

Class Subclass		Class Subclass		Class Subclass	
Saber	30 165+	Wall and panel structures	109 58+	Guards finger ring	63 15.8
Sabots	102 517+	Safety Devices (See Casing; Guards)		Guards for pins	24 706.2+
Saccharic Acid	562 582	Air bag passenger restraints	280 728.1+	Guards for watch	63 24+
Preparation from carbohydrates	562 515	Ammunition arming	102 221+	Pins, design	D11 200+
Saccharides	536 1.11+	Automobile (see motor vehicle, safety promoting means)		Purse	150 102
Sacchariferous Material	127	Bank counter partition	109 10+	Safety pin making	163 7
Condiments and flavors	426 548+	Bed	5 424+	Pipe joint release	285 1+
Fermentation	435	Belt	182 3+	Pressure gauges	73 738+
Saccharimeter		Aircraft	244 122 R	Razor with sharpener	30 39
Chemical analysis	422 68.1+	Land vehicle	280 801.1+	Receptacle	
Fermentative test	435 4+	Inflatable	280 733	Apparel pocket strap	2 254
Hydrometer	73 32 R+	Motor vehicle related	180 268+	Barrel bung automatic valve	217 101
Optical analysis	356 366	Passive	280 802+	Fare box	232 15+
Saccharin	548 211	Seat	297 464+	Letter box	232 31+
Sachet	D28 5	Blasting cartridges	102 325+	Reflective triangle for highway use	40 903*
Slow diffuser	239 53+	Boiler sight glass with valves	73 333	Robot	901 49*
Sack (See Bag)		Bolt and rivet making	470 43	Roll bars passenger restraints	280 756
Cleaning with air	15 304	Closure obstruction responsive	49 26+	Saddle stirrups	54 49
Closing	53 285+	Cooking apparatus	99 337+	Screen for receptacle filling	141 97
Sewing filled sacks	112 11	Cutting art	83 DIG. 1	Seat belt passenger restraints	280 801.1+
Closures for flexible bags	383 42+	Digest art	83 DIG. 1	Separator, imperforate bowl centrifugal	494 12
Filling and packing machines	53 570+	Electric (see protection, electric)	361 1+	Shields	266 903*
Holdings	248 95+	Alarms	340 635+	Steam boiler	122 504+
Sewing	112	Arc lamp	314 10+	Theft	109
Suspensory bandage	602 67	Distribution cutout	191 8	Trigger for mechanical gun	124 40
Separable	602 68	Electric lamp	315 119+	Valve on muffler	181 237
Turners	414 754+	Electric switches for	200	Valves	
Weighing support	177 160	Elevator	187 277+	High temperature	137 75+
Sacramental Receptacle	206 19	Door edge	187 317	Line responsive	137 457
Saddlebags	224 191+	Lantern	362 157+	Low temperature drain	137 62
Saddles and Appurtenances		Lightning arrester	361 117+	Pressure relief	137 455+
Bed bottom top saddles	5 258	Lightning protection	174 2+	Steam boiler combined	122 504+
Boot and shoe last	12 127	Motor regulating temperature	236 89	Vehicle and railroad	
Building, roof running board or saddle	52 41+	Shock protective	174 5 R	Brake beam	188 210
Cable railway	104 115+	Systems	361 1+	Livestock carrying car sageguards	119 403
Clamp		Telegraph system	178 69 G	Motor vehicle	180 271+
Joint & connection	403 234	Telephone interface	379 412+	Moving train lander	104 19
Joint & connection	403 237	Explosion preventing	241 31	Railway block systems	246 15+
Pipe coupling, end to side or plate	285 197	Firearm lock	42 70.05	Railway car bridges	105 458+
Pipe elbow, cooperating clamp	285 180	Revolver	42 66	Railway car truck support	105 217
Clutch shipper	192 98	Fluid handling		Railway sidings	246 374
Design	D30 135+	Acetylene generator escape	48 56	Ship coupler tension release	114 217
Fiber preparation, rolling fibers through stirrup & saddle	19 273	Boiler devices	122 504+	Wagon neck yoke coupling	278 124
Garment support cord retainer	2 341+	Boiler feed heater valve	122 437	Wagon thill coupling	278 54
Locomotive boiler	105 44	Burner controls	431 14	Wagon tongue neck yoke retainers	278 51
Pack	54 37.1	Burner controls	431 18+	Watch and clock wheels	368 141+
Rail joint	238 224	Gas cookstove	126 42	Safety Pin	D11 206
Rail seat	238 280	Gas distribution	48 192	Safranine	544 348
Railway		Gas holder high pressure escape	48 175	Safrole	549 434
Cablerail hanger & saddle	104 115+	Heater cutout	236 21 R	Sag Preventers	254 388
Car replacer, one-way saddle	104 270	In fluid handling line	137 455+	Gate or door	49 396
Freight tank saddle & anchor	105 362	Internal combustion charge forming	123 529	Sagers	432 258+
Locomotive steam boiler saddle	105 44	Stove water back	126 35	Sailboat Design	D12 303+
Riding	54 44.1+	Valve	137 455+	Sails and Sailing Devices	
Design	D30 135	Furnace, solid fuel	110 193	Gate mounted wind balance	49 135
Rack, stand, holder design	D30 143	Fuses electric	337 142+	Land vehicles	280 213
Saddlebag	224 191+	Making	29 623	Railway vehicles	104 24
Velocipede	297 195.1+	Garments		Ships and boats	114 102.1+
Velocipede design	D06 354	Ankle or foot protector	D29 121.2+	Design	D12 303+
Seat		Arm guard	D29 120.1+	Salad Dressing	426 605
Design, post or support	D12 119	Eye and face protectors	D29 108+	Sales Books	462
Detachable window seat as fire escape	182 59	Hand protectors	D29 113+	Salicin	536 4.1+
Saddle actuated simulation of land vehicle	280 1.183	Headware	D29 102+	Salicylate	436 129
Straddle seat	297 195.1+	Leg guard	D29 120.1	Salicylic Acid	562 477
Support, special mounted post attached	248 219.4	Glass manufacturing machine	65 159	Acyclic acyl esters of	560 143
Shoemakers work support	12 127	Hat	D29 102+	Aroyl esters of	560 8+
Tank car	105 362	Lantern for miners	362 164+	Azo compound ctg	534 660+
Textile fiber drawing	19 284+	Lowering devices aeronautic	244 138 R+	Salinomycin, in Drug	514 460
Sadiron (See Flatiron)		Machine power stop	192 129 R+	Saliva Ejectors	433 91
Design	D32 68+	Drilling or screw-threading machine	408 710*	Salol	560 71
Safelight	362 3+	Press combined	100 341+	Salt (See Type of Compound)	
Photo safe lamp	362 803*	Medicinal composition with	424 10.1+	Condiments and flavors	426 650
Safeners	504 103+	Mine safety systems	299 12	Crusher	241
Safes and Safety Deposit (See Box)		Motor regulating temperature	236 89	Crystallizing	23 295 R
Buoyant	441 32	Nuclear	376 207	Evaporating	159
Deposit and collection	232	Control rod, reflector, shield	376 221	Fused bath	266 120
Depository with verification means	109 24.1	Monitoring	376 245	Inorganic	23
Photograph as record	346 22	Neutron absorbers	376 327	Ion exchange regeneration	210 190+
Design	D99 28+	Safety fuse	376 336	Process	210 670+
Food	109	Shielding	376 287	Licks for cattle and game	119 51.03
Incidentally movable safe	109 45+	Nuclear	976DIG. 298+	Design	D01 100
Match	206 96+	Paper		Mining	
Design	D27 173+	Design	D19 5	Extraction and crystallization	23 298
Plural compartment	109 53+	Fraud preventing coating	427 7	Thermal or solvent	299 5
Provision, ventilation of	454 183	Printed matter fraud preventing	283 74+	Organic	260
Ventilation of vaults	109 1 V	Pins and fastenings		Shaker	
		Carding	227 25	Comminutor combined	241 168+
		Chatelaine hooks	24 4	Design, mill or	D07 591+
				Dredge top dispenser	222 480

Class Subclass		Class Subclass		Class Subclass	
Hand manipulable type dispenser	222 142.1+	Laminated fabric sanding	156	Savings Boxes	232 4 R+
Sifter type dispenser	222 565	Sandblast abrading apparatus	451 75+	Paper type	206 815
Salting		Method	451 38+	Toy	446 8+
Apparatus	99 494	Scattering unloaders	239 650+	With register	235 100
Bread, pastry and confections	99 362+	Track	291	Saw	30 166.3+
Nuts	426 632+	Sandglass Design	D10 44	Band	30 380
Salvage (See Recovery; Reclaiming)		Sanding		Band saw	83 788+
Bell	405 185+	Belts	451 489+	Barrel head making	147 38
Scrap metal	29 403.1+	Blocks	451 540+	Bone	606 82
Submarine vessels	114 44+	Discs	451 490+	Trephine	606 172+
Combined with device	114 336	Drums	451 490+	Bow	30 507+
Salvarsan	556 66	Sandwich Making		Butchering	452 149+
Salves	424	Apparatus	99 450.1	Button blank sawing	79 15+
Sample Chargers		Process	426 502+	Chain	30 381+
Analyzer supply	73 864.81+	Sanitary		Chain saw	83 788+
Chemical analysis	422 63+	Equipment & handling	D23	Cleaners and oilers	83 169
Electron microscope	250 440.11	Napkins	604 358+	Dado	144 222
Nuclear energy detector	250 328+	Belt	D02 625	Drag saw	83 771+
Sample Devices		Design	D24 125	Frame	83 859
Baggage or case	190 16+	Shield	604 393+	Hand	30 166.3+
Card pasting machines	156 559+	Santalol (See Alicyclic Hydrocarbon)	585 350+	Fret	30 513
Display package	206 44 R+	Santonin	549 299	Gauge	33 202
Trays	206 557+	Sap Buckets	47 50+	Gin	19 55 R+
Sampler (See Pipette, Swab)	73 863+	Turpentine and rubber	47 11	Gummers	76 25.1+
Agitator combined	366 140	Sapogenins	540 17+	Wheels	76 45
Body contacting	604 1	Saponifying		Handsaws	30 166.3
Capture device	73 864+	Cellulose ether or ester fibers	8 130	Combined with other cutter	30 144
Chemical reaction, apparatus	422	Dyeing textiles combined	8	Combined with other tools	7 148+
Chemical reaction, method	23	Fats or oils	554 156+	Hole saw	408 204
Closed evaporating chamber	159 30	Mixtures	252 367.1	Making	76 25.1+
Container combined	141 22+	Natural resins	530 200+	Methods	76 112
Depth sounding	33 717+	Rosin	530 224+	Metal sawing machines	83
Diagnostic, liquid	600 573+	Saponin	536 4.1+	Saws	83 835+
Diagnostic, non-liquid	600 562+	Saran T M	526 343	Rotary	30 388+
Dispensing	222	Sarcophagi Molds	425	Scroll	83 783+
Dispenser combined	141 110+	Sarcosine	562 575	Hand	30 513+
Drop former	222 420	Sash		Sets	76 58+
Movable trap chamber	222 356+	Accessories		Stave jointing	147 28+
Distance sounding combined	33 713	Balances	16 193+	Stone sawing	125 12
Earth boring combined	175 308+	Burglar alarms and fasteners	116 16+	Surgical	606 176
Core	175 244+	Cord fasteners	16 202+	Table saw	83 477+
Electrical signal	327 91+	Cord guides	16 210+	Tables	269 289 R
Evaporating chamber combined	159 30	Electric switches	200 61.62+	Gauges	83 522.16+
Gas separator combined	96 413	Weights	16 216+	Modified for blade	269 83+
Gravitational separator combined	210 513+	Garment supporter	2 300	Teeth	83 835+
Mass spectrometer combined	250 288	Making	144 5+	Fastenings	83 840+
Milking machine combined	119 14.01+	Panel	52 782.1+	Vegetable and meat combined with	
Optical sample holder	356 244+	Sectioned	52 455+	cutter	83
Sample taking, cutting	83 919*	Window		Wood sawing devices	83
Textile treatment combined	68 185+	Locks for	70 89+	Design hand saw	D08 95+
Thermometer combined	374 157	Ventilating	454 211	Design, power saws	D08 64+
Well		Satchel (See Pouch)		Design, sawing machinery	D15 133
Packer and valve type	166 142+	Satellite (See Space Ship)	244 158.1+	Guards	83 440.2
Processes	166 264	Applications, photoelectric cell	136 292*	Guides	83 821+
Receptacle type	166 162+	Telecommunications, mobil repeater	455 12.1+	Wood silvering gang	144 189
Sampling, nuclear Reactor Condition	376 245	Saturable Core Reactor		Woodworking rotary cutter	144 222+
Sand		External or operator controlled	323 329	Sawbucks and Sawhorses	
Blast abrading	451 75+	Input responsive	323 302	Buck, ie holding or clamping	269 296+
Box playground	472 126	Linear amplifier systems	330 8	Horse, ie scaffold or plank	
Design	D21 815+	Non-linear reactor systems	307 401	supporting	182 181.1+
Clock	968 805+	Output responsive	323 249	Sawdust	
Excluding bands for wheels	301 123	Self regulating	323 310	Briquette	44 590+
Foundry mixing	366 1+	Transformer systems	323 250	Burners (see furnaces solid fuel	
Lime brickmaking	106 796+	Voltage magnitude control	323 253	burning sawdust refuse and	
Liquid filter	210 263+	Saturating		wet fuel)	
Rehabilitation process	210 791+	Fireproofing compositions	252 601	Fuel	44 506
Mold	164 349+	Preserving	422	Fur cleaning by	69 23+
Molding		Transformer	336 155	Making processes	241 28
Metal founding	164	External or operator controlled	323 329	Sawhorse	D25 67
Plastic block etc apparatus	118	Input responsive	323 302	Sawing (See Saw)	
Paper	451 526+	Output responsive	323 249	Button blanks	79 15+
Abrasive composition for	51	Regulating system	323	Dog	269
Applying devices	451 458	Self regulating	323 310	Feed	83 401+
Making and compositions	51 +	Sauces	426 589+	Metal	83
Reel or roll		Sauerkraut (See Kraut)		Sawmill dogs with carriage	83 721
Woven fabric take up	139 307+	Sauna		Stone	125 12+
Scattering devices	291	Bath	D24 203	Wood	83
Screeener or riddle	209 233+	Heater	D23 315	Saw table gauges	83 522.16+
Traps and separators		Sausage	426 129	Sawtooth Oscillator	
Paper making	210	Casing	426 140+	Driven	327 131+
Track sanders	291 11.1+	Inedible	428 34.1+	Free running	331
Washing	209 155+	Shirred casing	206 802*	Saxophones	84 385 R
Sandal	36 11.5	Wall structure	138	Scabbards (See Sheath)	224 232+
Making	12 142 S	Cookers		Design	D03 220
Overshoes	36 7.5+	Electrode type	99 358	Ice skate	280 825
Sanders and Sand Feed or Blast		Opposed heated surface type	99 380+	Sword	224 232+
Boiler cleaner	122 395	Spit or impaling type	99 419+	Design	D03 220
Brick and mold	118	Support combined	99 441	Scaffolds	182 179.1
Coating appliers	118 308+	Grinders	241	Bracket supports	248 235+
With electric orienting	118 640	Linkers	452 46+	Combined	182 129
Conveyers fluid current	406	Preserving	426 129	Convertible	182 20
Design	D08 62	Stuffers	452 35+	Ladder	182 27

Class Subclass		Class Subclass		Class Subclass	
Design.....	D25 62+	Scavenger & Scavenging		Scows (See Barges)	114 26+
Design, element or coupling.....	D25 68+	Anesthesia gas scavenging system..	128 910*	Scram Rod (See Nuclear)	376 207
Elevating means.....	182 141+	Oxygen scavenging.....	252 186.1	Component structure.....	376 327
Foldable.....	182 152+	School		Element.....	376 219
Platform.....	182 222+	Bus signal lights.....	340 433	Scrap (See Trash)	
Shaft supported.....	182 128	Desks and seats.....	297 135+	Binder device releasably engaging	
External.....	182 187	Design.....	D06 335+	aperture or notch of sheet.....	402
Scalder		Design, with drawer.....	D06 335+	Bindings.....	281 22
Cleaning.....	134	Schreinerized Fabrics	26 69 R	Metal	
Fowl and hog.....	452 74+	Science Teaching	434 276+	Box.....	428 576
Peeler or parer combined.....	99 483	Scillin	536 4.1+	Cutting.....	83
Scale (See Weighers)		Scissors (See Nipper; Shearing)	30 194+	Electrolytic stripping	
Armored tire.....	152 206	Buttonhole.....	30 120	apparatus.....	204 193+
Bathroom.....	D10 87	Can opening.....	30 428	Electrolytic stripping of	
Lamellate composition.....	106 415+	Design.....	D08 57	elemental layer from.....	205 717+
Metal scaling.....	29 DIG. 34	Knife combined.....	30 146	Pile or fagot.....	428 588+
Music		Manicuring.....	30 29	Preheating or melting.....	266 901*
Automatic note selector.....	84 152+	Compound tool.....	132 75.4+	Reclaiming by	
Enharmonic.....	84 451	Material holder combined.....	30 131+	Hydrometallurgy.....	75 715+
Keyboard touch plate.....	84 428	Nipper combined.....	30 145	Metallurgy.....	75 401+
Optical element combined.....	359 436+	Plier combined.....	7 135+	Scraper (See Rake; Removers)	
Optical pointers.....	359 436+	Sharpening		Boiler cleaning.....	122 387
Pans.....	177 262+	Abrading design.....	D08 93	Bone.....	606 84+
Price.....	177 25.11+	Apparatus.....	76 82.2	Bristle brush combined.....	D04 116+
Register.....	235 124	Combined with can opener.....	D08 35	Bulldozer.....	172 811+
Remover and preventer		Power sharpener.....	D08 63	Carbon black making.....	422 150+
Composition.....	510 247+	Process.....	451 45	Caster wheel attachment.....	16 41
Dentistry.....	433 143	Scleroscope	73 79	Cleaning device.....	15 236.01+
Electrolytic apparatus.....	204 196.01+	Scoop	D07 691	Brush combined.....	15 111+
Electrolytic cleaning of metal		Bag filling.....	141 108+	Brush paint can attachment.....	220 695+
or metal alloy.....	205 705+	Ditchers.....	37 379+	Design, food.....	D32 40+
Electrolytic protection of metal		Slit trencher.....	37 367+	Design, food preparation.....	D07 688+
or metal alloy.....	205 724+	Dredgers.....	37 341	Inside pipe or tube.....	15 104.16+
Fish.....	452 71+	Excavating.....	37 411+	Machine.....	15 93.1+
Hammer.....	29 81.15	Ice cream.....	425 118	Vacuum cleaner nozzle combined..	15 401
Magnetic apparatus.....	422 186.02+	Ice cream.....	425 221	Windshield wiper combined.....	15 256.5+
Metalworking.....	29 81.01+	Ice cream.....	425 276+	Conveying from heat	
Water softener.....	252 175+	Design.....	D07 681	Exchange surface.....	165 95
Rule or.....	D10 71+	Kitchen.....	294 55	Conveyor belt unloader.....	198 637
Ruler.....	33 494	Pump.....	417 232	Cooking or baking molds combined.	249 77
Square.....	33 474	Railway graders.....	37 106+	Cutting tools.....	30 169+
Typewriter.....	400 705+	Rotary dryer.....	34 188	With material holder or	
Line spacing.....	400 548+	Shovel.....	294 55	disposal.....	30 136
Weighing instrument.....	177	Sifter support.....	209 418	Drying rack.....	34 185
Design.....	D10 87	Snow excavator.....	37 264+	Drying rake attached.....	56 400.05+
Scallop		Vehicle fender.....	293 42+	Earthworking.....	172
Processing for food.....	452 12	Scooter Vehicle	280 87.01+	Railway snow excavator.....	37 214+
Scalpels		Toy.....	D21 423	Transverse endless road grader....	37 388
Scanning		Scopolamine	546 91	Eraser.....	30 169+
Facsimile.....	358 474+	In drug.....	514 291	Burnisher combined.....	7 124+
Optical.....	359 196.1	Score Boards		Filter cleaning.....	210 407+
Electrophotographic copier.....	399 206+	Bowling.....	473 69+	Furnace ashpun.....	110 170
Periodically moving optical element.	359 196.1	Changeable.....	116 222+	Grinding or milling member cleaner.	241 166+
Periscope.....	359 402+	Electric sign, matrix.....	345 73	Heat exchange cylinder.....	165 97+
Photoelectric.....	250 200+	Electric sign, monogram.....	345 44+	Hog scraper.....	452 94+
Television.....	348	Computer scoring for.....	700 92	Scalder combined.....	452 75+
Telescope.....	359 399+	Electric annunciator.....	340 323 R	Household cleaning tool.....	D32 35+
Scarecrow	40	Electrical registering type.....	377 5	Intaglio printing wiper.....	101 169
Noise maker		For games.....	116 222	Rotary with transfer.....	101 154
Bells.....	116 148+	Electrical.....	340 323 R+	Wiper for rotary.....	101 157
Horns.....	116 137 R+	Games.....	235 90	Land vehicle wheel attached.....	280 855+
Scarf		Image projection.....	353 45	Leather manufactures.....	69
Apparel.....	2 207	Printed matter.....	283 48.1+	Metallic receptacle combined.....	220 695+
Design.....	D02 500+	Target combined electrical.....	273 371+	Pipe bowl.....	131 246
Design fur.....	D02 601	Target combined mechanical.....	273 378+	Plow or cultivator.....	172 610
Design haberdashery item.....	D02 500+	Scorers for Games	D10 46.1	Porous block filter cleaner.....	210 116+
Design shaped.....	D02 500+	Scoring (See Notes To)	33 18.1+	Sealed bearing.....	384 137
Design shaped ascot.....	D02 605+	Implements.....	30 164.9	Shoe.....	15 237+
Hanger for fur.....	223 97	Indenting stylus.....	81 9.2	Design, boot or.....	D32 47
Joint.....	238 230+	Machines.....	83 861+	Scraper for vehicle.....	D12 203
Slide holder.....	D11 202+	Metal working.....	29 DIG. 33	Snowplow.....	37 266+
Scarving (See Skiving)		Of paper.....	493 396	Stamp scarifier.....	81 9.21
Apparatus for metal.....	266 51+	Paper bag making.....	493 228+	Surgical.....	606 159
Blowpipes.....	239 398+	Paper box making.....	493 59+	Design.....	D24 146+
Processes for metal.....	148 194+	Plane.....	144 186+	Wick trimmer.....	431 120
Scarifier		Registers.....	235	Woodworking.....	144 115
Earthworking.....	172	Score line, support.....	248 909*	Scratcher	
With scraper.....	37 381+	Static mold for making scored item.	249 52	Ash receiver combined.....	131 234
Stamp.....	81 9.21	Wood slicing combined.....	144 42	Back.....	601 137
Surgical		Scotch Block	104 258	Cigar cutter combined.....	131 249
Lancet.....	606 181+	Scotch Yoke	74 50	Cigar or cigarette combined.....	131 351
Other instruments.....	606 186	Scourer and Scouring		Match.....	44 643
Receptor combined.....	604 22	Abrading.....	451 103+	Match combined.....	44 510
Scattering (See Sprayer; Sprinkling)		Polishing combined.....	451 66+	Safe combined.....	206 137+
Drying apparatus centrifugal.....	34 59	Tools.....	451 523+	Smoking device combined.....	131 185
From aircraft.....	244 136	Tumbling.....	451 326+	Well.....	166 170+
Insect powder dusters.....	239	Concentration of natural current....	405 73	Screed	
Non-fluid material scattering.....	239 650+	Dredger.....	37 342+	Plastering.....	52 364+
Planting broadcasting.....	111 8+	Grain.....	99 600+	Corner.....	52 255+
Pneumatic conveyor discharge.....	406 157+	Processes.....	426 483+	Road or pavement.....	404 118+
Road treating material.....	404 101+	Pad, household use.....	D32 40+	Screen (See Shield; Sifter)	
Track sanders.....	291	Textile cleaning.....	8 139+	Bed.....	5 512

Class Subclass		Class Subclass		Class Subclass	
Combined	5 163	Wrench	81 155+	Electrostatic	254 92
Cathode ray tube	313 461+	Apparel fastener	D11 200+	Nail extractor	254 7 R
Color lantern	362 166+	Capping nails & screws	470 5+	Printers quoin	254 41
Decorative panels	D06 332	Clamp grip and vise		Sail	114 109+
Electrophotographic electrode	399 244	Belt fastener clamp	24 37	Stretcher	254 231+
Electrophotographic photoreceptor	399 159+	Boot antislip anchor	36 65	Carpet	254 200+
Fireplace	126 544	Cable grippers railway	104 210	Traversing jacks	254 85
Fluid current	210 348+	Cable grippers railway	104 223	Making	470 8+
Dredgers with	37 318+	Clamps	269 86+	Abrading	451 48
Faucet combined	210 449	Fence rail cross connections	256 69	Capping	470 5+
Flume	210 154+	Fence wire cross connections	256 55	Lathe cutting	82 110+
Gas filter	96	Mop holder	15 153	Machine	29 33 R+
Restrictor with	138 41	Rope holders nut clamp	24 135 R+	Mold	164 216
Starch making	127 25	Skate toe or heel	280 11.32	Molding glass	65 309+
Track sander	291 48	Vises	269	Rolling	72 88+
Track sander fluid delivery	291 13	Closure		Rolling process	72 365.2+
Fluorescent	250 483.1	Breach ordnance	89 19+	Threading	408
Furnace door fluid screen	110 179	Dispenser	222 549+	Wire and inserting	29 564.6
Furniture	160 135	Jar or bottle cap	215 329+	Wood	470 59
Gas filter	96	Jar or bottle stopper	215 356+	Pipe and rod joints and connectors	
Glare auto	296 97.1+	Metallic receptacle	220 288	Chucks	279
Grid	313 297+	Pipe and tubular conduits	138 89+	Electrical connectors	439 191+
Structure	313 348+	Watchcase	368 310	Rod joints	403 343
Half-tone	359 893+	Wooden barrel bungs	217 107	Sockets	279 9.1+
Chemically defined	430 6+	Closure remover	81 3.45	Ties railway screw rods	238 53
Insect trap with	43 119	Connectors electric	439	Press	
Luminescent		Fixture	439 641+	Die cutting	83 631
Nuclear reactions	376 153	Outlet box	439	Dispenser follower	222 390
Nuclear reactions	376 156	Switch with	200 51.14+	Forging	72 454
Nuclear reactions	376 463	Conveyor & feeder (see conveyor, screw; feeder)	209 913*	Propeller	
Process of making	430 23+	Acetylene generator carbide feed	48 54	Air	416 176
Optical filter	359 885+	Drill feed	408 129+	Aircraft with	244 65+
Color photography using		Furnace type	414 197	Ship	440 49+
monochrome film	396 305+	Hollow heat exchanging	165 87	Ship manual drive	440 21
Infra-red	359 350+	Lathe feed	82 141	Pump	415 71+
Photographic chemically defined	430 4	Locomotive tender feed	105 234	Agitating	366 266
Ultra-violet	359 350+	Mill feed	241 246+	Setscrew guard	74 617
Phosphorescent	250 483.1	Sand feed track sander	291 33	Setscrew guard knob	292 351
Photographic	D16 241	Sausage stuffer	452 44	Thread gauge	33 199 R
Photographic printing	359 893+	Screw or cam conveyor	29 DIG. 100	Threading	470 10
Chemically defined	430 6+	Static receptacle	414	Valve	251 216
Plant	47 20.1+	Stoker feed	110 110	Bottle	215 314
Frost preventing	47 2	Typewriter feed	400 328+	Dispenser	222 549+
Tree covers	47 23.1	Vegetable and meat cutting and comminuting feeds	241	Screwdriver	81 436+
Potato digger	171 71+	Wood slicer feed	144 179	Combined with diverse tools	7 165+
Potato digger	171 111+	Design	D08 387	Combined with diverse wrench	81 437
Plow combined	171 71+	Driver (see screwdriver)	81 436+	Constructed from specific material	81 900*
Plow combined	171 111+	Constructed from specific material	81 900*	Design	D08 82
Projection, ie movie	359 443+	Electrical connection formine	7 108	Floor jack	254 13
Projector light	362 257+	With screw feed	81 57.37	Eye screw, adapted for	81 901*
Racks with	211 180	Earth boring bit	175 327+	Machine	81 54
Safety for filling devices	141 97	Elevator drive	187 267+	Scriber (See Scoring)	33 18.1+
Seat combined	297 184.1+	Excavators	37 351+	Barrel head making	147 37
Sifters	209 233	Extractor	81 436+	Hand device	147 41
Special ray, eg x-ray	250 483.1	Fastenings		Scroll	
Stuff working		Bottle or jar closure clamp	215 281+	Actuated chuck	279 114+
Forming fiber articles	19 148	Bottle or jar closure clamp	215 283	Display control	345 684+
Forming fiber webs	19 304+	Bottle or jar closure pivoted fastener	215 243	Saw	83 783+
Paper pulp	210 348+	Fluorescent or phosphorescent	250 462.1	Hand	30 513+
Track sander	291 48	Horseshoe	168 23	Handle	30 525
Typewriter keyboard	400 714+	Latch bolt	292 251	Type comminutor	241 276
Urinal	4 292+	Latch bolt operator	292	Scrubbing and Scrubber	
Warship armor	114 14	Adjustable backset	292 1.5	Bathing apparatus combined	4 606
Well screen	166 227+	Lock bolt	70 140	Brushes	15 159.1+
Earth boring means combined	175 314	Machine ie bolt	411 378+	Holders	15 146
Making	29 896.61+	Rail joint chair	238 202	Material supply combined	401 268+
Window	160	Rail joint slide fastener	238 332	Design, equipment	D32 35+
Design	D25 53	Rail joint tie plate	238 303	Floor and wall machines	15 50.1+
Wire fabric	245	Separable button	24 105	Gas (see gas, liquid contact with)	261
Making	140 3 R+	Setscrew	403 362	Implement, general cleaning	15104.001+
X ray		Setscrew knob	292 350+	Implements for textile washing	68 220
Bucky grid	378 154	Spikes railway	238 372+	Kneeling stools	182 230
Film	378 185	Tool handle	403	With tool holder	182 129
Fluorescent or phosphorescent	250 483.1	Watchcase bow pendant	368 304	Machines for cleaning	15 3
Tube with secondary ray	378 140	Wood	411 378+	Mops	15 208+
Screen Saver	715 867	Gearing	74 424.7	Strand material	15 226
Screw (See Threaded) (see Threaded)	411	Clutch operator	192 94	Pails	15 264
Adjusted or actuated (see valve)		Intermittent mechanical movements	74 111+	Textile washing machines	68
Chair pedestal design	D06 364+	Mechanical movements	74 20+	Washing or cleaning methods	134 6+
Drill tip type end	411 387.1+	Nut with	74 424.71	Washtub surface	68 233
Dump door railway car	105 307	Power limit stop	192 141	Sculpting	
Hoop driver	147 11	Ship steering	114 155+	Articles for	D19 35
Mechanical pencil lead feed	401 68+	Steering control	74 499	Chisel	D08 47
Puller	29 256+	Jack lifter stretcher & tightener	254 98+	Hammer	D08 75+
Punch	83 631	Barrel hoop	217 95	Knife or spatula	D08 98+
Railway track pedestal	238 120	Combined	254 7 R	Sculpture (See Product)	
Reciprocating bender	72 454			Design	D11 131+
Stand	248 405+			Fauna	428 16
Stool	108 138			Layer varying thickness	428 156+
Switch	200 507			Manipulable	446 268+
Tube and bar drawing	72 287			Milling machine	409 79+
Valve applier	29 217+			Photographic process	430 323+

Class Subclass		Class Subclass		Class Subclass	
Teaching.....	434 82+	Envelope fastener.....	229 79	Ventilated.....	4 217
Scupper	114 182	Fountain pen cap combined.....	401 245	Bed.....	5 653+
Scutching	19 5 R+	Lock combined.....	70 440	Belt passenger restraints.....	280 801.1+
Beaters.....	19 85+	Metallic closure.....	220 200+	Safety buckle.....	D11 200+
Scuttle		Padlock combined.....	70 50	Boat.....	114 363
Operators.....	49 324+	Safe door jamb.....	109 64+	Cabinet with.....	312 235.2+
Scythe	30 309	Zipper.....	24 418+	Convertible to railway berth.....	105 322
Design.....	D08 12	Magnetic.....	49 478.1	Design.....	D06 334+
Handle fastening.....	403	Making sheet metal container seams		Grinders, milling.....	409 64+
Nib joints.....	403	or solder seals.....	413	Guards and control for amusement	
Sea Calming	114 232+	Moistener combined.....	156 441.5+	railways etc.....	104 241
Seafood	426 643+	Movable shafts		Harvester combined.....	56 323
Preservation.....	426 321+	Circumferential contact seal.....	277 500+	Heated.....	4 DIG. 6
Antiseptic and pickling.....	426 654	Close proximity seal.....	277 409+	Land vehicle.....	296 63+
Canning.....	426 392+	Notary.....	101 3.1+	Rear seat windshields.....	296 85
Dehydration.....	426 471+	Nuclear fuel components.....	376 451	Light combined.....	297 217.6
Refrigeration.....	426 524	Sealing wax applicator.....	401 1+	Vehicle.....	362 483
Weed compositions.....	536 3	Separator, imperforate bowl		Light thermal and electrical	
Seal, Sealer, & Sealing		centrifugal.....	494 38+	application.....	607 115+
Apparatus for making plastic seals..	425	Stamp or.....	D19 12	Locks.....	70 261
Molding with reinforcements.....	425 500+	Tamper indicating		Mechanical parts	
Band or wire applicator.....	140 150+	Fluid handling.....	137 384	Bottle or jar closure cap.....	215 316+
Battery.....	429 172+	Pipe joint.....	285 80	Pivoted seat motor.....	185 15.5
Bearing		Terminal.....	429 181+	Rail seats.....	238 264+
Ball combined.....	384 477+	Wax		Railway rail joint base plate.....	238 215
Ball combined with lubrication....	384 462+	Applicators.....	401 1+	Tool handle fastening	
Plain.....	384 130+	Compositions.....	106 218+	Adjustable.....	403 83+
Books having.....	281 18	Zipper surface sealed.....	24 389	Tool handle fastening rigid.....	403
Bottle cap.....	425 809*	Sealed Beam Lights	313 113+	Valve (see valve and valved	
Caulking ships.....	114 86	Seam		devices)	
Caulking tools.....	81 8.1	Adherent making		Occupancy indicator.....	116 200+
Metalworking.....	72 463	Apparatus.....	156	Electric.....	340 667
Cigar or cigarette wrapper.....	131 67+	Process, butt ending.....	156 304.1	Occupant carried.....	297 4
Closure.....	49 475.1+	Bag bottom seamless.....	383 122	Occupant guards or restraints.....	297 464+
Actuated.....	49 303+	Binding devices for sewing machine	112 137+	Passenger recording by depression..	346 40
Operator.....	49 316+	Calking on ships.....	114 86	Railway passenger car	
Conduit cable or conductor ends....	174 77 R	Cloth rubber and leather.....	2 275+	Convertible open and closed.....	105 336
Cylindrical cell.....	429 171+	Pressing.....	69 7	Placement.....	105 345+
Electron tube sealing.....	53 DIG. 3	Sewed seams.....	112 475.01+	Seat back side guard control.....	105 441
Envelope sealing & stamping.....	156 442	Sewing.....	112	Rubber.....	4 DIG. 8
Fuel cell.....	429 35+	Shoe upper.....	36 57	Saddle tree and seat connection....	54 42.1
Glass		Hosiery.....	66 179	Sofa bed.....	5 12.1+
Compositions.....	501 15	Simulated.....	66 181	Toilet.....	4 237+
Electronic tube having.....	174 50.5+	Metal		Trackmans car.....	105 94
Gas or vapor lamp having.....	313 623+	Can side making.....	413 69+	Vacant seat signalling system.....	340 667+
Incandescent lamp having.....	174 50.5+	Container spout.....	222 574	Vehicle	
Incandescent lamp having.....	220 2.1 R+	Fusion-bonding apparatus.....	228	Auxiliary.....	297 232+
Incandescent lamp having.....	174 17.05+	Opening device.....	220 260+	Velocipede.....	297 195.1+
Lamp or discharge device making		Receptacle.....	220 677+	With body modification.....	296 63+
Apparatus.....	65 152+	Receptacle end structure.....	220 600+	Walk over.....	297 94+
Processes.....	65 36+	Sheet edge interfolding.....	29 243.5+	Seat Belt Restraints	297 464+
Hermetic (see air lock)		Sheet methods.....	413 1+	Safety buckle.....	D11 200+
Drying or gas contact		Tube of sheet material.....	72 48+	Seaweed, Artificial	405 24
Chamber having.....	34 242	Wire fabric having.....	245 10	Sebacin Acid	562 590
Processes using.....	34 402+	Paperbox box.....	229 198.2+	Second Detector Radio	329
Inflatable toys having.....	446 222	Pipe having longitudinal.....	138 156+	Secondary	
Preserving food by.....	426 392+	Distinct layers.....	138 151+	Battery.....	429 149+
Still.....	202 269	Flexible.....	138 128	Charging & discharging systems.....	320
Valve actuator.....	251 335.1+	Pipe having spiral.....	138 154	Emitters.....	313 103 R+
High frequency electric sealing.....	53 DIG. 2	Distinct layers.....	138 150	Amplifying system.....	330 42
Inflatable.....	49 477.1	Flexible.....	138 129+	Cathode ray tube.....	313 399
Light		Receptacle paper crimped end.....	229 5.6	Cathode ray tube.....	313 387
Plate holders having.....	396 518	Searchlight	362 35	Cathode ray tube system.....	315 11
Liquid (see trap)		Boat type.....	362 477+	Cathode ray tube system.....	315 12.1
Barrel bung.....	217 105	Bulbs.....	313	Prevention.....	313 106+
Bottle and jar closure.....	215 234	Searing		9, 10-Seco-	
Dispenser type.....	222	Leather.....	69 7.5	Cyclopentanohydrophenanthrenes	552 653
Flow meter having.....	73 234+	Seasonings	426 650+	Secret	
Gas making cupola having.....	48 69	Seat	297	Communication	
Gas separator combined.....	55 355	Actuated		Electronic, funds transfer.....	705 64+
Hardenable liquid jar closure.....	215 233	Abrading work holder.....	451 368	Facsimile.....	380 243
Liquid seal only.....	429 78	Brake.....	188 109	Radio.....	380 31+
Machine, ie bolt.....	285 10+	Dry closet.....	4 473	Radio, pulse or digital.....	380 37
Metallic receptacle closure.....	220 216+	Flush valve.....	4 250	Telegraph.....	380
Plastic seal jar closure.....	215 233	Seat or lid opener or closer.....	4 245.1+	Telephone.....	380 41
Rotary expansible		Seat subclosure.....	4 238	Television.....	380 200+
chamber device.....	418 104+	Trackmans car.....	105 94	Access control.....	725 25+
Seal for a joint or juncture.....	277 431+	Water closet.....	4 408+	Compartment type cabinet.....	312 204
Sewerage having.....	137 247.11+	Agricultural implement.....	172 431+	Cryptography photo copying.....	355 40+
Valve.....	137 251.1+	Aircraft.....	244 122 R	Including fiber optics.....	355 1
Valve interface.....	137 246+	Safety lowering devices.....	244 141	Sectional	
Liquid barrier.....	277 431+	Back.....	297 445.1+	Boilers.....	122 209.1
Centrifugal.....	277 427+	Backless.....	D06 349+	Radiators.....	165 130
Lock, closure fastener.....	292 307 R+	Backpack convertible to.....	224 155	Sectional Unit Cabinet (See Knockdown)	312107+
Barrel bung.....	217 114	Bath and closet.....	4 237+	Cooking apparatus.....	99 449
Bottle cap with separate		Bath tub.....	5 652+	Horizontally attached receptacle	
fastener.....	215 273+	Chemical holder in seat.....	4 229	sets.....	220 23.4
Bottle or jar closure.....	215 200+	Cover.....	4 245.1+	Securing Means (See Connection; Lock;	
Closure fastener bolt.....	292 327	Covers combined.....	4 234+	Retainers)	
Closure fasteners with.....	292	Disinfecting.....	4 233	Closure.....	292
Electric connector.....	439 271+	Dry closet subclosure.....	4 485+	Adjustable backset.....	292 1.5
Envelope.....	229 80+	Seat or lid opener or closer.....	4 245.1+	Bendable.....	292 253

Class Subclass		Class Subclass		Class Subclass	
Locks	70	Parer combined	99 543	Self Binding	
Portable	292 289+	Seine Needles	87 60	Cornstalk cutters	56 67+
Grille	52 507	Seines	43 14	Shockers	56 429
Rims land vehicles	152	Seismology		Shockers automatic feed	56 403+
Demountable	301 11.1+	Computer controlled, monitored		Self Developing Camera	396 30+
Sheathing	52 506.05+	Artificial intelligence	706 929*	Self Healing	
Shingle type	52 443+	Seismic ware prospecting (see prospecting)		Stock material	428 912*
Sheet members		Computer combined apparatus	367 60	Tires	152 502+
Billiard cloth	473 30	Earth boring combined	175 1	Self Heating	
Fabric (see notes to)	160 382+	Instruments	33 1 HH	Article, by electricity	219 201+
Sheet members on drums	346 138	Seismographs or seismometers	181	Self Leveling	
Spokes	157 1.55	Electro-acoustic	367 14+	Furniture	114 191+
Tires land vehicles	152	Mechanical	73 649+	Head on stand	248 182.1
Tires railway	295 15+	Recording	346 7	Tank or boiler	280 7
Vehicle parts		Submarine signalling	367 15+	Vehicle body	280 6.15+
Bodies	296 35.1+	Vibration testing	73 649+	Self Loading Vehicle	
Bodies on & off freight containing	410 77	Selective Delivery		Excavator	37 304+
Mud guards	280 154	Charging discrete loads to plural static structures	414 266	Road vehicle	414 467+
Top and side boards	296 36	Conveyor power driven	198 348+	Self Service	
Wheels railway	295 43+	Material treatment		Plural related surfaces	
Securities, Commodities		Differentially comminuted mixed	241 14	horizontally adjustable	108 102+
Security Information	726 1+	Preceding sorting	209 4+	Stores	52 33
Computer controlled, monitored	705 35+	Pneumatic dispatch	406 1+	Tables, power driven surface	108 20+
Security Instruments	D10 104+	Railway	104 88.01+	Tables, terraced rotatable	108 94+
Metal detector for airports	340 568.1+	Signal and switch		Self Starter for Engines	
Metal detector for library books	340 572.1+	Electric annunciator	340 500+	Dynamolectric	290
Sediment		Electric signal	340 825+	Mechanical	123 179.1+
Feed heater valve	122 429	Railway automatic switch	246 323	Self Winding	
Filter combined	210 299+	Railway facing switch	246 424+	Clocks	368 148
Liquid purification or separation		Railway train dispatching	246 5	Spring & weight motors combined	185 7
Automatic discharge	210 112+	Store service	186 20+	Spring motor	185 40 R+
Gravitational apparatus	210 513+	Telephone hook switch	379 424+	Plural	185 11+
Gravitational process	210 800+	Telephony automatic switches	335 108+	Toys spinning	446 249
Precipitation process	210 702+	Time controlled alarm	340 309.16+	Watches	368 207
Seed		Store service		Weight motor	185 33
Coated or impregnated	47 57.6	Cable propulsion	186 15	Selsyn	318 692+
With antidotes, biocides herbicides	504 100	Gravity system	186 3	Communication systems	340 315
Comminuting	241 6+	Switches	186 20+	Telautograph	178 19.01+
Cooker	422 307+	Suspended road vehicle unloading	414 377+	Telemetering	340 870.34
Disinfecting compositions	424	Selective Systems	340 825+	Selvage	
Extraction, fatty oil from seed	554 9+	For control in well bore	340 853.3+	Edge coating	427 285
Germinator	47 61	Selector		Forming	139 430
Apparatus fermentative	435 283.1+	Dispensing magazine		Knitting	
Apparatus fermentative	435 283.1+	Stacked article ejector	221 92+	Welt fabric	66 172 R+
Fermentation combined	435	Electric annunciator station	340 286.11+	Welt machines	66 95+
Pellet planters	111 914*	Electric organ tone partials	84 615+	Trimming	26 11+
Proteins	530 370	Gear shifting	74 342+	On loom	139 302+
Coating or plastic compositions containing	106 125.1	Label pasting machine	156	Weaving	
Removing or separating		Lock or latch operator		Warp traversing	139 54
Decorticating combined	19 6	For cabinets	312 215	Welf loop retainers	139 195
Fruit apparatus	99 547	Lock tumbler type	70 305	Semantic Network	
Fruits and vegetables processes	426 484+	Musical automatic instrument	84 115+	Linguistics	704 1+
Ginning	19 39+	Musical instrument key	84 442	Semaphore	
Seed or rod holders	117 911*	Phonograph cabinet disk record	312 9.11+	Flags	116 173+
Seedling containers	47 77	Pile fabric selected warp	139 404+	Hand set indicator	116 319
Seedling transplanters	47 77+	Planetary gearing	475 131+	Spectacle	246 484
Stripping or gathering	56 126+	Printing telegraph	178 33 R+	Structure	246 479+
Motorized	56 12.9+	Printing telegraph page	178 27	Switch stand	246 409
Threshing type	460 123+	Punch	234	Train dispatching	246 18
Tapes	47 56	Coded	234 94+	Semi-Compound Steam Engines	91 8+
Making, methods of	53 467+	Railway dump car door	105 287	Semicarbazide	564 34
Planting	111 199	Tabulator column	400 284+	Semicarbazones	564 36
Testers	47 14+	Telephone automatic testing	379 17	Semiconductive Alloys	420 903*
Untreated	800 295+	Textile warp preparing	28 202	Barrier layer composition	252 62.3 R+
Seed Corn Stringers	139 19	Typewriter case	400 251+	Semiconductor Device Making (See Semiconductor Junction Forming)	
Seed Pulling Apparatus	117 208+	Weaving separate weft	139 453	Bipolar transistor manufacture	438 309+
Seed Pulling, Crystalization	117 13+	Zither chord	84 286+	Heterojunction	438 312+
Seeding	111	Selenazine	544 1	Complementary mosfet (cmos)	438 199+
Crystal growing or forming	23 301	Selenazole	548 100	Electron emitter making	438 20
Sugar making or refining	127 60	Selenium	423 508	Field effect device manufacture	438 142+
Seesaw		Cell		Insulated gate transistor	438 197+
Amusement device	472 106+	Generator type	136 243	Floating gate	438 257+
Combined with roundabout	472 4+	Resistive type	338 15+	Vertical channel	438 268+
Design	D21 412+	Compounds		With capacitor	438 239+
Amusement railway		Binary	423 509	Junction gate transistor	438 186+
Car drive	104 80	Organic	562 899	Schottky gate transistor	438 167+
Swinging car	104 81	Ternary oxy	423 508	Injection laser making	438 22+
Track	104 79	Photoelectric	430 84	Micromechanical	216 2
Figure toy	446 322	Coating process	427 76	Passive electrical device	438 381+
Seeger Cone	374 106	Rectifier	257 42	Photovoltaic device manufacture	438 56+
Segment		Manufacture	438 102	Selectively interconnecting	438 128+
Closure fastener keeper	292 341	Self Aligning Bearings		Metallization	438 598+
Harvester platform adjuster	56 215+	Ball	384 495+	Strain gauge making	438 50+
Nuclear fuel	376 429	Plain radial	384 192+	Semiconductor Junction Forming (See Semiconductor Processing)	
Pinion	74 32	Plain thrust	384 193+	Diffusing dopant into substrate	438 542+
Rim gear	74 448	Railway car brasses	384 191.1	Fusing dopant with substrate	438 537+
Ship steering mechanism	114 159	Shaft hangers	384 205	Heteroepitaxy	117
Segmenter	30 114	Self Baked Electrodes Furnace		Ion implantation	438 514+
Corer combined	99 545+	Arc	373 60+	Isolation	438 400+
		Electrolytic apparatus	204 225+	Seed pulling	117 22

Class Subclass	Class Subclass	Class Subclass
Sliding liquid phase epitaxy	117 61	Furnace draft regulators..... 110 148
Tipping liquid phase epitaxy	117 59	Heat exchange surface type
Vapor phase epitaxy	117 89+	condenser..... 165 111+
Semiconductor Processing		Liquefaction processes with..... 62 617+
Coating (see metallization).....	438	Liquefiers and..... 62 617+
Electrolytic.....	205	Liquid separation
Coating and etching.....	438 694+	Combined..... 55 421
Sputter coating.....	204 192.25	Process combined..... 95
Chemical etching.....	438 689+	Meters with liquid and..... 73 200
Chemical-mechanical.....	438 692+	Pneumatic fiber cleaning..... 19 205
Dicing.....	438 460+	Separate fluid heated
Directly applying electric current.....	438 466+	boiler with..... 122 34
Electromigration.....	438 468	Well combined..... 166 265+
Gettering.....	438 471+	Glass mold..... 65 357+
Ion implantation of dopant.....	438 514+	Grain scourers with..... 99 600+
Ion milling.....	204 192.34	Grain threshing..... 460 79+
Irradiation of semiconductors.....	250 492.2+	Liquid..... 210
Laminating or bonding.....	438 455+	Beverage infusing apparatus..... 99 279+
Metallization.....	438 584+	Beverage processes milk fat..... 426 491
Electroless coating.....	438 678	Chemical extracting or leaching..... 422 261+
Electrolytic coating.....	205	Concentrating evaporator liquid... 159 31
Forming schottky contact.....	438 570+	Crystal producing and..... 159 45
Sputter coating.....	205	Electrical apparatus for..... 204 660+
Mounting or housing.....	29	Electrical processes for..... 204 554+
Glass shaping to encapsulate.....	65	Electrolytic material treatment... 205 687+
Making photovoltaic device.....	438 64+	Electrophoresis or electro
Fusion bonding to metal.....	228 123.1	osmotic..... 204 450+
Single crystal formation.....	117	From solid separators..... 4 DIG. 19
Testing, electrical.....	324	Gas contact apparatus with..... 261 2+
Thermal treatment.....	438 795+	Gas operated motor condensate... 415 169.2+
Semitrailer.....	280 423.1+	Gas separation combined..... 55 421
Sensing	73	Process..... 95
Nuclear reaction condition.....	376 245	Oil residues from paraffin..... 208 30+
Control combined.....	376 207	Paper making..... 210
Sensitizing Photographic	430 495.1+	Paraffin from mineral oil..... 208 28+
Coating processes.....	430	Sugar starch etc making..... 127
Developing combined.....	430 401+	Yeasts ferments etc..... 435 261
Sensitized elements.....	430 495.1+	Magnetic
Separation, proteins	530 412+	For separating iron particles
Separator and Separating (See Purifiers; Screen; Sifter)	427 247	from other substances..... 209
Battery.....	429 247+	For separating microorganisms... 435 173.9
Centrifugal		Metal founding mold..... 164 358
Adhesion.....	209 60	Sprue..... 164 262+
Assembling apparatus.....	29 279	Ore metal and coal..... 422
Assorting.....	209 642	Potato digger bearing wheel..... 171 112
Fermentation apparatus.....	435 283.1+	Refrigeration..... 62
Filters.....	210 360.1	Process..... 62 85
Fluid suspension.....	209 199	Solids..... 209
Foraminous basket.....	68 23 R	Adhesion..... 209 45+
Imperforate bowl.....	494	Adhesion combined..... 209 12.1+
Auxiliary fluid supplied.....	494 23+	Comminution combined..... 241
Bearing.....	494 83	Electrostatic..... 209 127.1+
Bowl.....	494 43+	Flotation..... 209 162+
Condition responsive.....	494 1+	Fluid handling combined..... 137 544+
Countercurrent flow.....	494 22	Fluid suspension..... 209 132
Cyclic or timed.....	494 11	Combined..... 209 13
Filtering.....	494 36	Gaseous..... 209 133+
Heating or cooling.....	494 13+	Grain scourers..... 99 518+
Indicating, inspecting, etc.....	494 10	Liquid..... 209 155+
Involving gases.....	494 900*	With cereal comminuting..... 241 9+
Involving mercury.....	494 902*	With comminuting process..... 241 19
Involving oil.....	494 901*	With comminution..... 241 38+
Lubrication.....	494 15	With refrigeration..... 62 317
Process.....	494 37	Fusible from nonfusible by heat... 422 307+
Recirculation.....	494 35	Gaseous suspension..... 209 133
Safety.....	494 12	Grain scourers..... 99 518+
Seals and sealing.....	494 38+	Sifting etc..... 209 12.1+
Vibration damping.....	494 82	With cereal comminuting..... 241 9+
Oil dehydration.....	208 187	With comminuting process..... 241 19
Sugar apparatus.....	127 19	With comminution..... 241 38+
Sugar manufacture.....	127 56	With gas separation..... 95
Vortical whirl gas.....	55 447	Ice cube tray..... 249 69+
Coating or impregnating.....	427	Magnetic
Cream.....	220	Combined..... 209 212+
Diamagnetic.....	209 212	Pretreatment..... 209 8
Drying.....	34	Sifter actuating elements..... 209 368
Exhaust vapors.....	34 79+	Stratifiers..... 209 478
Egg.....	99 497	Mercurial adhesion..... 209 45+
Electrolytic.....	204 295+	Mercurial electrolytic synthesis
Fiber thread and fabric		of metallic oxides..... 205 545
Loom replenishing.....	28 202	Mercurial in metallurgy..... 75
Pneumatic cleaning.....	19 205+	Mercury alloy electrolytic
Sheet conveying and.....	271 4.01+	synthesis..... 205 558+
Sheet feeding and.....	271 10.01+	Mercury suspension..... 209 174
Shoe sole sewing.....	112 29	Metallurgical..... 75
Textile fiber liberating.....	19 1+	Mining and quarrying with..... 299 7+
Tobacco leaf disintegrating		Molten metal..... 266 227+
with..... 131 312		Preservative compositions..... 252 381+
Gas.....	95	Scrap metal salvaging..... 29 403.3+
Beer dispensing.....	137 170.1+	Sifting..... 209 233+
Boiler.....	122 488+	Combined..... 209 12.1+
		Combined with grain hulling.... 99 601+
		Gas borne comminuted material 241 49+
		Screen with comminutor..... 241 69+
		Sifting through comminuting..... 241 83
		Surface..... 241 83+
		Stratifying..... 209 422+
		Combines..... 209 12.1+
		Electrostatic..... 209 131
		Suspension combined..... 209 12.1+
		Strand spinning etc..... 57 354
		Structurally defined..... 429 129+
		Tobacco feeding
		Cigar making..... 131 110
		Cigar making bunch..... 131 40+
		Leaf disassociating..... 131 327
		Tobacco stemming..... 131 313+
		Tooth..... 433 148
		Type matrix separator..... 199 42
		Distributing to magazines..... 199 41
		Typesetting line..... 276 35
		Vegetable disintegrator and..... 241 68+
		Weldless chain making link..... 59 11
		Yeasts etc from liquids..... 435 261
		Septic Field 405 36
		Septic Tanks 210 513+
		Construction..... 52
		Purification..... 210 601+
		Gravitational separator combined... 210 513+
		Sera 424 130.1+
		Serrating Edges for Tool Sharpening 76 89.1
		Serrefines 606 221+
		Serums 424
		Server and Service 186
		Cart..... D34 14+
		Strip server for coating machine.... 118 40+
		Table self service
		Plural related surface
		horizontally adjustable..... 108 102+
		Power driven surface..... 108 20+
		Terraced rotatable..... 108 94+
		Timing mechanism for telephone
		Train control service stop..... 246 184
		Type case feeding..... 276 45
		Service Station
		Building type..... 137 234.6
		Canopy combined with pump..... D15 9.1+
		Dispensers..... D15 9.1+
		Gasoline pump..... D15 9.1+
		Lubricator or oil collector..... D15 151+
		Mobile unit..... D12 14+
		Servomotor
		Electric system..... 318 560+
		Hydraulic..... 91
		Sesamin 549 435
		Set, Display Pyrotechnic 102 355
		Sets
		Nail sets..... 81 44
		Radio telegraphy..... 375
		Telegraph portable key and
		sounder combined..... 178 78
		Telephone portable sets for
		testing lines..... 379 21
		Telephone wall sets..... 379 435
		Setscrew
		Guard..... 74 617
		Shaft..... 403 362
		Socket holder..... 279 83
		Settable Material
		Bolt or nut to substructure lock.... 411 82
		Bolt to nut lock..... 411 258
		Settees 297 232+
		Design..... D06 334+
		Swinging..... 297 282
		Setters Bowling Pin
		Mechanical..... 473 73+
		Spots..... 473 102+
		Spotters..... 473 87+
		Setting
		Ammunition loading bullet..... 86 43
		Broom and mop handle..... 300 20
		Brush tuft..... 300 2+
		Button eyelet and rivet..... 227 51+
		Electric clock hand..... 368 60+
		Eyelets..... 227 51+
		Gem
		Jewelry..... 63 26+
		Jewelry design..... D11 91+
		Setting method and apparatus.... 29 10
		Watchmakers tools..... 81 6+
		Glaziers points..... 227
		Leather..... 69
		Plants..... 111 100+
		Covers..... 47 32.2+

Class Subclass		Class Subclass		Class Subclass	
Manual dibbling tools.....	111 92+	Treadle machine conversion.....	112 217.4	Sifter horizontal or inclined.....	209 309+
Register zero.....	235 144 R	Work manipulating.....	112 122+	Sifters.....	209 233+
Rivets.....	227 51+	Zigzag.....	112 157+	Sprinkler or sprayer.....	239 374
Hollow rivets.....	227 51+	Backstitch.....	112 451	Vehicle unloader.....	414 375
Saw.....	76 58+	Buttonhole.....	112 446+	Vehicle unloader tilting track.....	414 357
Stage.....	472 75+	Cam activation.....	112 459+	Pivotable movement.....	414 362
Staple.....	227	Cam actuation.....	112 459+	Receptacle.....	366
Switch.....	246	Electronic memory.....	112 453+	Clothes washing machine.....	68 171+
Type.....	276			Table	
Watch stem winding and.....	368 190+	Sextant		Grain separator straw carrier.....	460 90+
Watchmakers jewel setting tools.....	81 7	Artificial horizon.....	356 143	Separator receiver.....	209 64
Wheel spokes.....	157 3+	Artificial horizon.....	356 148+	Sifter.....	209 309+
Wheel tires.....	157 5+	Optical.....	356 138+		
Wire spring.....	140 89	Straight ray.....	33 268+	Shale	
Wood pin.....	227			Distillation.....	201
Settling Tanks and Chambers		Shackle		Mineral oil from.....	208 400+
Automatic fluid distributing.....	137 255+	Animal restraining.....	119 814+	Shale Oil	
Beer foam separators.....	137 170.1+	Design.....	D30 151+	Recovery.....	208 400+
Carbon black making.....	422 150+	Butchering.....	452 187+	Sham Holders Pillow	5 492
Liquid separation and purification		Chain link.....	59 86	Shampoo	
Decanter and filter.....	210 295+	Closure fastening.....	292 328+	Conditioner containing.....	510 119+
Decanter or settler.....	210 513+	Dies for making.....	72 472	Medicated.....	514
Liquid suspension type separation		Foot and hand for prisoners.....	70 18	Methods.....	132
of solids.....	209 155+	For padlocks.....	70 53	Other than for cleansing or	
Solids separation combined.....	209 12.1+	Lock type.....	70 18	therapeutic.....	424 70.1+
Starch making.....	127 27	Vehicle spring end.....	267 271+	Shank	
Sugar making.....	127 57	Shades	160	Buttons.....	24 92
Seven Grid Limiter Discriminator	313 300	Eye.....	2 12+	Cloth.....	24 92
Severing (See Cutting; Sawing)		Design.....	D29 109+	Making.....	79 2
Abrading for.....	451 231+	Hat with.....	2 10	Sewing machine attaching.....	112 108+
Breaking.....	225 1+	Lamp.....	362 351+	Key.....	70 402
Glass (see search notes).....	83 879+	Design.....	D26 118+	Extensible.....	70 397
With glass manufacturing.....	65 174	Inverted bowl devise.....	362 453+	Foldable.....	70 396
Punching.....	83	Pull or tassel.....	D06 581	Plural.....	70 401
Stone splitting.....	125 43	Support.....	362 433+	Manufacture of metal knobs.....	29 896.5
Tearing.....	225	Mounting hardware.....	D08 354+	Padlock nonshackle type.....	70 34
Well tubing in situ.....	166 55	Optical instrument.....	359 611+	Railway spike shank brace.....	238 309
Sewage		Plant.....	47 20.1	Railway track clamp anchor.....	238 345
Aerators, diffusers.....	261 DIG. 70	Pull of cord or fabric.....	D06 581	Shoe.....	36 76 R
Aerators, rotating.....	261 DIG. 71	Window.....	D06 581	Loose upper shaping.....	12 54.1+
Electrolytic treatment.....	205 742+	Shading Devices	118 79	Machines.....	12 40.5
Fertilizer making.....	422 193+	Pens.....	15 435+	Tool and machine parts	
Processes and products.....	71 12+	Shaft	464 179	Handle fastenings.....	403
Furnaces burning.....	110 238	Aligning and leveling.....	33 412	Slidably adjustable wrenches.....	81 129+
Purification (see settling tanks).....	210	Angle transducer.....	250 231.13	Wrench attachments.....	81 184
Sewerage	137	Arrows.....	473 578+	Wrench handles and.....	81 177.1+
Manhole.....	52 19+	Axle land vehicle.....	301 126	Shape Memory Alloy	148 402
Pipe cleaners.....	15 104.31+	Bearings.....	384	Shaping (See Product Itself; Molding)	29
Design.....	D32 14	Clutch.....	192 110 R	Abrading or grinding.....	451
Sewage purification.....	210	Couplings.....	403	Boring.....	408
Sewer reamer, design.....	D32 14	Flexible.....	464	Comminution combined.....	241 3
Sewer ventilation.....	112	Crank		Cone wound bobbin or cop shaper..	242 480.3
With cover.....	52 20	Bearing anti-friction.....	384 457+	Dental instruments for.....	433 25+
Sewing and Sewing Machine (See		Bearing plain.....	384 250	Die (see die)	
Stitching)		Lathes.....	82 106+	Directly applied fluid pressure	
Abrading attachments for.....	451 432+	Making		differential.....	264 500+
Air work handling.....	112 DIG. 2+	Apparatus.....	29 6.01	Drilling.....	408
Apparel seams.....	2 275+	Method.....	29 888.08	Food.....	99
Bobbin winding.....	112 279	Earth boring means combined.....	175 320+	Bread pastry and confection	
Book bindings.....	281 27	Earth, eg mine.....	405 133+	making, food apparatus.....	99
Cabinet and parts.....	D15 66+	Flexible.....	464	Bread pastry and confection	
Carrying case.....	312 208.6	Portable drill.....	408 127	making, shaping apparatus.....	425
Cooling elements.....	112 280	Furnace.....	432 95+	Cooking and.....	99 324+
Covers for.....	312 208.5+	Fume arrester with.....	266 144+	Dairy molds.....	249
Design.....	D15 75	Metallurgical.....	266 197+	Meat briquetting apparatus	
Cutting attachments for.....	112 130	Hanger.....	384 442+	Dynamic apparatus.....	425
Fans combined.....	416 60	Housing.....	464	Methods.....	426 513
Filled sacks.....	112 11	Flexible shaft combined.....	464 52+	Static apparatus.....	249
Filling combined with sewing.....	53 138.5	Hub connections.....	403	Hay stack shapers.....	414 132
Hat sweatbands.....	2 184	Joints (see joints)		Metal	
Implements design.....	D03 18	Locks.....	70 182+	Bending to angle.....	72 176+
Kit.....	D09 700	Metallurgical furnace.....	266 197+	Casting combined.....	29 527.5+
Lights for.....	362 90	Mucking machines.....	414 916*	Coating combined.....	29 527.2+
Machine, design.....	D15 69+	Process abrading.....	451 49+	Corrugating.....	72 180
Sleeve-type surface.....	D15 68	Seal for a joint or juncture		Deforming.....	72
Treadle.....	D15 67	Circumferential contact.....	277 500+	Drawing sheet metal.....	72 347+
Machines with tables or stands.....	112 217.1+	Close proximity.....	277 409+	Drawing through die.....	72 274+
Pneumatic, digest.....	112 DIG. 3+	Speed recorders.....	346	Electric heating and.....	219 149+
Sheet retainer inserts binder		Wagon.....	278 33+	Extruding.....	72 253.1+
strand through sheet.....	402 7	Wall retainer.....	405 272+	Indirectly.....	72 273.5
Shoe lasting and.....	12 13.2	Shaker		Molten metal.....	164
Shuttle winding.....	242 484.7+	Shaking		Plastic metal.....	72
Special machines.....	112 2+	Apparatus		Powder apparatus.....	425 78+
Starting and stopping.....	112 271+	Grates.....	126 152 R+	Powder processes.....	419 61+
Stitch forming.....	112 154+	Automobile.....	73 669+	Pressure or impact forging.....	72
Suction thread cutting.....	112 DIG. 1+	Devices		Rolling.....	72 199+
Tables with work catcher.....	112 217.1+	Cleaning machine.....	15 94	Sheet metal by dies.....	72
Tension control or brake.....	242 410+	Filled cooking receptacle in		Spinning.....	72 82+
Tension devices.....	242 147 R+	oven.....	99 371	Wire fabric.....	140 107
Thread cutting, severing, or		Gas filter cleaning.....	55 304+	Wire into articles and fabrics.....	140
breaking.....	112 285+	Heat exchanger.....	165 84	Milling.....	409 64+
Threads.....	57 903*	Portable receptacle unloading.....	414 415	Nonmetallic	
		Separator receiver.....	209 64	Briquetting fuel.....	44 593+
		Shotting combined for cleaning.....	15 96		

Class Subclass	Class Subclass	Class Subclass
Coopering..... 147	Knife 30 146	Counting 235 89 R
Glass 65	Nipper 30 145	Cover with 428 68+
Ironing and smoothing textiles 38	Design D08 93	Creped 428 152+
Laser ablative shaping 264 400	Gauges for shears..... 33 631	Discontinuous coating with 428 195.1+
Leather 69	Ground supported hand operated	Easel of 248 441.1+
Paper 493 395+	harvester 56 241	Edge feature 428 192+
Plastic block and earthenware 425	Handle and blade connections 30 341	Edge fold 428 121+
Plastics 425	Holder or disposal combined..... 30 131+	Edge spliced 428 57+
Sand molds for metal 164	Manicure..... 30 29	Expanded metal making 29 6.1
Stereolithographic shaping from	Plier combined 7 125+	Feeding and delivery 271
liquid precursor 264 401	Modified handle..... 7 131+	Dispensing cabinet magazine..... 312 34.18
Stone 125	Receptacle combined	Electrophotographic 399 361+
Tobacco plug 131 111+	Cigar receptacle 206 238+	Collating 399 403
Wood sawing 83	Dispensing sheet receptacle 206 216	Imbricating 399 404
Wood turning 142	Ticket holder receptacle 30 124+	Interleaving 399 382
Woodworking 144	Shears hand manipulable 30 194+	Separators, pneumatic 399 397+
Pencil sharpeners (see	Stone shearing 125 23.01+	Sorting 399 397+
pencil sharpener)	Surgical 606 174	Stacking 399 404
Planing 409 288+	Textile	Strippers 399 398+
Screw threading 408	Cloth finishing 26 15 R+	Magnetic operations 271 901+
Stack or pile shaping 414 788.9+	Thread finishing 28 226+	Manifolding 462
Turning 82	Sheath (See Scabbard; Sheathing) 224 191+	Reverse direction of sheet
Shares for Plows 172 681+	Awl or prick punch 30 368	movement 271 902*
Forging dies for making 72 425	Cable 74 502.5	Separators, pneumatic 271 90+
Making machines and processes 29 14	Cutlery 30 151+	Separators, rotary 271 109+
Sharpener 83 174+	Two or more cutters 30 143	Strippers 271 900*
Abrading or grinding 451	Design D03 220	Support rack for paper 211 45+
Design, knife or scissors D08 93	Hair comb 132 143	Support rack stacked 211 50+
Button surfacing with tool 79 8	With brush 132 121	Towel service locking rack 211 6
Combined with cutting	Manicuring tool 132 76.2	Towel service rack 211 16
machine tool 83 174+	Padlock 70 55	Typewriter paper
Cutlery with 30 138+	Splitters 30 90.1+	on edge 271 903*
Disk plow 172 439	Surface supporting 108 150+	Typewriter paper 400 624+
Drill forming and 76 5.1+	Wire strippers 81 9.4+	With winding 242 535+
Electrolytic 204 194+	Sheathing (See Facer	Figure toys of 446 387+
Etching processes 205 640+	Sheathing (See Facer Construction:)	Filter 210 348+
Metal or metal alloy cleaning 205 705+	Earth control 405 272+	Fire escape body catcher 182 138+
Harvester cutting reel type 56 250	Tunnel or shaft lining 405 132+	Flanged pipe joint packing of 285 363+
Horseshoe calk 168 46	Electrical conductor 174 68.1+	Garment hanger 223 87
Making and sharpening 59 65	Making	Gas and liquid contact porous 261 100+
Knife or scissors	Indefinite length electrical	Grooved 428 161+
Combined with can opener D08 35	conductor 156 47+	Holder and securing devices
Powered tool D08 63	Metal extrusion 72 268	Billiard table cloth 473 30
Pencil (see pencil sharpener) 30 451+	Railway car	Cleaning fabric 15 231+
Design of D19 73	Freight 105 409+	Cylindrical for sandpaper 451 490+
Machine 144 28.1+	Passenger 105 401	Endless conveyor with gripper 198 688.1+
Razor with 30 35+	Seal for a joint or juncture	Handled for sandpaper 451 524+
Saw 76 30+	Dynamic gland 277 538	Manifolding 462 6
Tool 76 82+	Static 277 652+	Continuous form strip-folder
Shaving and Shaver	Ship 114 84	or pocket type 462 6
Brushes D04 135	Sheave (See Pulley)	Music stands 248 441.1+
Design D04 114	Reeling storage 242 388.9+	Pack holders 271 145+
With drip cup or shield 15 248.1+	Shed	Printing 101 415.1
With soap supply 401 268+	Animal husbandry 119 436+	Rack 211 45+
Comminutor type	Buildings 52	Sandpaper disc 451 490+
Ice 30 136+	For jacquard looms 139 64	Shoe last with retainers 12 141
Mill 241 83+	Locomotive 104 51+	Stack rack 211 50+
Vegetable and meat 241	Shedding	Tray 206 557+
Cream 424	Loom 139 55.1	Wall mounted tray 211 88.01
Cups 220	Cam 139 79	Adjustable in size 211 88.02
Electric 30 45	Dobby 139 66 R	Joined 428 57+
Gear 409 37	Jacquard 139 59	Laminate 428 411.1+
Hair planers 30 30+	Sheet and Sheet Material	Making
Design D28 44	(See Composition)	Coating and uniting 156
Hat 223 19	Accounting and listing form 283 66.1+	Drying 34
Kits 132 289+	Advancing material of indeterminate	Electroforming 205 76+
Brush or soap retained 401 118+	length 226	Electrolytic coating metal 205 152+
Pencil (see pencil sharpener) 30 451+	Apertured 428 131+	Glass 65
Razor 30 32+	Associating and folding 270	Metal and foil 29 17.1+
Blades 30 346+	Spacer for drying 34 306+	Metal by rolling 72 199+
Dry shaver 30 43	Bedding 5 482	Pastry rolling 425 363+
Screw head 470 64	Contour bedding 5 497	Pastry rolling 425 335+
Spoke 30 281	Restraining 5 498	Plastic rolling or pressing 425
Woodworking 144 155+	Binder device releasably engaging	Pulp molding compressor 162 396+
Shavings Feeding to Furnace 110 102	aperture or notch of sheet 402	Pulp molding winder 162 283+
Shawls 2 91	Boiler	Metal
Design D02 823+	Crown 122 496	Can making machines 413 26+
Sheaf Handling	Tube 122 512	Cap preparing 413 8+
Binding 56 432+	Bracket shelf of 248 247+	Apparatus 413 56+
Carriers 56 474+	Cloth D05	Pattern and texture design D05 1+
Composite construction 52 334	Coated 428 411.1+	Metal laminate 428 615+
Cornstalk loader 56 120	Sheets 446 108+	Metal shaping (see particular
Carrier 56 121	Composite 428 411.1+	operation)
Crop threshing or separating 460 19	Composite with cellular layer 428 304.4+	Chain making 59 13+
Shocker 56 401+	Composite with foamed layer 428 304.4	Container making 413
Shear Line, Cylinder Lock 70 496	Construction toys of 446 108+	Sprocket chain making 59 6
Shear Pin 464 32+	Container for coiled form 206 389+	Staple making 59 72
Shearing & Shears (See Cutter)	Control (see pattern control)	Wire barbing 140 66
Bolt and rivet making 470 153	Electric circuit maker 200 46	Metal structures and articles 405 276+
Buttonhole 30 120	Stop mechanism 192 126+	Bale tie band 24 23 R+
Can opener 30 428	Cookie 99 422+	Cabinets 312
Cutlery combined	Corner structure 428 81+	Can closures 220 200+

Class Subclass		Class Subclass		Class Subclass	
Chain link	59 91	Baggage convertible	190 9+	Side torso	2 465
Closure seal	292 310+	Bookcase shelving		Armour	109 78+
Connecting rods	74 588	Design	D06 567+	Ship	114 14
Containers	220	Enclosed	312	Brush and broom	
Display packages	206 44 B+	Open	108 59+	Drip	15 248.1+
Drive chain	474 202+	Vertically adjustable	108 147.16	Head	15 175
Electroplating	205 152+	Cabinet with racks or shelves	312	Coffin	27 20
Flumes	405 119+	Showcase type	312 128+	Corner	
Gearing sectional	74 449	Covering	428 68	Baggage	109 37
Heat radiator	165 170	Apertured	428 131+	Building	52 287.1
Hook	24 698.2	Edge fold	428 121+	Counter or display partition	109 11+
Jar closures	215 200+	Design	D06 567+	Curtain shade or screen	160 19+
Nails spikes tacks	411 439+	Detachable ironing board	108 157.12+	Distilling retort	202 224
Piling	405 274+	Detachable shelf-type	108 157.13	Electric	174 350+
Pipe joint	285 424	Drying apparatus		Conductor	174 102 R+
Pulley	474 166+	Removable	34 192+	Ignition	315 85
Rack support for receptacle	211 72+	Shelf to shelf material flow	34 165+	Insulator	174 139+
Railway ties	238 63+	Endless conveyor with coating		Lamp & electronic tube systems	315 85
Railway wheel web	295 22+	support	198 860.1	Radio	455 300+
Resilient clasps	24 530+	Plural conveying sections	198 600	Resistor	338 64+
Sash cord guide casing	16 212	Heat exchange	165 168+	Shock preventive	174 5 R
Seal for a joint or juncture	277	Ironing board with folding support	108 115+	Erasing	451 445
Separable-fasteners	24 572.1+	Loading or unloading	414 266+	Faraday	174 350
Shaft hangers	384 443	Loading or unloading	414 227+	Transformer with	336 69+
Shelf type with support	108	Main or coin chute	232 63	Fire shield, portable	169 48+
Diverse support for articles	108 28	Paper design	D05	Fume flow in arc lamp	314 26+
Metal industrial platform	108 57.32	Rack, plural shelf	108 59+	Hand	
Vertically adjustable	108 147.11+	Shoe or boot rack	211 36	Handling implements	294 131
Spools	242 118.8	Stove	126 332+	Sadiron	38 95
Stove for heating	126 65+	Supports	248 235+	Harness	54 80.1
Stove legs	126 306	Terraced shelf rack convertible		Breast strap	54 59
Nonrectangular	428 80+	to table	108 17	Hitching	119 852+
Nonstructural	428 411.1+	Vertically adjustable	108 144.11+	Loop shields	24 183
Note musical		With structural installation	108 42+	Heat	228 59
Music teaching	84 483.1	With upward extending support	108 149	Heat for spacecraft	244 159.1+
Musical automatic instrument	84 146+	Shell		Heat for spacecraft	244 171.7+
Opening cutter	402 1	Ammunition	102	Aircraft use	244 117 R+
Pack holders	271 145+	Cartridge	102 464+	Metal treatment	148
Package of coiled sheets	206 449+	Design	D22 116+	Nuclear reactions	376 153
Package of flat sheets	206 449+	Explosive	102 473+	Nuclear reactions	376 156
Paper dispensing package	206 449+	Extracting implements	81 3.05	Nuclear reactions	376 913*
Paper wrapping	229 87.01+	Feeding devices (see gun		Light filters	359 885+
Mailing	229 92	loading)	86 46	Locked	70 158+
Pavement	404 17+	Loading	86 23+	Mast	114 93
Combined block and	404 18	Making	86 10+	Ordnance	89 36.01+
Perimeter structure	428 81+	Making metal working	86 51+	Design	D22 112
Picture support of	248 441.1+	Brake shoe	188 254	Piston splash	92 141
Piling	405 274+	Edible		Propeller marine	440 71
Printing smut preventing	101 419	Cereal	426 138+	Radiator	237 79
Railway tie		Design	D01	Automobile	293 115
Folded sheet	238 77	Electrical connector socket	439 753+	Radioactivity	250 515.1
Reinforcing	238 93	Foundry molds	164 361	Geiger muller tube having	313 93
Receptacle stand of	248 152	Shell openers	30 120.1	Nuclear reactions	376 153
Receptacle support of	211 72+	Shellac	530 201	Nuclear reactions	376 156
Ribbed	428 161+	Sheller	460 45	Nuclear reactions	376 913*
Roofing	427 147+	Corn	460 45+	Rigid shield or pad positioned	
Sorting type rack	211 10+	Feeders for	460 16+	between article & bearer	224 907*
Spacer	402 80 R	Green	99 567	Solder splash	228 21
Spliced	428 57+	Cutlery	30 120.1+	Surgical	128 849+
Spot bonded	428 198+	Nutcracker	30 120.2	Headed securing rod	403 360
Stand of	248 174	Pea	460 131	Tunnel	405 141
Stencil	101 127	Vegetable cutter combined	99	Windshield	
Structurally defined	428 98+	Shellfish		Aircraft	244 121
Structurally defined element		Apparatus	452 1+	Harvester	56 190
therein	428 221+	Apparatus	452 12+	Vehicle storm fronts	296 77.1+
Tearing or breaking	225	Openers	452 1+	Ventilating cowl	454 138
Testing sheet material	73 159+	Openers	452 13+	Windshield, vehicle	296 84.1+
Bursting strength	73 838+	Crustacean culturing	119 204+	X ray	250 515.1
Flatness, optically	356 600	Dredgers	37 315	Bucky grid	378 154
Transparency, optically	356 432+	Mollusk culturing	119 234+	Shutter or diaphragm type	378 145
Thread for pin type insulator	174 204	Scoops	37 316	Tube structure	378 140
Treating		Scoops	37 444	Variable aperture	378 150
Abrasive applying	451 458	Shelves (See Shelf & Shelving)		Shifter	
Brushing machines	15 77	Sherbets	426 101+	Belt	474 101+
Chemically cleaning	134	Design	D01	Railway cable	104 198
Coating	118	Shield (See Guard; Protection; Screen; Stencil)		Brush	
Coating electrolytically	205 159+	Abrading	451 454	Dynamolectric	310 241
Cutting	83	Button cleaning	451 448	Generator system	322 54+
Drying apparatus	34 611+	Anti-magnetic, anti-inductive	174 350	Motor system	318 541+
Drying method	34 419+	Apparel	2 459+	Changeable exhibitor	40 446+
Gas contacting	34 444+	Abdomen	2 464	Copyholder copy or line guide	
Heat	108 28	Armpit	2 53+	(see copyholder)	40 341+
Ironing shaking out	38 143	Back	2 467	Feeding table for metal rolling	72 222
Radiant heating	34 273+	Brassiere	450 37	Railway cable	104 198
Stencil making	101 128.4	Chest	2 463	Track or tie	254 43
Wiping machines	15 102	Corset or girdle	450 153	Laying	104 4
Unwinding	242 570+	Design, garment	D02 860+	Typewriter case	400 251+
Winding	242 520+	Dress shield making	223 54	Shifting Field Motor	310 172
Wrapper for coiled form	206 389+	Groin	2 466	Shim Rod (See Nuclear, Control)	376 207
Wrinkled	428 152+	Neck	2 468	Shim rod	376 327
Shelf and Shelving	108	Shoulder	2 459+	Shim rod	376 219
Attached laterally of support	108 152			Shim rod	376 347

Class Subclass		Class Subclass		Class Subclass	
Shims		Mens outer.....	2 115+	Rack.....	211 34+
Bearing adjusting.....	384 626	Pajama.....	2 114	Riding.....	36 131
Brake slack adjusting.....	188 201	T-shirt.....	D02 717	Rubber.....	36 4
Shingle	52 518+	Trousers supported by.....	2 229	Running.....	36 129
Container.....	206 323+	Under.....	2 113+	Sandal.....	36 11.5
Gauges.....	33 648+	Union type bifurcated.....	2 77	Sewing machines.....	112 28+
Combined with hatchet or hammer.....	7 122+	Vest combined.....	2 103	Shoehorns.....	223 118+
Making.....	83 920*	Shock Absorber (See Dashpot)		Shoelace design.....	D02 978
Making machines woodworking.....	144 13	Dial indicator type.....	33 DIG. 6	Shoelace racks.....	211 61
Sawing.....	83 704+	Fluid.....	188 266+	Shoemakers bench.....	12 122
Roofing coating.....	427 186	Thrust member, variable volume chamber.....	188 297+	Skate attaching.....	280 11.3+
Ship	114	Harvester reciprocating cutters.....	56 306	Ski.....	36 117.1+
Anchor.....	114 294+	Nuclear reactor control.....	376 234	Slippers for inside.....	36 10
Automatic controlled steering.....	114 144 R+	Component combined.....	376 285	Sole attaching means.....	36 12+
Ballasting.....	114 121+	Nuclear reactor control.....	376 327	Soles.....	36 25 R+
Bilge discharge.....	114 183 R+	Recoil ordinance.....	89 42.01+	Strap tighteners.....	24 68 SK+
Building.....	114 65 R+	Spring type.....	267	Support feature.....	36 88+
Bulkheads and doors.....	114 116+	Bed.....	5 253	Track.....	36 129
Cable stoppers.....	114 199+	Support type, nonresilient.....	248 636+	Uppers.....	36 45+
Caissons.....	405 12	Support type, resilient.....	248 562+	Water proofed finish.....	36 98
Canals.....	405 84+	Suspended machine.....	248 610+	Brake.....	188 250 R+
Centerboards.....	114 127+	Testing.....	73 11.01+	Beam combined.....	188 219.1+
Clamps for ship planking.....	269 91+	Textile feeding knitting.....	66 130	Fasteners.....	188 234+
Coaling and loading.....	414 137.1+	Vehicle		Momentum operated wedging.....	188 136
Traversing hoists.....	212 72	Active suspension control.....	280 5.5+	Railway chock roller type.....	188 37
Condensers.....	165 41+	Body suspension frame.....	280 784	Railway side.....	188 59
Course recorder.....	346 8	Fender.....	293 132+	Railway top.....	188 57
Design.....	D12 300+	Fluid absorbs.....	293 107+	Railway track rotary.....	188 39
Drydocks for.....	405 4+	Railway.....	105 392.5	Vehicle fender combined.....	293 8
Engine room telegraph.....	116 21	Railway coupling.....	213 7+	Vehicle type top.....	188 29
Electrical.....	340 286.04+	Running gear.....	280 124.1+	Wagon type retreating.....	188 15
Furniture.....	114 188+	Seat.....	297 216.1+	Wear compensation.....	188 215
Hatches and covers.....	114 201 R+	Weighing scales.....	177 184+	Wheel rotary.....	188 80
Ice boats.....	114 43+	Shocker and Shock Delivery		Bridge truss.....	14 15
Ice breakers.....	114 40+	Electric		Cleaning (see polishing & cleaning)	
Indicating and signaling		Amusement devices.....	472 56	Cleat or spike.....	D02 962
Course recorder.....	346 8	Animal restraining devices.....	119 908*	Demonstration.....	434 397
Course signaling.....	116 19	Bandaging.....	602 2	Filling compositions.....	106 38
Navigation instruments.....	73 178 R+	Check operated.....	194	Flatiron attachments.....	38 97
Rudder position.....	116 303	Electric chairs.....	128 898+	Harvester cutter member.....	56 303
Running lights.....	362 477+	Electric fences.....	256 10	Track clearers with socket.....	56 318
Shoal water alarms.....	116 113	Electrocuting animal.....	43 98	Horn.....	223 118+
Telegraphs.....	116 21	Electrocuting trap insect.....	43 112	Design.....	D02 642
Keels.....	114 140+	Fishing.....	43 4	Lace.....	D02 978
Ladders.....	182 82+	Trawl net type.....	43 9.6	Lace tip applicator.....	29 243.57
Steps level.....	182 1	Food preservation.....	426 237+	Panel hangers or travelers.....	16 93 R+
Launching.....	405 1	Food preservation apparatus.....	99 451	Pedals with clips for.....	74 594.6
Life craft handling aboard.....	114 365+	Kinesitherapy eg massage.....	601 84+	Plow.....	172 764
Lifting mechanism.....	114 50+	Kinesitherapy eg massage.....	602 2	Body shoe and guide.....	172 764
Liquid purifier type.....	210 242.1	Medicators.....	604 20+	Polishing and cleaning	
Mother.....	114 258	Miscellaneous.....	361 225+	Applicator carried by closure.....	401 126+
Nautical signalling.....	116 26+	Receptors.....	604 20+	Brushing machine.....	15 36+
Personal watercraft.....	114 55.5+	Safes.....	109 35	Brushing machine with polish supply.....	15 30+
Ports.....	114 173+	Sterilizing method.....	422 22	Composition.....	106 3+
Propellers.....	416	Surgical applications.....	607 1+	Implement with material supply.....	401
Propulsion.....	440	Surgical instruments.....	606 32+	Mitts cots and shoes.....	15 227
Raising and docking.....	114 44+	Therapy, medical.....	607 149	Shoe blacking stands.....	15 265+
Refrigeration.....	62 240	Harvester.....	56 401+	Shoe impregnated or coated with cleaning material.....	15 104.94
Repairing.....	114 44+	Shoe		Rack.....	211 34+
Running lights.....	362 477+	Animal wear.....	36 111	Railway switch point throwers.....	246 269
Sailboard and rig means.....	114 39.12+	Design.....	D30 146+	Safety.....	36 77 R
Sailboats.....	114 39.21+	Farriery.....	168	Shine kit.....	D03 200
Sails and rigging.....	114 102.1+	Making.....	59 36+	Shine machine.....	D32 14.1
Scows.....	114 26+	Oxshoe making.....	59 70	Shine stand with seat.....	D06 334+
Sounding and depth measuring (see sounding)		Apparel.....	36	Shoehorn.....	D02 642
Spars.....	114 89+	Accessory.....	36 136+	Snow.....	36 122+
Speed control automatic.....	114 144 R+	Anti-slipping devices.....	36 59 R+	Third rail collector.....	191 49
Steering mechanism.....	114 144 R+	Athletic.....	36 114+	Trees.....	12 114.2+
Stoves.....	126 24	Bathing.....	36 8.1	Design (see brake)	D02 979
Submarines.....	114 6+	Bowling.....	36 130	Vehicle (see brake)	
Torpedo boats.....	114 18+	Box.....	206 278	Earth working tool with.....	172
Torpedo guards.....	114 240 R+	Buttoners.....	24 40	Fender with car control.....	293 8
Torpedoes.....	114 20.1+	Cement.....	36 DIG. 1	Railway draft central friction post.....	213 36
Towing or pushing.....	114 242+	Cleaning type.....	15 227	Railway draft friction casing.....	213 32 R+
Ventilation.....	114 211	Cleat.....	36 134	Railway draft spring and friction.....	213 24
Ventilation of grain cargo.....	454 80	Design.....	D02 896+	Two wheeled scoop with.....	37 439
Warships.....	114 1+	Foot elevators.....	36 81	Water.....	441 76+
Shipper		Football.....	36 128	Well casing.....	166 242.8
Clutch.....	192 98	Heels.....	36 34 R+	With cutting or scraping means.....	175 402
Marine vessel rudder.....	114 165	Insoles.....	36 43+	With screen.....	166 157
Side cut mower automatic clutch.....	56 274	Jumping.....	36 7.8	Shooting Gallery Game	D21 306+
Transmission control and brake.....	192 224.3	Lacing devices.....	24 712	Shooting Lines	
Shirring	223 28+	Light thermal and electrical.....	607 1+	Fishing apparatus.....	43 6
Cords for flexible bags.....	383 72	Making (see boot making).....	12	Line carrying ammunition.....	102 504
Garment trimming.....	2 244	Non-leather.....	36 84+	Bomb lances.....	102 371
Sausage casing.....	452 21+	Occupation specialized.....	36 113	Line projector or projectile.....	182 50
Sewing machines.....	112 132+	Ornaments.....	2 245	Explosive.....	89 1.34
Shirt		Patterns.....	33 3 R+	Shooting Targets	D21 302+
Coat combined.....	2 95	Plastic.....	36 DIG. 2		
Collar attaching to.....	2 139+	Pricking soles.....	83 866+		
Design.....	D02 840+	Putting on and removing aids.....	223 113+		

	Class	Subclass		Class	Subclass		Class	Subclass
Shopping Bag	383	6	Testing for	73	159+	Sight		
Handle attaching	493	226	Textiles	26	18.5	Bow, arrow	33	265
Shopping, Electronic	340	5.9+	Thread compacting	26	18.6	Dispenser inspection	222	154+
Computerized	705	26+	Tire	72	292	Drift	33	320
Shorings			Shrinkproofing Fabrics	26	18.5+	Feed lubricator	184	96+
Earth control	405	272	Shrunk Fit			Glass liquid level gauge	73	323+
Mine roof props	405	288+	Design	285	381.1+	Gun	42	111+
Trench walls	405	282+	Shuffleboard	273	126 R	Design	D22	109
Short Circuit			Design	D21	321	Design, telescopic	D16	132
For arc lamps	314	10+	Shunt			Fiducial telescopes	356	247+
For incandescent lamps	315	119+	For electromagnet	335	236+	Illuminated sights	362	110
Safety device	174	5 R	Resistor	338	49	Letter box signal	232	34+
Safety system	361	1+	With meter	324	126	Line controlled scribe	33	20.1+
Shortening	426	601+	Shutter			Opening in umbrella	135	33.7
Shorthand			Architectural design	D25	47+	Projector	362	383
Code	283	46	Camera	396	452+	Telescopes	359	429+
Writing form	283	45	Automatic control	396	213+	Sign and Sign Exhibiting	40	584+
Teaching	434	158+	Copying camera	355	71	Circuit control flashing light etc.	40	902*
Typewriter	400	91+	Curtain	396	479+	Clerical desk article combined	40	358
Shot			Delayed releaser	396	472+	Directional design	D20	29+
Blasting	72	53	Diaphragm	396	505+	Electric signal display system	345	+
Metal working digest	29	DIG. 36	Focal plane	396	452+	Fiber optics, eg light pipe	40	547
Cartridges	102	448+	Image projector	353	88+	Frame	D19	52
Earth boring by	175	54	Iris type	396	493+	Illuminated	40	541+
Making	86	57+	Mechanical testing	73	1.42+	Illumination itself	362	812*
Metal making			Motion picture	352	204+	Mirror having changing effect	40	900*
Apparatus	425	6+	Optical testing	73	1.42+	Mounting bracket	D08	354+
Processes	264	5+	Pivoted leaves	396	493+	Out-to-lunch type signs	40	907*
Shotgun	D22	103	Sliding plate	396	483+	Pen and pencil x-art collection	40	905*
Shotguns (See Rifle)	42		Check controlled	194		Reflecting triangle for highway use	40	903*
Design	D22	103	Curtain shade or screen combined	160	104	Roadway warning	D20	10+
Shot-Put	482	22	Fastener or hook for	D08	349+	Sound x-art collection	40	906*
Shooting			Ladder convertible	182	21	Street	40	612
Cleaning machine	15	95+	Operator	49	324+	Supports	248	466+
Methods	134	7	Projector illuminating	362	277+	Towed through sky	40	215
Shoulder			X ray	378	160	Tv or radio program indicator	40	901*
Braces pads and supports	2	45	Shuttle			Vehicle motion and direction	116	42+
Back and	2	44	Boxes	139	183	Warning reflector or flasher	D10	114+
Body protecting	2	459+	Braiding tatting and netting	87	54+	Window shade	160	10
Brassiere combined	450	2	Changing in looms	139	234+	Sign, Illuminated	362	812*
Corset or girdle combined	450	96	Gripper	139	196.2+	Signal	116	
Garment shaping	2	268	Sewing machine	112	185+	Acoustic	116	67 R+
Garment supporting	2	305	Sewing machine	112	232+	Bells	116	148+
Rests for violinists	84	280	Design	D15	72	Horns	116	137 R+
Combined with chin rest	84	278	Threaders	139	381+	Sirens	116	147+
Tang holding chuck	279	89+	Winding			Whistles	116	137 R+
Shovel			Sewing machine	242	484.7+	Alarms	116	67 R+
Crane	212	243	Tatting	242	472	Amplifier condition	330	2
Excavating	37	379+	Shuttlecock	473	579+	Annunciators	340	815.4+
Design	D08	10	Design	D21	711	Arc lamp	314	9
Hand manipulable	294	49+	Sialon Refractory Compositions	501	98.1	Automobile horns	116	137 R+
Design	D08	10	Sickle			Awakening device (see awakener)		
Making			Hand manipulable	30	309	Balloons	116	DIG. 9
Blanks and processes	76	113	Machine using	56	229+	Bank protection	109	21
Dies	72	470+	Side Lights	362	503+	Beverage infuser	99	285
Plow or cultivator type	172	768	Side Lock (See Lock)			Bicycle bells	116	166
Railway car loading	414	340+	Sidearms	D22	100+	Boiler combined	122	504.2
Repositioning support to load or unload	414	349+	Sidebar, Cylinder Lock	70	496	Brake wear	188	1.11
Snow	294	54.5	Sideboard			Buoy	116	26+
Train of vehicles	414	339	Cabinet	312		Burglar electric	340	541+
Showcase			Design	D06	432+	Burglar mechanical	116	6+
Cabinet	312	114+	Fully enclosed storage	D06	432+	Cabinet with	312	234
Design	D06	432+	Dumping vehicle	298		Calculator or register combined	235	128
Outdoor type	312	102	Refrigerator combined	62	258	Check controlled apparatus		
Illumination	362	125	Sidehill Implement			Check in circuit	194	304+
Joint between glass walls	312	140	Harvester platform adjustment	56	209	Check operated switch	194	239+
Show or picture window	52	777+	Land vehicle body levelling	280	6.154+	Clock alarm	368	244+
Show or picture window	52	764+	Plows	172	204+	Electrically operated	368	250+
Shower (See Sprinkling)			Steam traction vehicle boiler			Closure position	49	13
Bath	4	615+	levelling	180	39	Code signalling	116	18+
Hot air combined	4	525+	Tank or boiler	280	7	Coin operated	194	
Surgical	607	81+	Sideslip	73	180	Consumable electrode	314	9
Design	D23	283	Siding	52	474+	Conveyer power driven	198	502.1+
Design, cap	D02	867+	Shingle type	52	518+	Cooking apparatus	99	342+
Heads	239	548+	Sieve			Design, instruments	D10	104+
Design	D23	213+	Liquid material	210	348+	Detonating (see detonators, signal and indicators)		
Temperature control of water	236	12.1+	Solid material	209	233+	Dispenser combined	222	23+
Shrapnel	102	491+	Sifter and Sifting (See Screen)			Distance measurement combined	33	740+
Shredded Cereal Biscuit	426	560	Cabinet with	312	210.5	Cutting combined	83	522.11+
Apparatus	425	289+	Dispenser combined	222	189.02+	Tearing combined	225	18
Design	D01		Kitchen utensil	D07	667	Drawbridge	14	49
Shredders and Shredding			Pneumatic conveyer intake	406	121	Dropping, ordnance	89	1.51+
Metal	241	4.51+	Potato diggers	171	71+	Earth boring combined	175	40+
Shrimp			Potato diggers	171	111+	Electric	340	
Processing for food	452	2+	Separating solids			Alarms	340	500+
Shrink Fit (See Shrunk Fit)			Combined operations	209	12.1+	Arc lamp	314	9
Shrinking			Comminuting surface apertured for	241	83+	Extinguisher combined	340	289
Metal bands by hammering or pressing	72	399+	Comminution and gas borne material	241	49+	Float gauge combined	73	308
Shrink fitting	29	447	Comminution combined	241	68+	Lamp system	315	129+
Metal working digest	29	DIG. 35	Stove ashpan	126	244	Noise or unwanted signal reduction	367	901*

Class Subclass	Class Subclass	Class Subclass
Radio analog..... 455	Ships telegraph..... 116 21	Room-temperature curable..... 528 901*
Radio directive..... 343	Speaking tubes..... 181 19	Silicon Steel 148 110+
Radio pulse or digital..... 375	Street traffic..... 116 63 R+	Silicone 556 465+
Telegraphy..... 178	Support structure..... 246 415 R	Compositions..... 106 287.13
Telephony..... 379	Telephony	Sililation of Polymers 525 100+
Vehicle mounted..... 340 425.5+	Central system..... 379 242+	Silk
Elevator	Divided central..... 379 310+	Artificial making
Electric..... 187 391+	Thermostatic regulator combined..... 236 94	Apparatus..... 425 66
Alarm..... 187 390	Time..... 368 243+	Apparatus..... 425 67+
Mechanical..... 116 64	Tire deflation..... 116 34 R	Apparatus..... 425 76
Mechanical alarm..... 116 68	Electric..... 340 442	Apparatus..... 425 382.2
Expansible chamber motor combined 91 1	Torpedo for railway..... 246 210+	Processes..... 264 165+
Fire alarm	Placing mechanism..... 246 487	Chemical treatment..... 8 128.1+
Extinguisher combined..... 340 289	Track sander combined..... 291 17	Degumming..... 8 138
Flame..... 340 577+	Traffic..... 116 63 R	Fermentative treatment..... 435 268
Smoke..... 340 628+	Electric..... 340 907+	Liberating..... 19 3
Systems..... 340 287+	Typewriter ribbon..... 400 249+	Screen printing..... 101 114+
Thermal control..... 340 584+	Underwater sound waves..... 367 131+	Process..... 101 129
Fire escape..... 182 18	Vehicle..... 116 28 R+	Thread finishing..... 28 217+
Fire extinguisher combined..... 169 23	Watches alarm..... 368 244	Silkworm Culture 119 270
Fishing..... 43 16	Signal Processing By Storage and 369 60.01	Sill 52 204.1
Automatic hooker..... 43 17	Subsequent Retrieval (E.g., 369 60.01	Railway car..... 105 396+
Flags & flagstuffs..... 116 173+	Frequency Shift, Delay) 369 60.01	Weatherstrips..... 49 303+
Flexible panel combined..... 160 10	Signaling Teaching 434 223	Sillimanite
Float gauge combined..... 73 307+	Signature Gatherers and Conveyors	Ceramic containing..... 501 141+
Foghorn..... 116 137 R	Conveyor power driven..... 198 644	Porcelain containing..... 501 141+
Electric actuation..... 340 384.1+	Machine for writing several..... 33 23.06	Refractory containing..... 501 128+
Folder carried indicia..... 40 359	Sheet associating..... 270 58.01+	Silos
Foot operated linkage..... 74 514	Signing machine..... D18 21	Circular..... 52 245+
Gas separator combined..... 96 417+	Silastic T M (See Synthetic Resin or	Compacting ensilage..... 100 65+
Illuminated by locomotive	Natural Rubber)	Portable, & means for erecting..... 414 919*
headlight..... 362 478+	Silazanes 568 410+	Prestressed..... 52 223.3+
Index card..... 283 36+	Silencer (See Insulating, Sound;	With port..... 52 192+
Lamp for vehicle..... D26 28	Muffle; Noise Deadening)	Siloxanes 556 450+
Lamp or reflector..... D10 111+	Firearm and gun..... 89 14.4	Resinous solids (see also synthetic
Lantern..... 362 166+	Muffler for firearm..... 181 223	resin or natural rubber)..... 528 10+
Letter box..... 232 34+	Silent Butler D32 74	Silver
Life in undertaking..... 27 31	Silica 423 335	Alloys..... 420 501
Liquid purification..... 210 85+	Abrasive compositions containing..... 51 308	Chest or box for..... D03 903*
Lock condition..... 70 441	Absorbents containing..... 502 407+	Composite metal stock..... 428 673
Masts and flagstuffs..... 116 173+	Aerogel for coating composition..... 106 287.34	Electrodeposition..... 205 263
Mechanical..... 116	Catalysts containing..... 502 232+	Electrolytic synthesis..... 205 571
Mirror combined..... 359 515+	Cement containing..... 106 737	Mercury alloy..... 205 559
Nautical..... 116 26+	Gel..... 516 98+	Hydrometallurgy..... 75 711+
Open top liquid heating vessel..... 126 388.1	Intermediate in making silica..... 423 338	Organic compounds..... 556 110+
Ordnance..... 89 1.51+	Glass compositions containing..... 501 53+	Proteins..... 530 400
Periodic..... 116 22 R+	Glass manufacturing..... 65	Pyrometallurgy..... 75 634+
Pneumatic dispatch..... 406 34+	Lime compositions containing..... 106 796+	Silverware
Press combined..... 100 99	Lubricants containing..... 508	Chest or box for..... D03 903*
Pyrotechnic..... 102 335+	Silicane 556 465+	Sorter..... 209 926*
Cartridge..... 102 346	Silicates & Silicon Compounds,	Tray or container..... 206 557
Design..... D22 112+	Inorganic 423 324+	Simulations
Parachute flares..... 102 337+	Abrasive compositions containing..... 51 308	Article dispensing..... 221 24
Railway torpedos..... 246 487	Absorbents containing..... 502 407+	Artificial intelligence..... 706 920*
Skyrocket..... 102 347+	Catalysts containing..... 502 232+	Cabinets with..... 312 204
Torches..... 102 336+	Coating or plastic compositions	Display..... 40 538+
Railway..... 246	containing	Material dispensing combined..... 222 80+
Audible and other signal..... 246 217	Alkali metal..... 106 286.7+	Pyrotechnics..... 102 335
Audible for switch..... 246 217	Carbide..... 501 87+	Supports digest..... 248 908*
Block signal systems..... 246 20+	Glass..... 501 11+	Toys..... 446
Bridge warning..... 246 486	Lime combined..... 106 792+	Velocipedes..... 280 827+
Cab signal..... 246 167 R+	Opacifiers for enamels..... 106 312	33 536+
Crossing signal on train..... 246 208	Pigments fillers aggregates..... 106 400+	Sine Bar 452 172
Dispatching combined..... 246 2 R+	Portland cement type..... 106 713+	Sine Removing 452 172
Drawbridge protection..... 246 118+	Portland cement type making..... 106 739+	Singeing
Electric actuation..... 246 218+	Refractories..... 501 94+	Cloth finishing..... 26 3+
Fluid motor actuation..... 246 257+	Slag..... 106 789+	Electric burner..... 219 223+
Grade crossing..... 246 111+	Detergents containing..... 510 511+	Hair combs for..... 132 118
Highway crossing..... 246 292+	Dyeing..... 8 523+	Hogs..... 452 73
Highway crossing electric..... 246 125+	Fertilizers containing..... 71	Thread finishing..... 28 239
Interlocking..... 246 131	Hydrofluosilicic acid..... 423 341	Warps..... 28 174
Mail delivery..... 258 2	Lubricants containing..... 508 110+	Single Crystal (See Crystallization)
Mechanical motor actuation..... 246 262+	Organic compounds..... 556 400+	Single Grid Twin Plate Control Tube 313 303
Passenger at station..... 246 209	Esters..... 556 482+	Single Roll Crusher 241 221+
Pilot car..... 246 166	Silica..... 423 335	Singletree
Roadway defect..... 246 120+	Silicofluorides..... 423 324	Horse detacher
Signal car..... 246 166	Silicic Acid 423 325	From thill or evener..... 278 32
Torpedo..... 246 487	Silicofluoric Acid 423 341	Traces from singletree..... 278 24+
Torpedo placing..... 246 210+	Silicofluorides 423 324+	Sink (See Receptacles) 4
Traction cable..... 104 179	Silicol 556 463	Cabinet combined..... 312 228
Train dispatching..... 246 2 R	Silicon (See Semiconductor 423 348	Design..... D23 284+
Train position..... 246 122 R+	Processing) 423 348	Disappearing bowl..... 4 DIG. 2
Tunnel warning..... 246 486	Alloys	Drain board or tray..... D32 56
Vehicle energy actuation..... 246 270 R+	Aluminum..... 420 548	Lining mat..... D32 57
Whistle..... 116 137 R+	Aluminum copper..... 420 537	Plumbing for sink traps..... 4 679+
Recorder..... 346	Copper..... 420 490	Strainers and stoppers..... 4 286+
Recorder combined..... 346 17+	Metallic..... 420 578	Structure..... 4 619+
Reeling tension device..... 242 128	Carbide..... 423 345	Tub combined..... 4 553+
Rudder position..... 116 303	Ferro producing..... 420 578	Sinker
Safes combined..... 109 38+	Organic compounds in compositions 106 287.1+	Fishing type..... 43 43.1+
Security instrument..... D10 104+	Polymers (see synthetic resin or	Design..... D22 145
Sheet carried indicia..... 40 360	natural rubber)	Knitting machine..... 66 104+
		Traps..... 43 68

Class Subclass		Class Subclass		Class Subclass	
Sinkhead	249 106	Ski (See Aquaplane; Sled)	280 601+	Machine pistons.....	92 208+
Sintering		Apparel design.....	D02 744+	Skiving	
Apparatus, ore.....	266 176	Bindings.....	280 611+	Leather.....	69 9+
Stationary grate.....	266 185	Clamp type having plural		Shoe.....	
Cellular synthetic resin or natural		diverse axes clampspcs.....	280 DIG. 12	Toe and heel stiffeners.....	12 62+
rubber product.....	521 919*	Controlled by skier postion		Upper machines.....	12 58
Ceramic composition.....	501 1	or by remote control.....	280 DIG. 13	Sku Codes	
Clay.....	264 603+	Brake.....	280 604+	Sensing item or product.....	705 23
Glass granules.....	65 17.3	Carriers.....	224 917*	Skullcaps	D02 865+
Apparatus.....	65 144	Carriers, hand.....	294 147	Skylight	52 200
Ores.....	75 746+	Case.....	206 315.1	Clerestory.....	52 18
Portland type cement making.....	106 739+	Clamp.....	280 814	Skyrockets	102 347+
Powder metallurgy		Design.....	D21 766+	Skywriting	40 213
Processes.....	419	Exercise device.....	482 71	Slabs (See Panel)	
Liquid phase.....	419 47	Handle or grip design.....	D08 DIG. 6	Mixing.....	433 49
Products.....	75 228+	Poles and sticks.....	280 819+	Reinforced concrete.....	52 600+
Processes.....	432 1+	Presses.....	280 815	Slack Adjuster	74 522
Lime gypsum cement.....	106 765+	Simulators.....	280 842	Brakes.....	188 196 R
Sinusoidal Generator		Slide.....	472 90+	Slag	
Electronic tube type oscillator.....	331	Snow, ie, non-water, powered.....	180 180+	Cement.....	106 789+
Generator structure.....	310	Shoe fasteners.....	280 611+	Coating or plastic compositions.....	501 28
Generator system.....	322	Trail groomer.....	37 219+	Inorganic setting material	
Siphon		Teaching skiing.....	434 253	containing.....	106 789+
Acetylene generator.....	48 17	Water skis.....	441 68+	Portland cement.....	106 714+
Boiler.....	122 68	Tow line.....	114 253+	Electric welding with.....	219 73
Bottle.....	215 4+	Work holder for.....	269 906*	Glass electric melting of.....	373 27+
Design.....	D07 300.1	Skid		Portland type cement making from.....	106 767
Filling.....	141 14+	Aircraft landing gear.....	244 108	Recovering metal values from.....	75
Bowl.....	4 421+	Anti		Separating, metallurgical.....	266 227+
Code recorder.....	178 91	Armored resilient tire.....	152 167+	Utilization other than wool	
Dispensers.....	222 416	Boots and shoes.....	36 59 R+	Apparatus.....	65 141+
Discharge assistant combined.....	222 204	Devices for resilient tires.....	152 208+	Process.....	65 19+
Fluid flow meter.....	73 222	Chain applier.....	81 15.8	Wool	
Fluid handling.....	137 123+	Inverted vehicle.....	280 32	Compositions.....	501 36
Automatic.....	137 132+	Platform.....	108 51.11+	Making apparatus.....	425 6+
Lubricator.....	184 85	Railway		Manufacturing.....	65 376+
Plumbing.....	137 247.11+	Car stop.....	104 260	Slaking	
Syringes.....	604 131+	Truck.....	105 216	Lime.....	423 640
Water closet		Skidding		Apparatus.....	422 162
Siphon bowl.....	4 421+	Traversing hoist.....	212 167	Slant-Board	482 142+
Tank.....	4 368+	Skidway.....	193 38+	Slashing Strand Treatment	28 178+
Siren		Hoisting rope combined.....	414 571	Slat and Slatted	
Design.....	D10 120	Railway.....	104 134+	Bed.....	5 236.1+
Electric.....	340 404.1+	Vehicle loading conveyor.....	414 537+	Blind slat holder.....	292 345
Toy.....	446 205	Skilllet	126 373.1+	Curtain shades and screens.....	160 130+
Sirup (See Syrups)		Skimmer		Slats per se.....	160 236
Sizing (See Assorter)		Concentrating evaporator.....	159 42	Tenoning.....	144 199+
Bread, pastry and confections.....	99 352+	Fermentation apparatus combined.....	435 283.1+	Floor covering.....	52 660+
Chain making.....	59 29	Floating separator.....	210 242.1	Shutter slats	
Coating compositions		Froth flotation.....	210 221.1	Vehicle body top.....	296 118+
Natural resin containing.....	106 238	Gravitational separator.....	210 513+	Venetian blind.....	160 166.1+
Protein containing.....	106 124.1+	Stratifiers.....	209 493	Washboards.....	68 230
Starch containing.....	106 206.1+	Skimobile	180 182	Wire and slat fabric.....	245 11
Coating processes.....	427	Skin Diving (See Diving Apparatus)		Crate.....	217 51
Dyeing processes combined.....	8 495+	Skinner		Making.....	140 25+
Finger ring forming and.....	29 8	Animal or fish.....	452 125+	Slate	
Hat making.....	223 10	Nut.....	99 584+	Separating from coal.....	209
Paper tube making.....	493 269	Skins and Leather		Writing surface.....	434 423+
Textiles chemical modification of.....	8 115.6	Carroting of fur.....	8 112	Slaughtering	452 52+
Warp threads.....	28 178	Cutting for grafting.....	606 132	Sled	280 845+
Skate and Skaters Appliances		Dyeing.....	8 436+	Brakes.....	188 8
Clamp for sharpening by abrading.....	451 383	Electrolytic treatment processes.....	205 692	Automatic operator.....	188 128
Design.....	D21 760+	Fluid or chemical treatment.....	8 94.1 R+	Design.....	D12 6+
Ice, powered.....	180 180+	Manipulative.....	8 150.5	Dumping vehicles.....	298 4
In-line type (design).....	D21 764	Forming integral skin, plastic		Earth working tool with.....	172 387+
Roller, powered.....	180 180+	and non-metallic.....	264 45.5+	Excavating	
Sharpening by cutting.....	76 83	Skip		Scoops.....	37 411
Skaters supports.....	482 51+	Chute for rotary drum.....	193 10	Occupant-steered.....	280 16
Roundabout type.....	472 1+	Furnace charging.....	414 178	Powered, eg, snowmobile.....	180 182+
With seat.....	297 5+	Accumulating means before		Shuffler, eg stepper, type.....	180 187
And runners or wheels.....	280	release.....	414 168	Toboggan.....	280 18
Skating surface for.....	472 88+	Loading or unloading.....	414 639+	Water.....	441 65+
Snow.....	280 600	Mortar mixer feeding.....	366 39	Wheels combined.....	280 8+
Design.....	D21 761+	Liquid and.....	366 36	Sledways	104 134+
Strap.....	280 11.3	Vertically swinging load handler.....	414 680+	Sleep Sofas	5 12.1+
Water.....	441 65+	Skipping		Sleeping	
Wheels for.....	301 5.301+	Exercising devices.....	482 81+	Awakeners (see awakeners)	
Skeeball Game	273 352	Figure toys.....	446 311+	Bag.....	2 69.5
Skein		Rope skipping.....	446 307	With bed or tent structure.....	5 413 R
Axles.....	301 134+	Skirt		Car.....	105 314+
Fluid treating package.....	8 155.2	Christmas tree base.....	D11 130	Sleeping Mask	D16 301
Reeling.....	441 26+	Electrical insulators.....	174 80	Sleeve	
Holders.....	242 127	Garment.....	2 211+	Apparel	
Winding.....	242 472.5	Apron.....	2 48+	Adjustable length.....	2 269+
Skeining	28 291	Design.....	D02 851+	Mens shirts.....	2 125+
Skeleton		Forms.....	223 68+	Protectors.....	2 59
Figure toys.....	446 373+	Hangers.....	223 95+	Sleeve holders.....	24 15
Keys.....	70 394	Hem etc markers.....	33 9 R+	Sleeve holders design.....	D02 625
Plug valve.....	251 310+	Hoop skirt making.....	223 6	Appliers and removers.....	29 282
Towers.....	52 651.01+	Protectors.....	2 47	Force multiplying operator.....	29 244+
Skelping Metal	72 176+	Protectors design.....	D02 860+	Hand grippers.....	29 280+
Skewer	99 419+	Union type.....	2 71+	Manufacturing type.....	29 234

Class Subclass		Class Subclass		Class Subclass	
Manufacturing type resilient	29 235+	Seal for a joint or juncture	277 423+	Smart Card	
Bearings	384 276+	Slingshot	124 17+	For sales tax payment	705 19
Roller	384 569	Design	D22 106	For electronic funds transfer	705 39
Rotary thrust collar and	384 275	Slip (See Apparel)		For remote banking	705 42
Chuck pipe and rod joints	403 300+	Covers for chairs and seats	297 219.1+	Using an atm	705 43
Auxiliary detent operated by	285 82+	Drill pipe or rod	175 423	With encrypted data	705 70
Chucks or sockets	279	Ferry slip	114 231	Requiring authorization	705 44
Duplicate ends intermediate	285 66	Key slip for musical instrument	84 80	To pay bills	705 40
Electric conductor	174 84 R+	Rings electric	310 232	With paper check handling	705 44
Flexible	403 223	Ship building and repairing	405 1	With reader	705 41
Flexible	285 235	Undergarment	D02 721+	For parking garage access	705 13
Hinged	403 309+	Half slip	D02 722	For purchasing postage	705 403
Lugged pipe locking	285 82	Well	166 206+	For redeeming electronic coupons	705 14
Molded	285 294.1+	Packer or plug combined	166 118+	For secure, encrypted transactions	705 65
Rotary locking	285 377	Slipper (See Shoe)		Balancing account	705 68
Swivel lateral port to	285 190	Fleeced soles	36 26	Detecting double spending	705 69
Electric conductor joint	174 93	Inside	36 10	With authentication	705 67
Grinding process	451 51+	Slitting		For updating checkbook	705 33
Lost motion socket type chuck	279 19.6+	Dental crown	433 145	Initializing or reloading	705 66
Pendant watchcase bow fastener	368 305	Shoe machines		Third party billing for business	705 53
Railway axle	295 37	Folding uppers combined	12 55.1	data processing	705 53
Railway track		Grooving soles combined	12 40	Smelting Metal	
Fasteners	238 377	Welt beveling combined	112 44	Apparatus	266
Rail joint	238 248	Tobacco		Electrothermic	75 10.1+
Tie plate	238 300	Ash receiver combined	131 233	Furnaces	432 120+
Strand knotter	289 12	End cutter combined	131 252	Pyrometallurgy	75 414
Tobacco pipe stem with	131 228	End slitter	131 253+	Smocking	112 133
Vehicle wheel stop engaging	301 122	Molding perforating cutting		Smoke	
Wrench traveling jaw rocking	81 105	combined	131 83.1	Bells	362 379
Sleigh	280 845+	Webs	83 425+	Box	
Bell	116 170	Winding combined rotary cutter	242 525.6+	Boiler	122
Slicer & Slicing (See Cutter)	83 707	Sliver and Sliver Making		Draft regulators	110 157+
Diminishing workpiece	83 703+	Assembling	368 102+	Spark arresters	110 122+
Vegetable meat etc.	83	Cans	19 159 A	Coating by	427 248.1+
Corer combined	99 545	Forming	19 150+	Compositions	516 1+
Parer corer doffer combined	99 543	Stopping apparatus control	19	Conductors for locomotives	110 145+
Wood	144 162.1+	Winding	242 472.1+	Curing and smoke houses	99 467+
Scoring combined	144 42+	Wood	144 185+	Detectors	
Turning	142	Slot and Slotted		Ionization	250 381
Slide		Airfoils	244 198+	With alarm	340 629
Amusement	472 116+	Antenna	343 767+	Measuring device	356 438
Design	D21 818+	Bedstead corner fastening	5 299	Optical system	250 574
For gliding vehicle (e.g.,		Bedstead pivoted leg shoulder and	5 314.1+	Photoelectric	250 573+
ski)	472 88+	Forming (see specific tools;		With alarm	340 630
Bearings	384 7+	grooving)		Disposition	95
Buckles	24 190	Hinge	16 357+	Arc lamps	314 26+
Clasps	24 522+	Machine slot closers	74 566	Electrical precipitator	96 15+
Educational display	434 405	Gauge combined	83 522.11+	Processes	95 57+
Fastener (see also zipper)	24 381+	Making		Elimination	95
Holder	D16 236	Milling	409 64+	By return to fire box	110 203+
Machine tools		Planing	409 304+	By separating flue gases	110 148
Lathe	82 132+	Punching	83	Heating cars by smoke	237 12.5
Milling machine	409 145+	Wood cutting	144 136.1+	Indicators	356 438
Turret	29 36+	Punching bolt cotter slots	470 161	Jacks	104 52
Way guard	384 15+	Railway		Miscellaneous stacks	110 184
Projector	353	Couplings	213 75 R+	Monitors	356 438
Frame	40 701	Pneumatic car propulsion	104 155	Ovens smoke pipe heated	126 17
Slide holder	206 456	Slot closers air sealing	104 161	Producing	
Rest	82 137+	Slot closers cable traction	104 194	Buoys	441 19
Surface	108 65+	Slot switches cable traction	104 195	By materials sprinkled on fuel	44 641
Table combined	384 7+	Slotted pavement conduit	104 140+	Cartridges	102 334
Viewer, photographic	D16 233	Track slot brake	188 40	Drop bombs	102 334
Slide Rule	D18 9+	Slot machines	194	Food smoking	99 467+
Bar type	235 70 R	Trolley rail two tread slotted		Fumigators	422 305+
Circular	235 78 R+	tube	104 108	Grenades	102 334
Cylinder type	235 79.5	Slub Detecting	28 227+	Plant frost preventing	47 2
Disk type	235 84	Slubbing	19 237	Processes	516 1+
Teaching device for music	84 471 SR	Sludge		Projectiles	102 334
Sliding		Activated sludge		Shells	102 334
Pole	182 100	Collector and remover	210 523+	Signals	116 214
Sling		Gas & liquid contact devices	261 75+	Smudge pots	126 59.5
Animal restraining	119 725	Processes	210 601+	Toys	446 24+
Design	D30 151	Submerged fluid treating	210 220+	Vermin and bee smokers	43 127+
Hopple combined	119 818	Surface contact aeration		Warfare gases	424 40
On livestock carrying vehicle	119 409	apparatus	210 150+	Warship smoke screens	114 15
With alarm	340 573.1+	Collector and remover		Protection from	
Cartridge	224 602+	Acetylene generator	48 57	Masks	128 206.12+
Centrifugal projector	124 4+	Earth boring combined	175 206+	Oxygen inhalers	128 205.27+
For firearms	42 85	Treatment		Purifying and washing apparatus	96 243+
Hand package	294 152+	Fat etc recovery from	554 177+	Process	95 149+
Hoist line	294 74+	Mineral oils	208 13	Recorders	356 438
Invalid lift	5 89.1	Sluer and Sluicing		Reduced smoke or gas generation in	
Knapsack	224 627+	Rotary crane	212 223+	cellular polymer	521 903*
With belt	224 637+	Cyclic	212 286	Return to fire	110 203+
Liquid	239 214+	Mechanism	212 245+	Separating from gases	95
Surgical	602 4	Track layer	104 8	Stacks	110 184
Vehicle towing	414 563	Slug		Chimneys	454 1+
Slinger		Processing for food	452 12+	Masonry and concrete	52 245+
Centrifugal liquid projector	239 214+	Slurry (See Sludge)		Ships	114 187
Gas and liquid contact	261 84+	Coal-type fuel in liquid	44 280+	Smoke box combined	110 121
Refrigerator defrost liquid	62 280	Nuclear fuel	376 356+	Smoke jacks	104 52
Sand mold compactor	164 198+	Small Arms (See Gun)		Stove pipes	126 307 R+

Class Subclass		Class Subclass		Class Subclass	
Sticks	452 186	Surface heaters	126 271.1+	Railway spike	238 371
Tobacco smoking devices	131 330+	Making		Separable head and	24 572.1+
Toy smoking devices	446 24+	By spraying water	62 121	Framing	403 187+
Track sanding by smoke and cinders	291 4	Congealing sprayed water	62 74	Light	439 660+
Smoking Items (See Cigarette; Tobacco)	D27 100	Melting		Machine and tool part	
Anti smoking devices	131 270	By electricity	219 213+	Brush tuft	15 191.1+
Ash receiver and cleaner combined	131 232	Compositions	252 70	Chucks	279
Cleaners	131 243+	Plow (see road and track clearers)	37 196+	Tool handle fastenings	403
Design	D27	Design	D15 11+	Work holder wood	142 57
Holder for diverse items, eg matchbox attached to ashtray	224 278	Scraper	37 266+	Masonry anchor	52 704+
Smoothing (See Ironing Devices; Press) 38		Production	239 2.2	Pipe rod and shaft joints	279
Cigar or cigarette tip or mouthpiece applying	131 89+	By comminuting ice	241	Flexible shaft	464
Combined with making	131 30	Road and track clearers	37 196+	Rod	403 361
Filter	333 181+	Excavator and melter	37 227+	Rotatable rod in	403 165
Leather	69	Railway excavator	37 198+	Seal for a joint or juncture	
Metal burnishing	29 90.01+	Railway track clearers	104 279+	Dynamic	277 507
Thread finishing	28 219+	Sledged scoops	37 264+	Static dome, cup or bell	277 635
Tobacco treatment	131 324+	Sledged scrapers	37 270+	shaped	277 635
Leaf stemming combined	131 315+	Snow compressor	37 225+	Whip	280 170+
Smudge Pot	D23 334	Roof stop	52 24+	Wrenches	81 121.1+
Smut Removal from Grain		Shoes	36 122+	Socks	D02 980+
Abrasion or impact grain scouring ...	426 481+	Design	D21 768	Sod Cutters	172 19+
Apparatus	99 516+	Shovel	294 54.5	Soda and Potash	423
Apparatus	99 600+	Simulation of on theatrical stage	472 65	Carbon compound	423 421
Brushing etc machines	15 3.1+	Skates	280 600	Oxygen compound	423 641
Cereal comminuting processes	241 6+	Design	D21 760+	Recovery	423 179
Cereal food	426 481+	Snowfall simulation	40 410	Soda Fountain	
Preservation	426 321+	Suit	D02 744	Cabinet structure, ie syrup compartments	312
Liquid cleaning of bulk material	134 25.1	Vehicle trailer	D12 6+	With dispensing	222 173+
Tumbling abrading	451 328+	Snubber (See Dashpot; Shock Absorber)		Soda water apparatus (see carbonation; dispensing; foam)	
Processes	451 32+	Crane boom	212 326	Design	D07 300.1+
Snaffle		Snuffer, Flame	431 129+	Soderberg Electrode Arc Furnace ...	373 60
Bit for animals	54 8	Snuffer, Flame	431 144+	Electrolytic apparatus	204 225+
Snail		Candle	431 35	Sodium (See Alkali Metal)	
Processing for food	452 12+	Candle	431 144	Amalgam	420 526
Snakes		Soap		Electrolytic synthesis	205 558
Electricians	254 134.3 R	Bar	510 447+	Chloride dissolver	422 902*
Plumbers	15 104.33	Designs	D28 8.1+	Organic compounds	260 665 R
Snapper	56 113+	Holder, design	D06 532+	Preparation	75 745
Snaps		Laundry	510 294	Pyrometallurgy	75 589+
Acting regulators	236 48 R	Sponge pocketed for	401 201	Valve cooled by	123 41.16
Actions	74 20+	Toilet	510 141+	Making	29 888.45
Temperature and humidity regulators	236 48 R	Bubble devices	446 15+	Vapor lamps	313 567+
Valve	251 75	Detergent containing	510 382+	Sofa	
Clothing fasteners	D11 220+	Biocide combined	510 367+	Bed	5 12.1+
Dispenser outlet element	222 498+	Oxidant combined	510 367+	Construction elements	5 52
Glass work holder	269	Dispenser	241 602*	Chairs and seats	297 232+
Halter	119 776	Dye	8 525	Design	D06 334
Hook	24 598.4+	Fatty acid	554 1+	Swing type	297 282
Buckle combined	24 165	From mixture of acids	252 367.1+	Exercise	482 142+
Separable fastener type	24 572.1+	Heat exchange compositions containing	252 79	Table bed type	5 7
Snap ring	24 16 R	Holding and feeding		Soft Drinks	426 590+
Switch	200 402+	Applicator combined	401 143+	Carbonated	426 590+
Whiplash combined	231 5	Bracket-type holder	248 200+	Softening	
Snapshot		Clothes washer combined	68 17 R	Leather	69
Binder device releasably engaging aperture or notch of sheet	402	Devices	206 77.1	Protection	
Snare Drum	84 415+	Dispenser type	222	Water	210
Snarling Irons	72 399+	Suspended-type holder	248 317+	Ion exchange process	210 660+
Sneakers, footwear	D02 902+	Washboard combined	68 224	Software	
Snelling	242 448+	Liquid soap dispenser	D06 542+	Prevention of illegal copying by	705 58
Hand tool	242 442	Lubricants containing	508 110+	program identifier	705 58
Snip (See Shears)		Making	252 367.1	Soil	
Sniperscope (See Snooperscope)		Apparatus	422 129.1	Gas content testing	73 19.09
Snooperscope		Cutters for	83	Handlers or conveyors	172 33
Infrared converter tube	313 525+	Molding devices	425 289+	Mixer, machinery design	D15 19
With electric circuit	315 10+	Natural resin acid	530 200	Software development	717
Snore Inhibiting Devices		Natural resin metal salts	530 200+	Stabilizing compositions	106 900*
Design	D24 164	Rosin metal salts	530 224+	Treatment machinery, design	D15 21
Sleep inhibiting alarm	340 575	Shaving	424 73+	Soil Life Extenders	504 113
Surgical electrical system	607 2+	Kit, brush or soap retained	401 118	Soil (See Colloid Systems Dispersing; Suspensoids)	516 9+
Snorkel	128 201.11	Kit, with toilet articles, eg	132 289	Radioactive	252 634+
Snow		Mirror	132 291	Solanum Alkaloids	546 124
Apparatus for making	239 14.1	Soccer	473 415+	Solar	
Artificial	106	Goal	473 478	Bleaching	8 103
Blower	37 244+	Social Sciences		Celestial observation instruments	33 268
Compressor	37 225+	Computer controlled, monitored	704 1+	Cells	136 243
Exhibitor	40	Socket (See Joints, Ball & Socket) ..	279 9.1+	Systems	323 906*
Fences	256 12.5	Artificial body members		Concentrating evaporators	159 903+
Heaters		Leg sockets	623 33+	Cooker or warmer	D07 324
Compressor combined	37 226	Barrel hoop	217 90	Crystallization process	23 295 S
Earth thawing	405 131	Bracket article holder	248 314	Distillation of water	203 10+
Excavator combined	37 227+	Brush and broom support	248 111+	Driers	34 93
Melting furnaces	126 343.5 R	Car body stake	296 43	Food treatment	99
Railway switch	246 428	Castor	16 43	Hazardous or toxic waste destruction	588 306+
River surface	405 61	Electric connections	439	Heat accumulator structures	126 400
		Adaptor	439	Heat collectors	126 569+
		Adaptor socket	439 638+	Heat exchange	
		With resistor	338 220	Automatic control of heat	165 236
		Fastenings and connections	279		
		Cord and rope	24 136 L+		
		Railway screw spike	238 373		

Class Subclass		Class Subclass		Class Subclass	
Heating and cooling.....	165 48.1	Compositions	252 364	Laser	209 579
Heating systems	237 1 R	Extraction to recover hydrocarbon...	585 833+	X-ray	209 589
Kinestherapy	D24 209	Gas package or receptacle having ...	206 .7	By size	209 659+
Living body treatment	607 95+	Polymer dissolver	422 901*	By susceptibility to deform	
Panel	136 243	Recovery by drying or distillation		Condition responsive means...	209 599
Photovoltaic or photoelectric		Concentrating evaporators	159	Separating means	209 699
generator, ie solar cell	136 243	Distillation	203	Cigarettes	209 535+
Power plants	60 641.8+	Distillation apparatus	202	Eggs	209 510+
Energizing & storage	60 659	Drying combined	34 72+	Electrostatic	209 127.1+
Reflectors, curved surface	359 868+	Mineral oils	208 179+	Fluid suspension	209 132+
Refrigeration utilizing	62 235.1	Refrigerant combined	252 69	Lumber	209 517+
Spacecraft altitude control by		Sodium chloride & potassium		Magnetic	209 212+
solar pressure	244 168	chloride dissolver	422 902*	Mail	209 900*
Sterilizing	422 22+	Treatment of coating	427 335	Paper money	209 534
Apparatus	250 428+	Well		Preparing items for sorting	209 3.1+
Stills	202 234	Cleaning with	166 304	Sifting	209 233+
Distillation digest	203 DIG. 1	Solid material recovering	299 5	Special items	209 509+
Stoves and furnaces	126 569+	Sonar and Sonics		Stratifiers	209 422+
Thermoelectric generator	136 206	Flow	261 DIG. 78	Stratifiers	209 422
Solder & Soldering (See Alloy)	228 56.3	Gas separation apparatus	96 389	Weight operated	209 645
Apparatus	228	Gas separation process	95 29+	Condition responsive controls	209 592+
Design	D08 30	Portable sonar devices	367 910*	Sound (See Insulating; Recording;	
Blow torches	431 344	Simulators, sonar	434 6+	Reproducers; Acoustics)	
Can body forming and side seam	228 17.5+	Sonar design	D10 46+	Bell	116 148+
Can head or body seam	228	Sonar time varied gain control		Electric	340 392.1+
Electric	219 129	systems	367 900*	Boxes for phonographs	369 160+
Fuse self soldering	337 152	Sonic tests		Building structure	
Heat	219 129	Compressional wave in fluid	367 87+	Deadening in ventilators	181 224
Metal heating	219 85.1	Gas analysis	73 24.01	Deadening in walls and floors	181 290+
Soldering iron	219 227+	Gas content	73 24.01	Camera focusing, automatic	396 105
With pressure	219 85.1	Seismic	367 14+	Cassette for recording tape	D14 475+
Iron	228 51+	Vibration	73 570+	(design)	D14 475+
Design	D10 46+	Vibrators	261 DIG. 48	Controls direction of travel	
Electrically heated	219 227+	Wave bonding, nonmetallic		Airplane	244 76 R+
Heater portable furnace	126 236+	Apparatus	156 580.1+	Damping	
Self heating with burner	126 413+	Process	156 73.1+	Refrigeration related	62 296
Permanent closure	220 600+	Wave measurers	33 1 P	Vibrations in overhead	
Stick	428 558	Sonic		electric conductors	174 42
Temporary closure	220 200	Hazardous or toxic waste		Deadening	181 284+
Solderless		destruction	588 304	Direction indicators	181 125
Terminals	439	Used for lysing cells	435 173.7	Ear stoppers	128 864+
Flexible wire joint	403 206+	Used in reaction to prepare		Equipment illuminators	362 86
Wire joining machines	140 113+	inorganic or organic material	204 157.15+	Facsimile recorders	358 296+
Sole		Used in reaction to prepare or		Forming sound grooves in record	264 106
Forming and attaching		treat synthetic resin or		Gas separation apparatus	96 389
Attaching means	36 12+	natural rubber	522 1+	Gas separation process	95 29+
Machines	12 17 R+	Soot		Horn or whistle	116 137 R+
Sewing machines	112 29+	Blower		Electric	340 384.1+
Straighteners	12 120.5	Boiler installed	122 390+	Image converter	367 7+
Trimmers	12 85+	Heater installed	165 95	Imitation	472 64
Pad		Catcher	126 280	Intensity measuring	73 646+
Cleaning devices	15 227	Sorbent (See Absorbents)		Locating devices	181 125
Cushioned horseshoe	168 14	Air contacting with refrigeration	62 271	Making devices, manufacture of	29 896.2+
Foot supporters and	36 71	Process	62 94	Meter	73
Horseshoe	168 26+	Gas adsorption thermometer	374 159	Similar to pressure guage	73 432.1
Horseshoe, design	D30 149+	Gas separation apparatus	96 108+	Motion picture apparatus	352 1+
Shoe	36 25 R+	Gas separation processes	95 90+	Music	84
Antislipping devices	36 59 R+	Liquefied gas		On film	369 125+
Design	D02 962	Producing	62 632+	Film strip	369 16+
Attaching means	36 12+	Storing	62 46.1+	Mechanical	369 111
Design	D02 896+	Refrigeration utilizing	62 476+	Phonograph sound box	369 160+
Design, insoles	D02 961	Automatic	62 141+	Post for violins	84 277
Design, protectors	D02 909	Process	62 101+	Recording and reproducing (see	
Filling compositions	106 38	Sorbic Acid	562 601	phonographs)	369
Insoles	36 43+	Sorbitol	568 852+	Assembling process	29 896.2+
Interfitted heel and	36 24.5	Sorel Cement	106 685+	Coating composition	106 37
Light etc application to body	607 114+	Sorghum	426 658+	Design	D14 199
Outsoles	36 25 R+	Sortion to Recover Hydrocarbon	585 820+	Electric	369 128+
Protectors	36 73+	Sorters and Sorting		Speech from static memory	704 258+
Solenoid (See Magnet)		Automatic machines	209 509+	Electroforming	205 68
Solid (See Liquid)		Belts sifters	209 307+	Molding apparatus	425 406+
Detectors	422 68.1+	Coin	453 3+	Molding process	264 106+
Solid State Circuits and Devices (See		Data processing equipment	D18 47	Projection screen	359 443+
Transistor)		Electrostatic	209 127.1+	Talking picture	352 1+
Solidifying (See Crystallization)		Fluid suspension	209 132	Tape winding means	242 324+
Borehole inclinometer		For paper sheets	271 287	Records	369 272.1+
Earth control by	405 263+	Grates or sifters	209 233+	On magnetized wire	360 89
Gas	62 601	Machines for statistical records		Responsive	
Liquid by cooling	62 340+	Coded edges	209 608	Electric	381 433+
Automatic	62 135+	Coded holes	209 613	Electrical selector	367 197+
Process	62 66+	Magnetic	209 212+	Printing	178 31
Liquid comminuting combined		Racks	211 10+	Radio controlled	340 825.72+
Apparatus	425 222+	Refuse treatment means	110 220	Pulse responsive	340 825.69
Processes	264 5+	Sheet feeding or delivery	271	Signaling	181
Liquid fuel	44 265+	By items following different		Toys	446 175
Sugar processes	127 58+	trajectories	209 638	Responsive explosive igniters	102 211
Solids Dissolving for Cooling	62 4	Thrower	209 642	Mines	102 427
Solids Separating and Stratifying ...	209	Sorting & classifying solid items	209	Mines marine	102 416+
Solvent (See Extracting)		Bottles	209 522+	Signs x-reference collection	40 906*
Cleaning or detergent		By sensing radiant energy	209 576+	Siren	116 147
composition containing	510 405+	Bottles, jars, etc	209 524+	Speed of sound compensation	367 902*
Coating or plastic composition for ...	106 311	Cigarettes, etc	209 536	Telegraph sounder	178 98+

Class Subclass		Class Subclass		Class Subclass	
Tone arms.....	369 244.1+	Systems miscellaneous.....	250	Internal combustion engine.....	123146.5 R+
Electrical pickup.....	369 135	Systems television.....	348	Toy.....	446 22+
Mechanical pickup.....	369 158+	Testing, vacuum tube.....	324 405+	Sparklers	102 358+
Toy.....	446 397+	Cathode ray tube.....	324 404	Spats	36 2 R
Aerial top.....	446 213+	Treating foods and beverages.....	99 451	Design.....	D02 901
Figure.....	446 297+	Vacuum and pressure furnace.....	373	Spatulas	294 49+
Figure wheeled.....	446 270+	Welding arc.....	219 136+	Speaker	381 150+
Musician.....	446 297+	Arc.....	373 77	With amplifier.....	381 120+
Top.....	446 258	Induction.....	373 110+	Speaking Aid	
Air actuated.....	446 213+	Resistance.....	373 140+	Megaphone.....	181 177+
Wheeled.....	446 409+	Space Induction Systems		Public address system.....	381 82+
Whirling.....	446 215	Telegraph.....	178 43	Amplifier.....	330
Transmission.....		Telephone.....	379 55.1	Speaking Tube	181 18+
Electrical telephone.....	379	Train inductive telegraphy or		Design.....	D10 116
Mechanical telephone.....	181 138	telephony.....	246 8	Spear	30
Wave analysis.....	73 645+	Transmission of electricity.....		Aerial game projectile.....	473 578+
Wave exhibitor.....	73 659	To electric motor.....	318 16	Design.....	D22 117
Electric wave analyzer.....	324 76.12+	To vehicle.....	191 10	Handling.....	294 61
Sounders		Vehicle electrically powered by		Harpoons.....	43 6
Electromechanical bells and gongs..	340 392.1+	magnetic induction.....	191 10	Javelin type.....	482 20
Telegraphic.....	178 98+	Space Ship	244 158.1+	Speargun	D22 102
Sounding		Control systems.....	244 158.1+	Special Receptacles	206
Board for pianos.....	84 192+	Design.....	D12 320	Specific Gravity	
Depth.....	33 713+	Toy (design).....	D21 451	Testing.....	73 32 R+
Compressional wave underwater.....	367 99+	With booster rocket.....	102 374	Spectiofoline	546 15
Fathometer t m electrical.....	367 99+	Spaced Wall Containers		Spectacles (See Eye Glasses)	
Rods.....	33 721+	Bottle or jar.....	215 12.1+	Metal frame making.....	29 20
Soups	426 589	Cabinets.....	312 400+	Temples.....	351 111+
Souring	8 137	Metallic receptacles.....	220 560.1	Spectrographic Analysis	356 300+
Agents.....	252 193	Metallic receptacles.....	220 62.11+	Spectrographs	356 302+
Soya Bean Products		Pitchers.....	222 131	Spectroheliographs	356 302+
Beverage.....	426 598	Spacer and Spacing		Spectrometer	356 326
Coating or plastic compositions		Article arranging on conveyors.....	198 434+	Cavity.....	
containing.....	106 125.1+	Article placing on conveyors.....	198 434+	Electron resonance system.....	324 316+
Extraction of oil.....	554 9+	Concrete reinforcement.....	52 677	For color film.....	355 38
Phosphatides.....	554 79+	Container wall.....	220 62.11+	Nuclear resonance system.....	324 307+
Proteins.....	530 378	Dental separators.....	433 148	Spectrometer components.....	324 318+
Sauce.....	426 629+	Hoist bar.....	294 81.1+	Chemical analysis, apparatus.....	422 82.05
Space Discharge Devices, Electric		Nuclear fuel structure.....	376 438	Radioactivity.....	250 472.1
Cathode sputtering coating or		Orthodontic.....	433 2+	Ultraviolet.....	250 372+
forming apparatus.....	204 298.01	Piling material.....	206	X ray.....	378
Cathode sputtering coating or		Planting implement spacing in hill.....	111 94	Spectrometry	356 300+
forming process.....	204 192.1+	Printing fillers.....	101 403	Mass.....	250 281+
Chemical apparatus.....	204	Railway.....		Spectro-Optical Digitizer	
Chemical electric discharge.....	204 164+	Guard rail.....	238 22+	Chemical analysis, apparatus.....	422 82.09
Apparatus.....	422 186.21+	Rail joint.....	238 227+	Spectrophotometer	356 319
Circuits for gas filled tubes.....	315	Tie.....	238 105	Chemical analysis, apparatus.....	422 82.09
Drying and gas or vapor		Sewing machine tucking.....	112 146	Ultraviolet.....	250 428+
contact with solids.....	34 245+	Sheet for drying.....	34 306+	X ray.....	378
Electric switch, eg lamp		Typewriter.....		Spectroscope	356 300
starter switch.....	337 22+	Back.....	400 308+	Spectrum (See Spectrometer)	
Furnace pressure or vacuum.....	373 10	Line.....	400 545+	Specula	600 184+
Heaters.....	219 200+	Variable.....	400 303+	Design.....	D24 135
Heating furnace.....	373	Vehicle body top board.....	296 34	Speech (See Sound)	
Igniters.....	361 247+	Wire fabric making.....	140 50	Amplifier.....	330
Lamps.....	313	Spacesuit	2 2.11+	Controlled.....	178 31
Lightning arresters.....	361 117+	Helmet.....	2 2.11+	In typewriter.....	178 31
Making.....	445	Refrigeration for.....	62 259.3	Exhibiting by visual means.....	73 659
Electrode by chemical etching....	216 12	Spades (See Shovel)		Measuring by electrical means.....	73 570+
Semiconductor type.....	438 20	Gun mount.....	89 40.09	Wave shape comparing.....	324 76.12+
Medical and surgical		Intrenching.....	42 93	Making artificially.....	704 258+
application.....	128	Spaghetti		Signal processing.....	704 200+
Metal heating arc.....	219 121.11+	Cutter.....	83 932*	Teaching.....	434 185
Nuclear reactions.....	376	Design.....	D01 126+	Voice reflector for therapy.....	D24 175
Ozonizers.....	422 186.07+	Molding apparatus.....	425 376.1+	Waves.....	
Precipitators.....	96 15+	Pasta processing.....	426 451	Analysis.....	324 76.12+
Preservation of foods and		Shaping apparatus, general.....	425 376.1+	Speed	
beverages.....	426 237+	Perforated plate.....	425 331+	Measuring device, calibrating.....	73 1.37
Rectifier structure.....	313	Spanners	81 176.1+	Motor (see type of motor controlled)	
Repair apparatus.....	445 61	Spar	114 89+	Recording.....	346
Repair methods.....	445 2	Torpedo boats.....	114 19	A c motor.....	318 700+
Spark plugs.....	123 169 R	Spark		Automatic musical instruments....	84 128+
Structure.....	313	Arresters.....	110 119+	Centrifugal governor.....	346 73+
Structure of arc lamps		Abrader spark guard.....	451 455	Clutches.....	192 146
and similar devices.....	314	Fixed whirler or rotator.....		D c motor.....	388 800+
Structure of arc lamps		deflector separators.....	55 447+	Electric railway vehicles.....	104 300
feeding electrode.....	313 357	Flue jet pumps.....	417 156	Induction motor.....	318 727+
Structure of electronic tubes.....	313	Illuminating burners.....	362 380	Internal combustion engines.....	123 319+
Structure of gas & vapor lamps.....	313 567+	Coils.....	361 268+	Lathe headstock gearing.....	82 143+
Structure of lightning		Gap.....	313 325	Load hoist.....	254 267
arresters.....	361 117+	Manufacturing.....	445 7	Machine elements and mechanisms 74	
Structure of mercury vapor		Plugs.....	313 118+	Belt & pulley drive system.....	474
lamps.....	313 163+	Circuit element combined with....	315 32+	Metalworking machine.....	29 64
Structure of spark gaps and		Design.....	D13 127	Motor vehicles.....	180 170+
arc gaps.....	313 325	Engine.....	123 169 R	Pumps.....	417 1+
Structure of spark plugs.....	123 169 R	Making.....	445 7+	Railway trains.....	246 182 R
Systems amplifiers.....	373 10	Tester.....	D10 77	Speed indicator or	
Systems arc feeding electrode.....	314	Prevention dynamoelectric.....	310 220	alarm combined.....	346 18
Systems cathode ray tube.....	315 1+	In electric switch.....	318 1+	Spinning twisting twining	
Systems combined tube and		Relays preventing.....	361 160+	textile apparatus.....	57 93+
circuit element.....	315 32+	Switches arc preventing.....	361 2+	Treating processes material	
Systems gas or vapor tube.....	315	Sparker (See Igniters)	123146.5 R+	speed control.....	34 481+

Class Subclass		Class Subclass		Class Subclass	
Speed control	34 560+	Spindle		Apparatus	156 502+
Warp tension control textiles	28 185+	Article holding bracket	248 309.2	Process, without overlap	156 304.1
Watches	368 186	Axle	301 131	Bars rail type	238 243+
Responsive or controlled		Rotary	301 126	Insulated	238 159+
Automobile mounted systems	307 10.1	Bearings	384	Belt	24 38
Brakes	188 180+	Lathe headstock	82 148	Drive belt combined	474 253+
Centrifugal switches	200 80 R	Combination lock	70 329	Electric conductor	156 49
Devices	73 488+	Cotton picker	56 50	Electric trolley	191 44.1
Drive release and brake	192 147	Bobbin	242 570+	Film splicer	83 948*
Drop of elevator sans manual control	186 23	Latch	292 358	Design	D08 70.1
Electrical signal processing systems	361 236+	Catches	292 359	Support combined	191 44
Electrical systems	361 236+	Lathe headstock	82 148	Keys and locks rail type	238 250
Electrical systems alarms	340 670+	Saw handle	30 521+	Angle chair	238 198+
Elevator brake and catch	187 373+	Ship	114 59	Rail section	238 226
Elevator car control	187 287+	Toy top	446 264	Web key	238 181
Engine to throttle control	60 906*	Spinning		Sprocket chains	474 218
Flexible shaft couplings	464 1+	Can head seaming	413 27+	Twisted textile strand	57 202
Fluid distribution	303 121+	Filament forming (see wire)		Twisting and spinning	
Gearing	74 336 R+	Apparatus	425 66	Implements	57 23
Limit stops	192 140	Apparatus	425 67+	Machines	57 28
Machine elements trips	74 3	Apparatus	425 76+	Processes	57 22
Measuring & testing speed	73 488+	Apparatus	425 382.2	Unwound	242 551+
Mechanical movements	74 114	Processes	264 165+	Web	242 551+
Motor controlling arc lamp	314 62	Solutions	106 166.01+	Spine	403 359.1
Motor vehicle	180 170+	Fishing reel	242 224+	Gear and	33 DIG. 14
Planetary gearing (see notes thereunder)	475 254+	Metal	72 82+	Match	44 511+
Predetermined speed indicator	116 57	Paper	493 395	Coating composition	149 3+
Railway speed control systems	246 182 R	Textile	57	Making	144 66
Railway train brakes	188 126	Machine forging dies	72 343+	Panel connector	52 586.1+
Servomotor	91 458	Toys	446 236+	Surgical	602 5+
Servomotor follow-up devices	91 366	Tube end	72 80+	Spint and Splint Making	
Shutters motion picture apparatus	352 209	Closed	228 2.1	Split Preventer	411 912*
Valve actuation	137 47+	Spinning Reel	D22 141	Building component	52 514
Vehicle signals	116 37+	Spintariscope	250 458.1	Split Second Watches	368 102+
Electric, external	340 466	Spiral		Stop watches	368 113+
Electric, internal	340 441	Abrading scrolls	451 548+	Splitting	
Vehicle speed limit alarms	116 74	Cigar wrapping	131 59	Atomic fission reactions	376
Vehicle speed limit indicator	116 62.3	Conveyers and gatherers		Carcass	452 160+
Vehicle speed limit signals	116 57	Chute	193 12+	Corncob	225
Wave systems to determine velocity	342 104	Chute stratifier	209 434	Leather	69 9+
Synchronizing (see synchronizing)		Cooking filled receptacle		Stone	125 23.01+
Testing electric	324 160+	rollway	99 365	Tool blank	76 11
Timing electrically	324 178+	Cornstalk harvester	56 95	Tube and sheath	30 90.1+
Timing electrically	324 179	Potato diggers	171 57	Well tubing	166 55.2
Timing electrically	324 180	Power driven conveyor	198 778	Wood	144 193.1+
Speed Indication		Electrical conductor armor	174 108+	Bundling combined	144 192
Electrical indicators	324 160+	Fasteners and chucks		Explosive combined	89 1.14
Alarms	340 670+	Chuck scroll actuated	279 114+	Spoilers for Aircraft	244 213+
Limit indicators	116 62.3	Hat fastener	132 62	Spoke	
Alarms	116 74	Spiral fastener	24 112	Land vehicle wheel	301 5.1+
Vehicle operated	116 57	Feed for sewing machine	112 470.11	Making and assembling	
Speed of sound compensation	367 902*	Fixed cutter machine	83 425	Land wheel	
Speedometer	73 488+	Gearing	74 424.5+	Compressed spoke type	29 894.34+
Aerial optical	356 27+	Harrow	172 532+	Tensioned spoke type	29 894.33+
Calibrating	73 1.37+	Measurement, radius &	33 1 SP	Metal wheel assembling	157 1.5
Design	D10 98	Metal coiling by spiral die	72 141	Securing by forging	157 1.55
Odometers	235 95 R+	Muffler baffle	181 279+	Tenon turning	144 206
Power take off	74 12	Nail shank	411 487+	Wood spoke assembling	157
Time interval measurement	368 89+	Nail shank making	470 130	Wood tenoning and sawing	144 18
Electrical means	324 76.39+	Pipe or tube article		Pulley	474 195+
Electrical means	324 179	Flexible spirally wound	138 129+	Railway wheel	295 25+
Electrical means	324 180	Spiral seam	138 154	Spokeshaves	30 281
Speed checker	368 2	Rotary plow	172 532	Sponge and Sponging	
Speedometer (See Speed Indication)		Sifters	209 362	Container	206 209
Design	D10 98	Signal bell spring	116 168	Cups	118 270
Spelling, Teaching	434 167+	Spacer for coaxial cable	174 29	Holder	15 244.1+
Spelter (See Zinc)		Strip cutting		Household cleaning tool	D32 35
Spermaceti Purification	554 175+	Die cutting	83	Implement coating	
Spermicides & Contraceptives	424 DIG. 14	Toy propellers	446 43	material combined	401 196+
Sphygmoscope, sphygmograph and Sphygmomanometer	600 490+	Toy top spinner	446 241	Mop	D32 40+
Spices	426 638+	Tube making and welding	228 145	Pocketed to contain soap	401 200
Condiment dispenser	D07 590+	Apparatus	228 17.7	Resilient tire filler	152 313
Plural cell	D07 597	Paper tube winding	493 299	Rubber	521 50+
Shaker	D07 591+	Sheet metal spiral seam	72 49	With fabric cover or backing	15 244.3
Spigot (See Valve)		Wire spiral stud making	140 92	Spontaneous Combustion (See Explosion Control; Fire, Extinguishing; Ventilating)	
Spike	411 439+	Wood turning spiral grooving	142 23+	Spool	242 600+
Design	D08 391	Spirit Level	33 377+	Cabinet	
Locked by recess or protrusion	411 451.1+	Design	D10 69	Dispensing	221
Making	470 39	Illuminator	33 348.2	Stacked article	312 45
Pullers	254 18+	Spirometer	600 538	Container for flanged spool	206 398
Railroad tie		Spits Cooking	99 419+	Convolute winding on	242 520+
Drivers	104 17.1	Spittoon	4 258+	Cutlery with	30 124
Railway	238 366+	Cookstove attachment	126 32	For strand	242 118+
Ship implement	114 221 R	Design	D34 2	Holders	242 134+
Shoe cleat or	D02 962	Flushing	4 262+	Dental	242 134+
Spillway	405 108	Pocket	4 259	Tape spool	D19 65+
		Splash Board		Holders for sewing	223 106+
		Cabinet with	312 229	Labelling	156 556+
		Splash Control Element Mold	249 206	Lifters	242 473.1
		Splice (See Joints)		Musical stringed instrument	84 303
		Adhering seam making		Packages of spools	206 389+

Class Subclass		Class Subclass		Class Subclass	
Rack	242 134+	Process	62 74	Mechanical gun magazine	124 52+
Spool winders	242 480.7	Machinery	D15 13	Nonrefillable bottle valve	215 19
Stand for sewing item	D03 23+	Material diffusing from aircraft	244 136	Oil cup cover	184 88.1+
Typewriter ribbon	400 242+	Metal spraying	29 DIG. 39	Pivoted handles shears	30 212
Valve	137 625.34+	Milk dehydration	426 471+	Pivoted knife blade	30 159
Wood making machine	144 14	Mineral oil distillation	196 128	Project-retract fountain	
Wound to form storage package	242 159+	Mobile orchard type	239 77+	pen mechanisms	401 109+
X-art collection	493 954*	Nozzles	239 589+	Railway mail projectors	258 7
Spoolers	242 480.7	Flow regulating or modifying	239 533.1+	Regrinding reciprocating disk	
Spoon	30 324+	Powder	239	valve	137 243.2+
Agitating or beating	366 343	Sandblast	451 91+	Rotary disk valve	251 180+
Cutlery combined		Shot blast	72 53	Rotary plug valve	251 181+
Forks	30 150	Shower cage	4 601+	Seal for a joint or juncture	
Knives	30 149	Steam iron combined	38 77.5	Accommodates oscillatory	277 508+
Knives and forks	30 147	Spreader and Spreading		motion	277 508+
Design	D07 653+	Animal training leg	54 72	Bias for lip seal	277 553+
Fluid conductor combined	30 141	Coating material combined	401	Face or mechanical seal	277 379+
Making		Cultivator beam	172 645+	Gland member for a packing box	277 522+
Blanks and processes	76 105	Fabric		Piston ring	277 467+
Dies	72 470+	Bed bottom reinforcers	5 228	Radial bias for segmented ring	277 545
Measuring	73 426+	Buttonhole sewing machine	112 74	Shears with holder	30 135
Design	D10 46.2	Frame for sheets	38 102+	Shears with intermediate pivot	30 261+
Pierced bowls	D07 647	Hammock	5 123	Single impulse store service	186 10+
Sport Equipment (See Type)		Making of wire strand twisting	140 33	Siphon bottle	215 5
Board games	273 259	Sewing machine loop	112 187	Sofa bed assisting	5 56
Chance controlled	273 244+	Sheet ironing	38 143	Spiral spring type bell	116 168
Card or title games	273 298	Web running lengths	26 87+	Spring joint shears	30 234+
Protective hand covering	D29 102+	Biaxial	26 72+	Stop and nonstop valve	
Shoe, making	12 142 P	Hand-held agricultural type	D08 2	combined	251 83
Sports, Teaching	434 247+	Horseshoe hoof	168 6+	Stylographic fountain pen	401 259+
Spot		Ladder propped	182 176	Swinging door	49 386
Bowling	473 102+	Leaf spring tool	81 3.7	Trolley retriever	191 91+
Inserting in bottle cap		Leather	69	Trolley retriever erector	
Metal cap making combined	413 8+	Material (see broadcasting;		release	191 88+
Apparatus	413 56+	scattering)	239 650+	Trolley stands	191 68+
Welding	219 86.1+	Bag filling hopper	53 570	Upending bed counterbalance	5 164.1+
Spotlight	362 257+	Charge transported to, from, or		Valve parts	251 337
Bulb	313	within furnace	414 193	Yieldable pitmans	74 582
Flashlight hand	362 157+	Discharging	414 209+	Applier and remover	29 225
Photographic design	D26 61+	Plural successive driven		Engine valve	29 215+
Supports	362 382+	devices	414 174+	Bed and chair	
Surgical or dental	362 804*	Furnace fuel feeder	110 111+	Bed	5
Spotter		Glass tube reshaping	65 283	Chair back supports	297 285+
Bowling	473 87+	Hand rake with	56 400.05+	Chair bottoms and backs	297 452.16+
Spotting		Insecticide composition having	424	Mattress	5 716+
Apparel trimming, e.g chenille	223 45	Peach stoner tray	99 547	Pillow having	5 636
Board	68 240	Plastic film molding device	425 461	Buffer and check	
Spout		Plastic film molding method	264 212+	Bed bottoms with	5 253
Antidrip	222 571	Sifting feeding	209 254	Closure checks	16 85+
Bucket		Mobile orchard type	239 77+	Liquid and combined concentric	16 52+
Sap	47 51+	Nail point locking	411 359	Liquid and combined side	16 59+
Turpentine and rubber	47 11	Piston ring	29 222+	Ordnance mounts	89 44.01+
Dispensing	222 566+	Road material distributing	404 101	Pneumatic and spring	16 66+
Molten metal	222 591+	Slit opening and filling	29 270+	Railway car end	213 221+
Food or beverage dispenser with	D07 312+	Store service	186 13	Railway draft appliances	213 7+
Track sander cutoff	291 31	Tire		Textile weaving picker	139 167+
Water distributing	137 561 R+	Casing spreaders	254 50.1+	Vehicle bumper	293 102+
Sprag	188 6	Holder	81 15.3	Vehicle fender	293 25+
Spray		Rim with	152 400+	Vehicle seat	297 216.1+
Coolers for liquids and gases	261	Wheel assembling	157	Vehicle springs with	267 195+
Gun	D23 213+	Spring	267	Vertically swinging shovel	414 720
Tubes		Actuated or controlled		Button clamp and fastener	
For spray coolers	261 115+	Bottle tube type valve	215 315	Bottle and jar closures	215 287+
Sprayer and Spraying	239	Car platform trapdoors	105 434	Card exhibitor clip	40 658+
Animal husbandry		Check valve	137 511+	Closure fastener bolts	292 2+
Antivermin treatment	119 665+	Clothes wringer pressure		Closure fasteners	292
Restraining device	119 775	mechanisms	68 256+	Closure knob attaching	292 353
Boiler feed heater	122 436	Cooker with pressure means	99 351	Closure seals	292 322
To steam space	122 438	Counterbalanced pitmans	74 592	Folding paired table leg	108 131+
Cement	366 10+	Cutting tool joints	30 268+	Folding stand leg	248 188.6
Process	366 3+	Dispenser agitator and biasing		Hook tag fasteners	40 667
Chute combined	193 11	means	222 230	Mop holder	15 154
Coating machine	118 300+	Dispenser discharge assistant		Paper	24 67.3+
Coating process	427 421.1+	or casing	222 336+	Pivoted bottle closure	215 244+
Concentrating evaporator		Dispenser outlet element	222 511+	Pivoted clasp	24 489+
Apparatus	159 3+	Dispenser resilient wall		Pivoted snap hook	24 599.4+
Process	159 48.1	deflector	222 214	Rack series spring grip type	211 120
Design, spray gun	D23 213+	Dispenser trap chamber cutoff	222 449	Railway track	238 349
Distillation		Fence wire stretcher	256 39	Railway traction cable	104 209
Apparatus	202 236	Gong striker	116 164	Retainer	402 19+
Mineral oil process	208 359	Guns and projectors	124 16+	Saw teeth latches	83 840+
Process	203 90	Holder for detachable sliding		Separable button	24 106+
Fuel dispersed in furnace	431 159	blade	30 336	Sliding snap hook	24 600.5+
Gas and liquid contact device	261 115+	Interlocked blade and holder	30 338	Stopper for breakable bottle	
Porous mass	261 98	Invalid bed electrically	5 616	necks	215 54+
Refrigeration combined	62 304+	Invalid bed hydraulically	5 614	Tool handle hinged with detent	403 84+
Automatic	62 171	Locking latch bolts	70 144+	Umbrella runner	135 40+
Refrigeration combined process	62 121	Lubricator with fluid pressure		Vehicle rein holders	280 184+
Rotating impeller	261 89+	follower	184 41+	Vehicle whip sockets	280 172
Rotating impeller hollow shaft	261 88	Lubricator with follower	184 45.1+	Coil	267 166+
Wet baffle	261 111	Mechanical gun centrifugal type	124 7+	Animal draft pole supports	278 89
Liquid freezer	62 347	Mechanical gun fluid pressure	124 66+	Bed bottoms	5 186.1+

Class Subclass		Class Subclass		Class Subclass	
Bells	116 168	Plano pedal	84 227	Pin and open link or draft coupling	213 200+
Bobbin winding drive connection	242 484.6+	Telegraph keys	178 107	Pipe or cable	248 560+
Bolt to nut lock, lateral key	411 318	Weather strips	49 480.1+	Sash balances	16 197+
Bolt to nut lock, thread lock	411 262	Jacks	379	Telescoping tube suspended	248 610+
Bolt to nut lock, thread lock and distorted nut	411 289	Joints couplings and chucks		Thill	278 81+
Bolt to nut lock, to grip thread	411 251+	Flexible shaft	464 51	Vehicle motor	248 560+
Chair	297 300.5+	Pipe coupling detent	285 305+	Vehicle pole	278 88+
Cushion tires	152 246+	Railway draft	213 200+	Vertically adjustable suspended	248 610
Flat	267 156	Railway draft appliances cushioned	213 7+	Vibration dampening	248 562+
Hinges multiple	16 382+	Seal for a joint or juncture	277	Switch, sudden release type	200 400
Hinges pintle	16 305	Self grasping socket type chuck	278 22+	Testing	73 161
Locomotive	105 67+	Split resilient socket	279 43.1+	Train vestibule face plate expanders	105 14
Loop forming	140 103	Spring detent socket	279 79+	Valve	
Making	72 138+	Spring saw socket	279 46.1+	Head	251 356
Pivoted snap hooks	24 599.7+	Swivel pipe in socket	285 276+	Parts	251 337
Railway car planks and transoms	105 208+	Thill	278 52+	Vehicle parts	267
Railway car spring bolster	105 197.05+	Trace and whiffletree	278 102+	Absorber combined	267 64.15+
Reeling motor	242 371+	Leaf spring spreaders	81 3.7	Article holders for bicycles	224 462
Spring wheels	152 1+	Machine or tool		Axle skein mounting	301 136
Torsional closers	16 75+	Bobbin winding drive connection	242 484.6+	Axle spindle mountings	301 133
Coil spring loop forming	140 103	Brake operators	188 166+	Bicycle front fork etc	280 275+
Coil spring untangling apparatus	198 953+	Clutch operators	192 89.1+	Bicycle rear fork etc	280 283+
Compressor	254 10.5	Embroidering machine fabric shifting	112 92	Body frame suspension	280 788
Hand tool	81 486	Expansible chamber motors		Bumper combined	293 116
Couplings	403 229	Insect catcher	43 135	Design	D12 159
Shaft	464 51+	Internal resistance brakes	188 268	Fluid	267 64.11+
Cushion shoe heels	36 38	Music leaf turners	84 486+	Letdown tops	296 107.01+
Cushion shoe sole	36 28	Pliers crossed handle	81 417	Metallic spring cushion tires	152 247+
Insole	36 44	Sawmill set works	83 724	Pole supports	278 88+
Ventilated	36 3 B	Screw driver	81 451+	Railway axle box mounting	105 218.1+
Cushioned railway draft devices	213 7+	Scroll saw spring return	83 752	Railway car body	105 453
Devices	267	Typewriter bar	400 436+	Railway car truck platform	105 212+
Bag closures	383 43	Typewriter carriage	400 336+	Railway spring bolster	105 197.05+
Casters	16 44	Woodworking feed rolls	144 247	Railway spring planks	105 208
Closers	16 71+	Wrenches	81 52+	Rocking running gear	280 124.11+
Coat collars	2 99	Making		Roller skate trucks	280 11.28
Compressible rheostat	338 99+	Applying or removing	29 225+	Runner type	280 25
Deformable discharge assistants	222 407	Conical wire	72 138+	Running gear	280 124.1+
Ejector for conveyor trap dispenser	222 225	Forging dies	72 343+	Skates with foot supports	280 11.14
Extensible	351 126	Loop forming	140 103	Spring wheels	152 1+
Eyeglass bridge	351 65	Metal bending	72 135+	Steam traction engine mounting	180 40
Flexible	351 68	Processes	29 896.9+	Stub axle suspensions	280124.125+
Garment supporter belt etc	2 339	Processes spring head clip	29 896.8	Swinging and rocking axle	280124.114+
Garment supporters	2 324	Spring set saw making	76 71	Swinging axle	280 137.5+
Handlers with spring devices	414 913*	Wire spring setting	140 89	Resilient connections	280124.117+
Harrow teeth	172 705+	Motor or drive		Thill supports	278 81+
Hoof spreading horseshoe	168 8	Bobbin winding drive connection	242 484.6+	Tires spring and pneumatic	152 156
Material pressure actuated dispenser outlet	222 491+	Breech loading gun	42 5	Traction increasing lugs for wheels	301 51
Mop holders	15 154	Clock winding	368 147	Trailer draft device	280 483+
Music instrument spring shank hammer	84 324	Composite type motor	185 9+	Two wheel vehicle	280 65+
Pivoted tooth bar harrows	172 634+	Dental pluggers	433 157	Velocipede seat	297 195.1+
Plural bridges	351 67	Drilling machine	408 125	Wheeled vehicle	33 418
Rail seats	238 284	Expansible chamber motor rotary		Watch etc hairsprings	368 175
Railway car actuated switches	246 270 R+	Fishing reel	242 249	Sprinkler	D23 214+
Railway guard rails	238 18	Flying propeller toys	446 39+	Sprinkling	239
Railway rail splice bars	238 259	Hairsprings	368 175+	Carts	239 146+
Railway switches automatic	246 314	Hammer	173 202+	Embedded	239 201+
Railway tie plates	238 302	Handle bars	74 551.2	Flow regulator or modifier	239 533.1+
Railway track ties	238 48	Locomotive	105 67+	Head fire extinguishing	169 37+
Resilient wall dispensers	222 206+	Motor	185 37+	Rack combined	211 127.1
Sandals	36 7.8	Pump	417 328	Showcase combined	312 115
Sash balances	16 197+	Railway motor support	105 139	Textile treating	68 205 R+
Sheet retainer with releasable keeper	402 60+	Reels spring drum type	242 371+	Sprocket	474 152+
Shoe heel	36 38	Spinning reel	242 226	Chain	474 202+
Shoe heel making	12 31.6	Spring mounting for	185 45+	Making	29 893
Shoe soles with spring heel	36 27	Steam traction engine mount	180 40	Chain	59 5+
Slitted diaphragm dispenser	222 490	Store service	186 10+	Railway cable	104 236
Spring back paper binders	24 67.3	Strap actuator with return	74 136+	Chain cable	104 237
Spring heel horseshoe	168 15	Tops	446 260	Spud Anchor	37 345+
Truss pads	128 119.1	Toy vehicle	446 464	Spur	
Watch spring packages	206 70	Truck ladder hoisting	182 63.1+	Attached shoe protectors	36 74
Watchcase	368 311+	Typewriter carriage	400 336+	Gearing (see gearing spur)	
Wheel harrows	172 613+	Nut remover	29 270+	Horseshoe spur fastening	168 21
Wheel substitute harrows	172 389+	Panels for chairs and seats	267 80+	Riding	54 83.1+
Wooden crates cushioned	217 54+	Railway		Design	D30 157
Exercising devices	482 121+	Rail seats	238 284	Stirrups combined with	54 49.5
Springboards	482 30+	Tire cushions	295 14	Tag fasteners	40 669+
Fire escape	182 190+	Setting	140 89	Tube	
Fluid	267 113+	Spring buckle	200 408	Boiler	122
Vehicle	267 64.11+	Support	267	Heat exchangers	165 42
Guns and projectors	124 16+	Casters	16 44	Mineral oil distillation	196 129
Hairsprings	368 175	Centrifugal speed responsive device	73 546+	Wheel traction increasing	301 43+
Hammer drive	173 202+	Lamp shade on bulb	362 444	Sput	285 201+
Heat treating metal	148 580	Lamp shade on chimney	362 445	Sputtering (See Cathode Sputtering)	
Hinges	16 277+	Lamp shade or bowl support	362 440	Sputum Cup	4 259
Bracelets	63 8	Machine foot	248 615+	Spyglasses	359 399+
Horseshoe	168 8	Machinery base	248 560+	Square	33 474+
		Machinery bracket	248 674+	Combined	
		Machinery suspension	248 637+	Fixed straightedge	33 429

Class Subclass	Class Subclass	Class Subclass
Hypotenuse 33 420	With operational sequence control for stack pattern forming 414 902*	Racks for hand stamps 211 39
Nonpivoted straightedge sliding 33 427	Stacking for dispensing 221 175+	Registers 235 101
Pivoted straightedge sliding 33 425	Stacking Apparatus 414 788.1+	Rubber 101 368+
Leveling feature 33 451	Stadium (See Theatre) 52 6	Endless band 101 111
Squeegee (See Wiper and Wiping)	Construction D25 12	Scarifiers 81 9.21
Cleaning device 15 245	Staff	Time 346 80+
Brush combined 15 117	Flag 116 173+	Time with automatic recording mechanism 346 80+
Design D32 41	Horological 368 324	Vending machine for D20 2
Material supply combined 401 261+	Planting 111 97	Stamping and Stamped Devices
Wiper combined 15 121	Railway signal system 246 19	Bed bottom risers 5 206
Squeezer	Support 248 511+	Cigar 131 106
Animal traps 43 85+	Tobacco ash receiver support 131 259	Cigarette package 131 283
Butter worker 99 452+	Stage (See Theater) 52 6+	Envelope
Citrus fruit 99 495+	Appliances 472 75+	Printing and stamping 493 320+
Cotton gin 19 49	Scenery shifting 472 77+	Sealing and stamping 156
Expressing 100 104+	Illusions 472 57+	Hand D18 14+
Paste tube 222 95+	Lighting 315 312+	Metal working 29 DIG. 37
Raisin seeders 99 547+	Motion picture set 352 88+	Mill 241 270+
Textile fluid treating apparatus 68 94+	Set design D25 58+	Plug tobacco 131 368
Squeezing	Stagger Tuned Amplifiers 330 154	Sheet metal chain 59 15
Liquids from solids 100 35+	Stained	Stanchions 119 738+
Apparatus for, with drain 100 104+	Glass mosaics 428 38+	Sure stop 119 904*
Squid	Stainless Steel 420 8+	Stand (See Holder; Support) 248 127
Processing for food 452 12+	Austenitic 420 43	Apparel apparatus 223 120
Squirt	Heat treated stock 148 325+	Bag holder 248 97+
Locomotive cab 239 174	Heat treating 148 605+	Beehive 449 26
Preventer	Pyrometallurgy 75 507+	Bicycle
Type casting integral line 199 53	Stains Paint 106 34	Kick stands 280 293+
Type casting separate type 199 90	Dyeing only 8 402	Locked 70 235
Stabilizing (See Preserving)	Stair (See Ladder) 52 182+	Racks 211 17+
Aircraft	Amusement 472 48	Book and music 248 441.1+
Propellers 244 92	Climbing exerciser 482 52+	Bracket
Weights 244 93+	Design D25 62+	Alternative 248 126
Colloids, agents for 516	Escalators 198 326+	Combined 248 121+
Gyroscope 74 5.22	Lighting 362 146	Cabinet structures 312
Mineral oil 208 351	Mobile for boarding aircraft D34 30	Calendar 40 120
Missiles, manned 244 75.1+	Pads and covers	Christmas tree 248 519+
Missiles, unmanned 244 3.1+	Conforming to tread nose 52 179	Copyholder 248 441.1+
Projectiles 244 3.1+	Rug fasteners 16 10+	Dental equipment 433 25+
Ships 114 121+	Slatted 52 180	Dish 248 128+
Space ships 244 158.1+	Scribers for stair curves 33 29	Flatiron 248 117.2+
Synthetic resin or natural rubber (see class 523, 524)	Static mold for making 249 14	Accessory combined 38 142
Latex 528 935*	Tread D25 69	Hat 211 33
Stable	Stake	Horseshoeing 168 44
Animal 119 436+	Animal hitching 119 786+	Hose 248 80+
Stalls 119 516+	Posts, design D30 154	Ink (see inkwell) 248 127+
Stalls, design D30 108+	Guided cultivator 172 24	Lamp stove 126 259 R+
Stanchions 119 738+	Land vehicle body 296 43	Light 362 410+
Stack and Stacker (See Packing)	Railway freight car 105 380+	Design D26 142+
Beds stacked 5 8	Tent 135 118	Lock type article supports 70 62
Bottle and jar 215 10	Staking	Machinery stands 248 676
Calender rolls 100 162 R	Hide 69 34	Bracket convertible 248 645
Dispensing 221	Watches and clocks 29 231+	Mirror type
Cabinet 312 42+	Stalk and Stalk Handling	Handle 248 471
Rack 211 59.2+	Choppers 56 500+	Plural mirror 359 871+
Electrical insulator 174 137 R+	Fiber liberating 19 10	Music 248 441.1+
Forming apparatus 414 788.1+	Harvester	Nozzle 248 80+
Coal storage type 414 133	Cornstalk type 56 51+	Nursing bottle 248 105+
Furnace and flue	Woven 139 424	Paste tube 248 109
Draft regulator 110 159+	Stalls	Photography
Feed water heater 122 439+	Animal 119 516+	Retouching 396 656+
Marine 114 187	Adjustable size 119 522	Picture 248 469+
Masonry or concrete 52 245	Floor 119 525+	Plant 47 39+
Smoke stacks 110 184	Matt covering 119 526	Plural leg 248 163.1+
Spark arrester 110 121	Waste collection 119 527	Power 74 16
Hay stack shaping 414 132	Partition 119 523	Rack type 248 127+
Horizontally attached receptacle set 220 23.2+	Portable 119 519	Railway switch 246 393+
Nuclear fuel components 376 433	Thermolytic distillation 202 97+	Interlocking 246 144+
Pneumatic 406	Stamp (See Branding)	Signal 246 476
Receptacles 206 501+	Affixers 156	Vehicle actuating 246 278+
Special package, stacked item 206 821*	Alteration preventing or detecting 283 71	Shoe 211 37
Rotary rolling contact printer 101 232+	Brand burning 219 228	Shoe blacking 15 265+
Sheet	Brand burning 101 27	Staff type 248 519+
Cutting combined 83 86+	Design D19 9+	Stand boilers 122 13.01+
Delivering 271 278+	Dispensers 83 242+	Boiler receiving from stove 126 363.1+
Electrophotographic copier 399 404	Coin controlled 194	Stand pipe (see tank) 137 593
Feeding 271 8.1+	Hand stamp collocater 33 614+	Spur central 122 307+
Material folder 83 83+	Handles 101 405+	Superheater spur tube 122 475
Oscillating blade 271 264+	Holder, household type D19 67	Water tube 122 321+
Stacked article support 211 49.1+	Imprinting or embossing stamp D18 15+	Water tube coil 122 244+
Adjusts for different sizes 414 900*	Key, workmans time recorder 346 53	Water tube flue 122 184+
Card or sheet 211 50+	Mail cancelling 101 371	Water tube loop 122 281
With impaling means, follower 211 54.1	Mill 241 270+	Stove gas burner 126 40
With impaling means, terraced 211 57.1	Pad 118 264+	Stove shelf 126 333
With article counter 414 901*	Plural parallel blade cutlery 30 305	Strand spool holders 242 139
With impaling means 211 59.1	Pocket receptacle 206 39+	Telephone 379 454+
With load-supporting fluid cushion 414 903*	With tearing edge 225 39+	Tire 211 24
With means to apply adhesive to articles 414 904*	Postage roll dispenser D19 67+	Tray or receptacle 211 133.1
	Printed labels 283 81	Wire type 211 133.2
	Purse with holder 150 106	Trolley 191 66+
		Type case accessory 276 44

Stand	Class Subclass	Class Subclass	Class Subclass
Watch and clock	248 116	Phonograph	369 243
Woodworking	269 289 R+	Pump regulator	417 1+
Modified for saw blade	269 83	Retort burner	431 218
Work (see holders, work)	269	Tool driving or impacting device	
Dental equipment	433 49+	Handle relative movement	173 18
Remover	D08 48	Tool relative movement	173 13+
X ray type	378 193	Trap door	105 435
Standard		Valve in expansible chamber motor	91 286
Batteries	429 125	Stateroom	114 189
Bolsters combined	280 143+	Static Electricity	307 149
Dental engine	433 103+	Anti inductive transmission line	174 32
Feed bag support	119 69	Charges discharging	361 212
Plano hammer action	84 242	Circuit maintenance signaling	340 292
Plow	172 681+	Circuit maintenance telegraphy	178 69 R
Beam and tool standard		Collecting with condenser	320 166
connection	403	Corona prevention	174 127
Shovel connection	403	Discharging	361 212
Scaffold	248 127+	Elimination	361 212
Sifter support	209 415	Generators	310 309+
Support	248 158+	Grounding	174 6+
Stannate Ceramic Compositions	501 134+	Ignition circuits	315 85
Stapilizing	19	Lamp circuits	315 85
Artificial fibers	83 913*	Lightning arrestors	361 117+
Spinning combined	57 2	Lightning rods	174 2+
Stapling & Staple Setting		Metallic bleed off	428 922*
Applying apparatus	227	Shielded cable	455 296+
Broom making machines	300 13	Squelch	455 222+
Handles on shopping bags	493 926*	Shielded cable	174 102 R+
Labelling fabrics	156 DIG. 22	System safety	361 1+
Reels	242 370+	Telephone circuits anti inductive	379 414+
Sheet material associating		Static Information Storage & Retrieval	365
combined	270 52.18	Floating gate memory storage	365 185.01+
Folding combined	270 37+	Static Structure Eg Buildings	52
Staple	411 457+	Station	
Insulated	174 159	Match packaging fill and cover	53 236
Making	59 71+	Power driven conveyor work	198 339.1+
Making and setting	227 82+	Railway	104 27+
Puller	254 28	Receptacle fill and close separate	53 276+
Stapler design	D08 49+	Receptacle fill and close single	53 268+
Surgical stapler	227 175.1	Signal or indicator	
Tobacco plug tagging combined	131 113+	Automatic to cab from highway	
Star	428 11	or	246 174+
Illuminated	362 121	Electric station selective	
Ornamental lighting	362 807*	systems	340 825.38+
Starch and Derivatives	536 102+	Passengers	246 209
Coating or plastic composition	106 206.1+	Train dispatching	246 14+
Alkali metal silicate	106 617	Train dispatching emergency	246 13
Casein	106 145.1+	Vehicle station indicators	116 29
Glue or gelatine	106 145.1+	Train dispatching emergency	246 13
Inks	106 31.39+	Stationery	D19
Mold	106 38.51	Container	206 215
Mold coating	106 38.23	Design	D19 1
Plaster of paris	106 779	Envelope	D19 3+
Polishes	106 5	Stator Winding of A C Machine	310 195+
Portland cement	106 730	Statue	428 15
Prolamine	106 145.1+	Design	D11 143+
Protein miscellaneous	106 145.1+	Fauna	428 16+
Confection molding apparatus	425	Stave	
Esters	536 107+	Barrel	217 88
Manufacture	127	Making shaping jointing	147
Nitrogen containing	536 45+	Stay	
Starter and Starting (See Device Associated Therewith)		Apparel	2 255+
Arc	315	Glove	2 166
Arc lamp	314	Shoe	36 57
Mercury vapor lamp	313 170+	Shoe closure	36 53
Burner		Trousers	2 231+
Buttonhole sewing machine	112 67	Wire	140 91
Door	49 276+	Boiler	
Engine or motor		Braces combined	122 493
Electric motor	388 842+	Crown sheet combined	122 496
Electric motor	318 430+	Bolts for steam boilers	411 379
Electric motor	318 136+	Box (wooden)	217 69+
Electric motor type starter	290	Paperboard box	229 198.1
Expansible chamber motor type		Pivoted edge	24 267
starter	91 53	Screw impeller	416 194
Internal combustion engine	123 179.1+	Stay bolts	411 379
Starter gearing	74 6+	Vehicle body irons	296 42
Starter-generator drive	74 810.2	Curtain backstays	296 144
With planetary gearing	475 13	Wire	140 90+
Strap starter	74 139+	Woodworking	
Fan regulator	416 170 R	Stay logs	144 177+
Fluid flow	4 368+	Stay logs veneer lathes	144 214
Gate		Staying	
Race track	119 423+	Box making	493 89
Hydrocarbon synthesis start-up		Marine vessels	114 83
procedure	585 951*	Wire fabric	140 10+
Loaded land vehicle	278 2	Portable machines	140 18+
Vehicle operator actuated	280 151	Steady Rests	
Motor vehicle, safty belt		Abrading	451 406+
responsive to starter		Turning	82 165
circuit	180 270	Steam	
		Attachments to ashpans	110 171
		Bath	D24 204+
		Boiler (see boiler)	
		Design	D23 318+
		Nuclear reactor type	376 370
		Cleaning of particulate bed filter	210 274+
		Combustion	
		Engines utilizing	123 25 P
		Fluid fuel burners utilizing	431 163
		Fluid fuel burners utilizing	431 210+
		Solid fuel burners utilizing	110
		Condensers	165 110
		Distilling with	203
		Dome	
		Boilers having	122
		Steam separators	122 492
		Structure	122 508
		Superheater	122 486
		Engine and motor (see motor)	
		Design	D15 2
		Expansible chamber type	91
		Locomotive structure combined	105 37+
		Motor vehicle	
		Steam tractive type	180 36+
		Traction motor	180 303+
		Recording indicator	346 3+
		Safety valves	137 455+
		Second type combined	60 698+
		Turbines	415
		Vehicle heating combined	237 12.1+
		Fumigators	43 130
		Gas & liquid contact apparatus	261 DIG. 76
		Degasifying liquid apparatus	96 155+
		Degasifying liquid process	95 241+
		Gas separation	96 374+
		Generator and boiler	122
		Autothermic kiln combined	202 94
		Cookstove combined	126 5
		Hot air furnace combined	126 101
		Incinerators having	110 234
		Still and feed water heater	202 167
		Still and stand boiler	202 166
		Thermolytic retort combined	202 106
		Heating by	
		Boilers	122 31.1+
		Cooking ovens	126 20
		Direct application to food	126 369
		Driers	34
		Feed water	122 412+
		Flatirons	38 85
		Heaters condensers	261 DIG. 10
		Heating systems	237
		Open pan concentrators	159 36+
		Open top liquid heating vessel	126 377.1+
		Power plant and water heater	60 642+
		Power plant and water heater	60 669
		Tables	126 33
		Textile ironers	38
		Track sanders	291 21
		Injector	
		Boiler cleaner	122 379+
		Furnace draft regulator	110 147+
		Lubricators	184 55.1+
		Iron	38 77.1+
		Pumps	417 151+
		Liquid purification	210 198.1+
		Rollers	180 20
		Sterilizing methods	422 26+
		Superheater	122 479.1+
		Traps	137 171+
		Treatment	122 459+
		Power plant exhaust	60 685+
		Combustion device feed in	60 683
		Serially connected motors	60 679+
		Power plant superheating	60 662
		Turbine (see turbine)	
		Vacuum pump design	D15 7+
		Valve design	D23 233+
		Whistles	116 137 R+
		Steamer Bag or Trunk	D03 272
		Steaming and Steamer	
		Apparel	223 51
		Dress coat or skirt	223 70
		Stockings	223 76
		Trousers or sleeve	223 73
		Food	426 506+
		Boilers	99 410+
		Infusers	99 293+
		Miscellaneous food apparatus	126 369+
		Sterilizing apparatus	99 467+
		Grain	426 507+
		Apparatus	99 467+

Class Subclass		Class Subclass		Class Subclass	
Hair, beauty parlor equipment	D28 12+	Walking attendant	180 19.1+	Rail	238 136
Solid material comminutors	241 1	Plows and cultivators		Sleeping car	105 326
Apparatus	241 38+	Automatic	172 2+	Wall attached	182 90+
Cereal processes	241 12	By walking attendant	172 669+	Window scaffold combined	182 54
Miscellaneous processes	241 15+	Lister furrow guided	172 26	Step-By-step Propulsion	280 1.181
Whole seed processes	241 8	Tree or stake guided	172 24	Stepladder	
Sterilizing and preserving	422 27+	Remote control		Convertible to chair or seat	182 33+
Wood treatment	118 50	By radio	340 825.72+	Propped	182 165+
Textile apparatus	68 5 R+	Pulse responsive	340 825.69	Pivoted platform	182 124+
Implements	68 222	Electric steering motor	318	Stepped Building	52 182+
Textile processes	8 149.3	Of drill bit in well bore	340 853.6	Stepper	
Tobacco	131 300+	Torpedo	114 21.3	Land vehicle	305 1+
Wood bending	144 271	Self steering wheeled toys	446 441	Motor vehicle	180 8.1+
Stearic Acid	554 1+	Sled	280 16	Runner supported, shuffling	180 187
Steel	420 8+	Flexible runner	280 21.1+	Simulating vehicle	280 1.181+
Austenitic	420 8+	Wheel	74 552+	Stereocomparagraphs	
Butchers	76 84	Cover or grip	74 558	(See Photogrammetry)	
Composite casting	164 91+	Lock	70 211	Stereograph (See Stereoscapy)	359 462
Heat treatment	148 579+	Position indicator	116 31	Stereopticon	84 24+
Making	266 200+	Windmill	416 9	Stereoscope	D16 222
Pyrometallurgy	75 507+	Steins	215 235+	Stereoscopic photography	396 324+
Stainless	420 8+	Stem		Viewer	359 466+
Heat treated stock	148 325+	Flower		Stereoscopy	
Heat treating	148 605+	False stem	47 55	Anaglyphs	359 462+
Wool making	29 4.51+	Key	70 402+	Camera still	396 324+
Steeping Starch	127 68	Extensible	70 397	Motion pictures	352 57+
Steepie	52 82	Foldable	70 393	Projector	353 7
Design	D25 35+	Plural	70 401	Stereograph	359 462+
Steering		Medicators	604 309	Television	348 42+
Aircraft	244 50	Smoking pipe	131 227+	Vectograph t m	359 489
Controls	244 75.1+	Absorber type	131 204	Viewers	359 466+
Propulsion	244 51+	Cap and tool	152 431	X ray	378 41
Automatically controlled		Cleaners	131 245	Stereotaxic Devices	606 130
Aeronautic	244 175+	Valve		Stereotype	
Drop bombs	102 384	Coaxial	137 637.2	Casting	164 2+
Ship	114 144 R+	Detachable actuator	251 128	Finishing	29 21
Torpedo	114 23+	Inflation type	137 223+	Mold and trimmer	164 140+
By articulated movement	280 442+	Stop combined	251 284+	Planing	409 309
Semitrailer	280 426	Tire combined	152 429+	Plates	101 368+
By driving	475 18+	Watch		Sterile Body Treatment Tool Package	206 210
With motor control	477 1	Fasteners	368 307	Sterilizer	D24 217+
Collapsible steering post	280 777	Winding	368 216	Telephone	379 452
Control lever and linkage systems		Winding and setting	368 190+	Sterilizing (See Heat)	422
Control and steering combined	74 484 R+	Stemming		Apparatus for treating air	422 120+
Handle bars	74 551.1+	Fruit	99 637+	Electrolytic	205 701+
Handwheel	74 552+	Tobacco	131 313+	Foods	426 521+
Steering posts	74 492+	Stemware Container	206 426	Apparatus	99 467+
Electric	318 489	Stencil and Stenciling	33 563+	Gas or solid by direct contact with	
Five or more wheels	180 23+	Abrading resist	451 442+	electrical or electromagnetic	
Illuminator control combined	362 37+	Utilization	451 29+	radiation	422 22+
Lights for steering switches	362 36	Addressing machine	101 48+	Apparatus	204 660+
Land vehicle		Blank making by coating	427 143	Electrical	204 660+
Hand	280 47.11	Brush	D04 135	Gas separator combined	96 223+
Occupant propelled with		Design	D19 40	Heating gathered soil	47 1.42
steering	280 200+	Lettering	D19 40	Liquid by electrostatic	204 554
Occupant steered	280 80.1+	Nonuniform coating by stenciling	427 256+	Ray energy	250 455.11+
Lock and switch combined	70 252	Plate	101 112	Fluent material	250 428+
Marine		Printing devices	101 114+	Xray	378 64+
Centerboards	114 128	Photo process making	430 308	Tobacco	131 290
Chain propeller	440 95	Toilet or make up	132 319	Electrical or radiant energy	131 299
Crank paddle	440 26	X-art collection	425 811*	Water	210
Jet	440 38	X-art collection	493 953*	Steroids	552 502+
Oscillating propeller	440 13	Stenographic		Glucosidal	536 5+
Paddle wheel	440 90	Copyholder (see copyholder)		Heterocyclic nucleus ctg	540 2+
Portable propeller	440 53	Stenograph	D18 20	Sterols	552 540+
Reciprocating propeller	440 13	Telegraphic system	178 21	Stethoscope	
Screw propeller	440 53	Typewriter	400 91+	Acoustic type	181 126+
Steering mechanism	114 144 R+	Stenter (See Tenter)		Design	D24 134
Torpedoes	114 23+	Step		Electric type	381 67
Towing	114 242+	Brake vehicle step operator	188 108	Stibonium	556 64+
Motor actuated	244 175+	Cabinet with	312 235.1	Stick	
Motor vehicle	180 400+	Climbing vehicles		Candy design	D01 127
By differential traction	180 6.2	Wheeled	280 29	Candy stick per se	426 294
Endless track	180 6.7	Escalator	198 326+	Cane or umbrella type	135 65+
Caterpillar type	180 9.44+	Ladder	182 228.1	Design	D03 5+
Five or more wheels	180 22+	Detachable	182 120+	Confections	426 134+
Fluid power	180 417	Bracket type	182 228.3	Manufacturing	425 110+
Four wheels driven, articulated		Sleeve type	182 228.4	Edible stick or strip form	D01
frame	180 235	Land vehicle	280 163+	Handler	294 87.11
Gear	180 400+	Design	D12 203	Inedible holder for food	D01 105
Shaft	180 78	Endgate convertible	296 62	Inserter	227
Steerable, driven wheel	180 252	Mast	114 93	Laminating	156
Five or more wheels	180 23	Passenger recorder	346 40	Laundry	294 23.5
Four wheels driven, all		Rail detachable	238 140	Loom picker	139 157
steerable	180 234+	Railway car	105 443+	Match	44 511+
Motor-carrying attachment	180 12+	Gates combined	105 437+	Meat supporting	452 186
Steam tractive vehicle	180 37+	Trap door combined	105 430+	Mountain climbing	482 51+
Three wheels	180 211+	Rotary crane	212 253	Skaters	280 826
Two wheels	180 223+	Step plate for vehicle	D12 203	Skein or hank supporting for	
Two wheels, rotary element		Stilt	482 76	washing	68 147+
driven wheel	180 222	Tread (see --; ladder; stair)		Trickler and sprinkler	68 206
Using terrestrial guide	180 401	Lighting vehicle step	362 481	Tobacco supporting	294 5.5

Class Subclass		Class Subclass		Class Subclass	
Typesetting	276 38+	Time controlled feeder	119 51.11	Ladder	182 209+
Stickpin	D11 47	Vehicle body	296 12+	Lever	74 526
Hat pin	D11 207	Magnetic	148 300+	Light	340 907+
Stiffened Fabrics		Material	428	Brake operated switch	200 61.67
Coated or impregnated	442 103	Label and tag indicators	283 81	Pressure operated switch	200 81 R+
Stiffener		Radiation barrier	250 505.1	Wiring system	315 80
Apparel	2 255+	Treated metal	148 400+	Organ	84 85
Collar etc making	223 4	Metal-to-metal laminate	428 615+	Shear	30 271
Making	223 27	Milling machine tailstocks	409 242	Target projectile stop combined	273 404
Shoe counter	36 68	Quotation		Valve	251 284+
Shoe shanks	36 76 R	Changeable exhibitor	40 446+	Watches	368 101+
Shoe toe and heel type machines	12 61 R+	Electric	340 825.26+	Watches	968 834
Shoe upper metallic seam	36 58	Indicator type	116 200+	Wick	431 301
Railway rail joint		Projector type	353 46+	Wind instrument	84 369+
Base plate	238 213	Telegraph bulletin	178 24	Zipper end	24 436+
Chair base	238 189	Telegraph printing	178 23 R+		
Stills (See Distillation)	202	Telegraph ticker tape	178 34+	Stop Mechanism	
Chemical apparatus combined	422 189+	Railway rolling	105	Fabric and cord	
Mineral oils	196 98+	Toy	446 467	Bobbin cone wind	242 479.9+
Refrigeration system combined	62	Sample and		Bobbin winding	242 472.9+
Stilts	482 75+	Cabinet compartment	312 234	Cloth finishing cutting	26 10 R+
Body attached	623 28+	Showcase compartments	312 118+	Cloth fulling stopping	26 24
Ceramic	432 258+	Tray	206 557+	Convolute winding	242 534+
Design	D21 422	Treatment of paper	162 1+	Cordage winding	242 472.9+
Stippling		Woodworking bit	81 28+	Fabric measuring	33 740+
Metal forging	72 76	Stockbarger Type Crystallization	117 81+	Material engaging	188 65.1+
Processes	427 256+	Stocking (See Hose)	2 239+	Nuclear reaction control	376 207
Roll	492	Bandage type	602 62	Nuclear reaction control	376 227
Stirling Cycle	60 517+	Cap	D02 889	Printing bed and cylinder	101 275+
Refrigeration	62 6	Darning	66 2	Printing rotary press stack	101 232+
Stirrer (See Agitator)	366 343	Design appliances	D03 26	Sewing machine	112 271+
Chain-type	366 607*	Forms	223 75+	Bobbin winding	242 484.8
Dispensing		Putting on or removing	223 112	Buttonhole	112 67
Discharge assistant combined	222 226+	Hose	D02 980+	Embroidering	112 87
Discharge assistant type	222 251+	Knitting	66 178 R+	Sheet braiding and folding	270 46+
Jarring or vibrating	222 196+	Design	D02 980+	Textile associating netting	
Stationary	222 459	Pantyhose	2 409	and lace making	87 18+
Trap chamber type discharge		Pressing or molding	223 60	Textile covering	57 19
assistant	222 216+	Protectors (see protection)	2 61	Textile fiber preparation	19
Drier stationary receptacle	34 179+	Gaiters and leggings	36 2 R	Textile knitting	66 157+
Gas agitation	222 195	Gaiters and leggings design	D02 909+	Textile spinning and twisting	57 78+
Heating etc gas generator fuel	48 85.2	Sewing		Textile twisting by couple	57 61
Heating furnaces with	432 139+	Cup type feeder	112 18	Textile weaving	139 336
Hops	366 343	Supporters	2 300+	Warp activated	139 349
Liquid purification		Design	D02 625+	Weft activated	139 370.1
Centrifugal filter rotary	210 380.1+	Wear sole combined	36 9 R	Thread stretching with stopping	28 242
Loose material filter cleaning	210 269+	Stogies	131 360+	Warp preparing stopping	28 186+
Mineral oil vaporizing process	208 146	Stoker (See Feeder, Fuel)		Machine	
Smoking devices with	131 184.1	Design	D23 396	Article elevator	414 674
Tedder type	56 370+	Furnace	241 600*	Brakes	188
Stirrup		Furnace charger	414 147+	Cable drum control	254 267+
Connection or joint	403 232.1	Locomotive blower type	110 105.5+	Drill feed	408 5
Harness	54 47+	Locomotive coal crushers	241 276	Drying automatic control	34 572
Design	D30 142	Progressive feed through		Elevator control	187 276+
Railway coupling	213 199	combustion chamber	110 267+	Fan regulator	416 170 R
Saddle	54 47+	Stole, Apparel Design	D02 823+	Hoist traversing cable	212 86+
Textile drawing pressure device	19 266	Stoma Receptacle	604 332+	Lathe carriage	82 132+
Stitching (See Sewing)		Stone		Metal working	72 1+
Blind stitch guides	112 140	Artificial	106 600+	Motor vehicle safety	180 271+
Blind stitch methods and seams	112 475.24+	Inorganic settable ingredient	106 638+	Planer tool feed	409 326+
Brushes wirebound and	15 189	Compositions impregnating	106 12	Power driven conveyors	198 832+
Embroidering machines	112 78+	Fences	256 19	Power stop control	192 116.5+
Hemstitching	112 81+	Gatherer	171 63+	Pump regulator	417 1+
Horizontal needle stitch		Grinding processes	451 41+	Punching machine shaft drive	83 58+
forming	112 93+	Jewelry use	D11 89+	Punching machine shaft drive	83 69
Knitting textiles	66	Precious changing color by		Punching machine shaft drive	83 203+
Leather sewing	112 28+	radiation	250 492.1+	Register control	235 132 R
Sewing machine mechanism	112 154+	Printing surfaces	101 453+	Rotary crane	212 276+
Sheet material associating and	270 52.18	Remover	37 303	Telegraph code recorder	178 95
Folding combined	270 37+	Working	125	Tool turret carriage	29 65
Shoe sole		Design	D99 17+	Type casting	199 52+
Hemp sole	112 470.25	In situ	299	Type distributing	199 43
Imitation stitch	12 32	Stoners for Fruits Etc	99 547+	Typewriter carriage	400 298+
Leather sewing	112 28+	Stool	108	Typewriter case shifts	400 277+
Removers	12 39.3	Contoured	297	Typewriter line spacing	400 547+
Stitch separating and indenting	12 32+	Design	D06 349+	Typewriter tabulator	400 294+
Stitched article	36 18+	Folding	108 115+	Unwinding	242 563+
Stapling	227	Knelling or scrubbing	182 230	Windmill	416 14
Stitch control	112 154+	Milking	297 175+	Wire feeding for working	72 461
Stitch marking	112 470.21	Padded	297 461	Stop Watches	368 101
Textile processes with	28 140+	Piano duet	297 232+	Stopcock Boxes	220 3.2+
Trimmers combined	112 122.1	Planar surface	108	Stopper	
Stock (See Blanks)		Stop		Bath and sink	4 286
Anchors	114 301	Accordion	84 376 R	Bottle and jar	215 355+
Animal husbandry	119	Aircraft		Breakable neck	215 50+
Animal restraining	119 729+	Barrier type	244 110 R	Design	D09 439
Die	408 120+	Animal	210 131	Closure for receptacle	220 801
Firearm	42 71.01+	Backstop bowling	473 114	Flexible bag	383 96
Lathe headstocks	82 142+	Car	104 249+	Flue	126 319
Lathe tailstocks	82 148	Door	16 49+	Ingot or pig molds	249 204
Live care and handling	119	Elevator car	187 351+	Ordnance	89 30
Railroad sprinkler stock alarm	239 173	Hinge	16 374+	Ship or vessel	
				Cable	114 199+

Class Subclass		Class Subclass		Class Subclass	
Hawse pipe.....	114 180	Straightening Devices		Antiskid for wheels.....	152 221+
Leak.....	114 227+	Decurling coated flap of envelope ...	493 395+	Apparel supporting.....	2 338+
Port.....	114 174+	Grain harvester.....	56 473	Spaced holders.....	2 323+
With measuring devices.....	222 424.5+	Metal		Auto folding top.....	296 130
Tilttable.....	222 454+	Automobile frame.....	72 705*	Boot.....	36 56
Stopwatch	D10 30	Leveler.....	72 160+	Button loops.....	24 660
Storage		Stretcher.....	72 302	Closure holding	
Battery.....	429	Paper web.....	162 270+	Wooden boxes.....	217 66+
Charging and discharging.....	320	Shoe sole.....	12 120.5	Clutch.....	192 80+
Connections.....	439 754+	Tobacco treatment.....	131 324+	End attaching devices.....	24 265 R+
Electrolyte.....	429 189+	Stemming.....	131 315+	Hand	
Half lead.....	429	Trouser leg.....	2 233	Casket lowering.....	27 33+
Lead.....	429	Wire.....	140 147	Package and article carriers.....	294 149+
Plates and grids.....	429 209+	Cutting combined.....	140 139+	Railway car.....	105 354
Building & devices(see garage; silo) ...	52	Strain		Harness	
Ballast storage for aircraft.....	244 94	Connector electrical.....	439 296+	Breast.....	54 58+
Bed with stowage.....	5 503.1	Gauge.....	33 DIG. 13	Breech.....	278 128
Bin with power driven		Relief		Hame.....	54 28
conveyor.....	198 550.1	Pipe joint.....	285 114+	Hitching.....	54 34
Coiled material.....	242	Reliever electrical cord terminal.....	439 449+	Loops.....	24 182
Crib with stowage.....	5 96	Strainer (See Filter; Screen; Sifter)		Hat.....	132 58
Fire escapes.....	182 82+	Baths closets etc.....	4 286+	Machine element.....	74 570.1
Food storage receptacle.....	99 467+	Sinks.....	4 652	Making	
Magazine for label pasting.....	156	Concentrating evaporator.....	159 42	Box straps.....	140 74
Material handling.....	414 589	Dispenser combined.....	222 189.02+	Strap finishing.....	69 17
Positioning material for		Dispensing type sprinkler etc.....	222 565	Nuclear reactor moderator support..	376 304
building erection or repair.....	414 10+	Eaves, troughs.....	52 11	Safety.....	182 3+
Parachute storage.....	244 147+	Kitchen utensil.....	D07 667	Tighteners.....	24 68 R+
Portable storage & means for		Liquid separation.....	210 348+	Bale and package ties.....	24 19
erecting.....	414 919*	Detachable.....	210 473+	Portable, detachable tensioners.....	254 199
Ramp.....	52 175	Faucet attached.....	210 449	Trouser.....	24 72.1
Storage provision on passenger		Mold for metal having.....	164 358	Weaving machine	
car.....	105 334+	Paper stuff.....	210	Harnessing connecting.....	139 88
Table leaf.....	108 86+	Press.....	100 130	Shuttle fly lug connecting.....	139 153
Table leaf terraced.....	108 93	Separating yeasts ferments etc.....	435 283.1+	Wheel brake.....	188 77 R
Vehicle top.....	296 140+	Separatory stills.....	202 178	Wrist watch.....	224 164
Ventilation of storage		Sewer inlet.....	210 163+	End attaching devices.....	24 265 R+
structure.....	454 173+	Sewerage trap.....	210 435+	Stratifying (See Separator, Solids)	209
X ray film holders.....	378 167	Support.....	248 94	Straw	
Cryogen.....	62 45.1+	Textile fluid treating apparatus.....	68	Drinking.....	239 33
Floating vessel.....	114 256	Vegetable etc comminutor type.....	241	Drinking device.....	D07 300.2
Hydrogen, alloys for.....	420 900*	Well casing.....	166 227+	Holder.....	D07 635
Radioactive waste material.....	588 1+	Strand (See Filament; Wire)		Mattresses.....	5 951*
Submerged vessel.....	114 257	Advancing material of indeterminate		Stacks forming.....	414 132
Tank.....	D23 202	length.....	226	Streamlined	
Underground fluid.....	405 53+	Brakes.....	188 65.1+	Aircraft.....	244 117 R+
Store Service	186	Drying apparatus.....	34 611+	Railway trains.....	105 1.4
Trolley type ladders.....	182 36+	Drying processes		Street (See Roads)	404
Using punch cards.....	186 56	Diverse.....	34 419	Cleaners and sweepers	
Storefront Design	D25 59	Gas contact.....	34 444+	Brushing.....	15 78+
Stores	52 28+	Heat.....	34 273+	Machinery.....	D32 15+
Bay windows.....	52 201	Vacuum or pressure.....	34 409+	With air blast or suction.....	15 300.1+
Self service.....	52 33	Feeder.....	226	Flushers.....	239 146+
Show window panel.....	52 777+	Finishing apparatus.....	28 217+	Lantern.....	362 257+
Show window panel.....	52 764+	Fire escape.....	182 189+	Oilers.....	239 130
Toy.....	446 476	Floor or wall attached.....	182 100	Pavements.....	404 17+
Storm Fronts		Joining (see joints)		Signal	
Railway passenger cars.....	105 353	Electric conductor.....	156 49	Marker.....	404 9+
Vehicle body.....	296 77.1+	Rope splices.....	57 202	Mirrors and reflectors.....	404 14
Window.....	52 202	Rope splicing devices.....	57 22+	Traffic.....	116 63 R
Screen combination.....	160 90+	Tying.....	289	Signs.....	40 612
Storm Windows	49 61+	Laminating.....	156 166	Street light.....	D26 67+
Stove	126	Making.....	28 217+	Design.....	D20 17
Absorber coating.....	126 907*	Braiding.....	87	Underground electric conductors.....	174 39
Air preheating.....	266 138+	Casting.....	164 418+	Streetcar	D12 36+
Dampers.....	126 285 R+	Knitting.....	66 3+	Appliance.....	D13 128
Automatic.....	236 45	Sliver assembling.....	19 157+	Strength Measuring	
Combined with furnace features.....	110 163	Spinning or twisting.....	57	By acoustic emission.....	73 801
Design.....	D07 339+	Waxed end.....	57 20	By impact or shock.....	73 12.01+
Handle or knob.....	D08 300+	Package.....	206 389+	By testing model of structure.....	73 804
Heating		Wound.....	242 159+	Hardness.....	73 78+
Electric.....	392 418+	Packaging.....	28 289+	Muscular.....	73 379.01+
Illumination.....	362 92+	Placing or cable hauling.....	254 134.3 R+	Coin controlled.....	194
Implements.....	294 9+	Seal for a joint or juncture		Optically sensed.....	73 800
Compound.....	7 109+	Carbon or graphite composite.....	277 938	Periodic.....	73 808+
Polish.....	106 3+	Glass composite.....	277 937	Alternating tension &	
Still combined.....	202 165	Structure		compression.....	73 797
Ventilators.....	D23 371+	Barbed wire.....	256 6+	Stress strain.....	73 788+
Working fluid compositions.....	126 678	Conductors.....	174 126.12+	To cracking of specimen.....	73 799
Stovepipe	126 307 R+	Conductors insulated.....	174 110 R+	Streptomycin	536 14
Design.....	D23 394	Conductors sheathed.....	174 102 R+	Stress Distributing (See Equalizing)	
Elbow bending.....	72 307	Fence wire.....	256 46	Conduit electric.....	174 73.1
Hood combined.....	126 301+	Textile.....	428 364+	Insulator electric.....	174 140 R+
Liquid heater.....	126 364.1+	Textile braided.....	87 8+	Testing.....	73 760+
Thimbles.....	126 314+	Textile twisted.....	57 200+	X ray tube.....	378 139
Straight Jackets	128 869+	Tearing or breaking.....	225	Stretchers & Stretching (See	
Straight Line Motions	74 103	Tire bead grommets.....	245 1.5	Definition Notes; Tension;	
Straightedge	33 403+	Winding, tensioning or guiding.....	242 470+	Tighteners)	254 199+
Design.....	D10 61+	Strangler		Boot and shoemaking	
Leveling.....	33 341+	Bridle.....	54 15	Loose upper shaping.....	12 54.1+
Rod joint.....	403	Strap		With diverse operations.....	12 52.5
Tearing or breaking.....	225 91	Animal shoe fastening.....	168 22	Coating process.....	427 171+

Class Subclass		Class Subclass		Class Subclass	
Coating process combined.....	427 401	Pneumatic pianos	84 54	Adhesively affixing	156
Design.....	D12 128+	Rigid vibrators with.....	84 404	With cutting	156 510+
Fabric.....		Stringed with	84 12	Apparel.....	2 338+
Apparel.....	223 52+	Punching bags.....	482 86+	Breaker strip	152 526
Carpet.....	254 200+	Railway draft block.....	213 58+	Building joint covering.....	52 459+
Carpet.....	294 8.6	Surfaces for matches	44 643	Buttonhole.....	2 266
Carpet fastener combined.....	16 5	Compositions	149	Carpet fastening.....	16 16
Fastener applier combined.....	227 12	Typewriter.....		Continuous binding.....	281 23
Frame, eg curtain stretcher.....	38 102.1+	Index wheel.....	400 165.1+	Convolute winding.....	242 520+
Framed panel.....	160 378	Key wheel.....	400 174+	Dispensing.....	221 33+
Hat shaping.....	223 15	String (See Cord; Strand)	57	Continuous strip.....	312 34.1+
Hung or draped.....	160 328+	Catgut.....	84 297 S	Towel.....	312 34.9+
Ironing table combined.....	38 108	Covering with copper or		Feeding and delivering.....	226
Smoothing.....	38 102	silver wire.....	57 3	Guide sewing machine.....	112 152
Smoothing implements combined.....	38 70	Draw.....	24 712	Handling (see feeder; sheet)	
Smoothing machine combined.....	38 12+	Gut.....	8 94.11	Manifolding.....	462 25+
Wire.....	140 108+	Insulators.....	174 150	Continuous form strip book	
Working combined.....	26 51+	Stress distributing combined.....	174 141 R	type.....	462 2
Fence incorporated.....	256 37+	Musical instrument.....	84 297 S+	Leaf and book combined.....	462 7
Frames.....		Musical instrument.....	984 117	Leaf combined.....	462 8
Tack puller for.....	254 18	Covering with wire.....	57 3	Metallic.....	428 544+
Textile sheets.....	38 102+	Design.....	D17 14+	Compound.....	428 615+
Horseshoe.....	168 9	Piano.....	84 199	Strips of repeated articles,	
Invalid lift.....		Tuning devices.....	84 455	cut up later.....	29 DIG. 40
Bottoms and slings.....	5 625+	Nail manufacture.....	470 122	Paper.....	281 5+
Field type.....	5 626+	Nailers.....	227 95+	Leaves combined.....	281 2
Wheeled.....	296 20	Plate piano.....	84 188	Printed.....	283 62
Leather.....		Frame and sounding board		Pasters.....	156
Belt.....	69 1.5	combined.....	84 184	Perforated telegraph tape.....	178 112
Frame.....	69 19.1+	Frame combined.....	84 185	Recorder record receiver.....	346 136
Lasting machine.....	12 7+	Sounding board combined.....	84 187	Recording paper.....	346 136
Lasting tool.....	12 108+	Shoe.....	24 715.4+	Servers (see notes & definitions).....	226
Shoe spot stretchers.....	12 115.2+	Tag.....	40 662+	Spiral cutting.....	83 680
Translating tool.....	69 46	Band type.....	40 665	Supports.....	211 45+
Work holder.....	69 19	Tear.....		Stacked.....	211 50+
Metal curving or straightening.....	72 302	Bag.....	383 206	Switchboard.....	361 600
Metal slitting and.....	29 6.1	Box.....	229 239	Telephone.....	379 325
Necktie.....	223 65	Envelopes.....	229 311+	Tack.....	411 439+
Pelt.....	69 19.1+	Stringed Instruments	84	Tape appliers shoe making.....	12 59.5
Pushing and pulling implements		Automatic player pianos.....	84 7+	Tearing or breaking.....	225
or apparatus.....	254 199	Electric pickup.....	84 723+	Telegraph tape.....	178 111+
Resilient article assembling.....	29 235	Stringer (See Girder)		Tensioning.....	242 410+
Saw making.....	76 26+	Railway.....	238 24+	Towel supports.....	211 16
Screws for ropes and cables.....	28 240+	Tie ends.....	238 42	Locked.....	211 6
Twisting combined.....	57 310	Seed corn.....	139 19	Unwinding.....	242 550+
Ships sail.....	114 109+	Stringing		Vehicle body wear.....	296 41
Shoe former.....	12 128 V+	Assembling by (see notes to).....	29 241	Weather.....	49 475.1+
Skein washing combined.....	68 159	Beads.....	29 700+	Windshield.....	296 93
Spinning and twisting combined.....	57 310	Apparel trimming.....	223 48	Winding tensioning or guiding.....	242 520+
Strap.....	68 D	Sewing machine for.....	112 470.21+	Woodcutters for strips	
Stretch forming.....	72 295+	With knotter.....	112 470.22	Bench planes.....	30 478+
Textile web running lengths.....	26 71+	Tennis racquet.....	473 553+	Slicers.....	144 164+
Biaxial.....	26 72+	Tobacco.....	414 26	Veneer lathe.....	144 215
Heater-dryer and spreader.....	26 92	Stripping		Stroboscopes	
Heater-dryer combined.....	26 106	Brush.....	15 166	Electric.....	
Roller spreader.....	26 99+	With material supply.....	401 193	Frequency.....	324 76.39+
Spreader.....	26 87+	Coating.....		General.....	324
Tubular fabric spreader.....	26 80+	Implement.....	401 48	Phase.....	324 76.77+
Web condition responsive		Machine.....	118	Electric lamp systems.....	315
control.....	26 74+	Processes.....	427 286+	Condenser discharge.....	315 227 R+
Thread finishing.....	28 240+	Fabric weaving.....	139 417	Optical.....	356 23+
With liquid treating.....	28 246	Stripper and Stripping		Stroboscopic Light Synchronizer	356 23+
With stopping.....	28 242	Berry.....	56 330	Condenser supplied lamp.....	315 227 R+
Umbrella tent.....	135 907*	Bobbin.....	28 292+	Using electronic tube for	
Wire (see notes to).....	140 123.5	Coating.....	118 100+	trigger.....	315 208
Striated Effects Surface Type	428 30	Coil.....	242 360+	Using photocell.....	315 149+
Striker and Striking		Color stripping.....	8 102	Stroke Regulation	
Ammunition fuse etc.....	102 272+	Cotton.....	56 33+	Dispenser volume varying	
Animal trap.....	43 77+	Cutlery combined.....	30 128+	Piston or follower.....	222 309
Clocks.....	368 243+	Electrolytic apparatus combined.....	204 194+	Relatively movable actuator.....	222 287
Electric.....	368 250+	Electrolytic removal of elemental		Expansible chamber device.....	92 13
Electric.....	968 583+	layer from metal or metal alloy.....	205 717+	Expansible chamber motors.....	91 277+
Mechanical striking.....	968 219+	Expressing press cake.....	100 218	Pump type dispensers.....	222 375
Comminuting.....		Cloth removing.....	100 298	Mechanical movement.....	74 20+
Hammer mills.....	241 86+	Fiber and thread		Piano actions.....	84 221+
Hammer mills.....	241 185.5+	Carding.....	19 108+	Pumps.....	417 212+
Hammer mills plural parallel		Guides.....	28 222+	Lubricating.....	184 26+
zones.....	241 138	File blank.....	29 77	Punches.....	83 248
Hammer mills plural series		Filling tube.....	141 265	Punches.....	83 527+
zones.....	241 154	Harvesting.....	56 126+	Rotary.....	91 472+
Impact processes.....	241 27	Insulation from wire.....	81 9.4+	Stroller (See Baby, Carriage)	280 47.38+
Diaphragm horn with rotary.....	116 143+	Molds and castings.....	164	Collapsible.....	280 639+
Fixed bell with pivoted.....	116 167	Ingot strippers.....	164 405+	Seated occupant.....	280 650
Gong with pivoted.....	116 155+	Nail strippers.....	193 38	Design.....	D12 129
Lock.....	292 340+	Of electrophotographic copy sheets		Strontium (See Alkali Earth Metal)	75
Mechanism for music players.....	84 323+	Of electrophotographic copy sheets	430 256+	Strophanthin	536 6.1
Piano.....	84 236+	Photographic paper and films.....	430 256+	Stropping Devices	
Movable figure toys.....	446 336	Prick punch.....	30 368	Cutlery.....	30 138+
Music instruments		Punch press.....	83 111	Razor.....	30 35+
Automatic outside players.....	84 111	Tube or sheath splitter.....	30 90.1+	Reciprocating tool.....	451 169
Piano auxiliary.....	84 224	Vine and seed.....	460 123	Reciprocating work holder.....	451 316
Piano hammer actions.....	84 236+	Strips (See Tape)		Structure.....	76 81+

Class Subclass		Class Subclass		Class Subclass	
Surface renewing	451 459	Stunning	452 57+	Abradant remover	451 456
Work rotating	451 318	Stunting Agents	504 174+	Anchors	114 296
Structural Elements (See Reinforcement)		Stylographic Pens	401 258+	Boxes paper making	162 363+
Brake beams	188 219.1+	Stylus		Cup	
Bridge details	14 14+	Code transmitter	178 19.01	Bracket	248 205.5+
Fence rail	256 60+	Facsimile	358 478	Light support	362 397
Laminated and analogous structure		Synchronization	358 424	Support	248 363
Flexible fabrics	442	Indenting	81 9.2	Surgical	604 314+
Glass	156 99+	Manifolding	81 9.2	Dental apparatus	433 91+
Making		Pen material retaining	401 292	Denture	433 184+
Beam or girder	29 897.2	Phonograph or sound recorder and reproducing		Draft appliances for furnaces	110 162
Columnar member	29 897.3	Changers	369 171+	Feeder conveyer holding item by	209 905*
Openwork	29 897.31	For sound box	369 161	Machines	
Panel	29 897.32	Holders	369 170	Cleaning	15 300.1+
Rails	238 122+	Stylus feed	369 172	Dredgers	37 317+
Rolled flanged bars	72 221+	Styptic Pencil	604 309	Insect catchers	43 139+
Sheet piling	405 276+	Composition	424	Label picker	156 569+
Static structural component	29 897.33	Styrene	585	Lubricator	184 58+
Stock shapes	428 544+	Copolymers (see also synthetic)		Milker pulsators	137 103+
Vehicular	29 897.35	resin or natural rubber	526 347	Milkers	119 14.27+
Molded in situ	264 31+	With diolefines	526 340	Shears combined	30 133
Pipe	138 177	With cyclodiolefines	526 280	Tobacco feeding	131 110
Railway ties	238 54+	Polymerized liquid	585 428	Operated motor horn	116 138
Strands	57 902*	Polymerized solid (see also synthetic resin or natural rubber)		Pneumatic conveyer	406 151+
Structured Biocides	424 405+	Synthesis	585 435+	Nozzle	406 152
Structured Insecticides	424 405+	Styrofoam T M	521 79	Pump	415
Structured Repellants	424 405+	Mold filling	264 DIG. 10	Pump	417
Strut		Pre-expansion	264 DIG. 9	Tool holder-flexible abrasive	451 494
Aircraft landing	244 100 R+	Styrols (See Styrenes)		Sugar	127
Spring	267 2+	Sub-Critical Reactor Nuclear	376 158	Cane plant	PLT 385
Aircraft lifting	244 37	Subduing Color	8 102	Planting	111 907*
Folding bed	5 139+	Subirrigation	405 36	Crystals washing out	127 63+
Railway dumping car door actuator	105 304	Sublimation		Cutting and shaping	425 289+
Scaffold	248 351+	Apparatus combined	422 189+	Electrolytic treatment	205 697
Building propped	182 87	Furnaces metallurgical	266 144+	Fermentative liberation	435 94+
Window type	182 62	Hydrocarbon purification by	585 801	Foods containing	99
Sprinkler head collapsing	169 38+	Processes		Design of foodstuffs	D01
Strychnine	546 35	Inorganic materials	23 294 R+	Grape	127 36+
Stub		Refrigeration by	62 384+	Invert	127 41
Attached tab	402 500*	Automatic	62 165+	Purification	435 276
Axle		Sulfur	423 578.1	Syrups	426 658+
Control dirigible light supports	362 55+	Submarine		Suint	554 1+
Motor vehicle, driven & steerable wheel	180 253+	Amusement railway	104 71	Removal from wool	8 139.1
Occupant propelled vehicle	280 771+	Cable	174	Suit	D02 779+
Occupant steered vehicle	280124.125+	Loaded	178 45	Space suit	607 96+
Railway truck	105 180	Telegraph system	178 63 R	Wet suit	2 2.14+
Railway truck radial	105 169	Dredger chamber	37 313	Suitcase	
Short turn vehicle	280 103	Earth boring	175 5+	Locks	70 69+
Suspension arrangements	280124.125+	Hooks and grapples	294 66.1+	Traveling bag	206 278+
Trailer steering devices	280 443+	Ordance	89 5	Sulfadiazine	544 297
Switch railway	246 445+	Pipe and cable laying	405 158+	Sulfamic Acids, Organic	562 37+
Stud		Rescue bell	405 189	Sulfamides	564 79
Balance	368 178	Signal and light		Sulfanilamide	564 86
Fixture wiring with box	174 62+	Electric signaling	340 850+	Sulfanilic Acid	562 58
Hame bolt	54 26+	Indicator or signal	116 27	Sulfapyridine	546 312
Lacing	24 713.9+	Lanterns	362 257+	Sulfate	
Making metal studs	29 12	Toy boat	446 161+	Electrolytic synthesis	205 496+
Making		Tunnelling	405 136+	Esters	558 20+
Spiral	140 92	Vessels	114 312+	Fertilizers containing	71
Removers	81 53.2	Subscript Character	400 904*	Inorganic	423 544+
Studding	52 831+	Subsoil		Thio	423 514
Composite, stone like component	52 367+	Drainage	405 36+	Sulfation	
Facer attached	52 474+	Irrigation channels	405 36	Carbocyclic or acyclic cpds	558 20+
Longitudinally related	52 836+	Irrigators	405 35+	Fatty oils or acids	554 85+
Ribbed concrete	52 327+	Plant	47 48.5	Sulfenamides	564 102
Settable material backer attached	52 344+	Plow	172 699+	Sulfenate Esters	558 62
Studio Photographic	396 1+	Weeding	172 720	Sulfides	
Stuff Working	241	Substitutes (See Artificial)		Binary inorganic	423 511
Stuffed and Stuffing		Foods and beverages		Inorganic	423 511+
Container filling	493 967*	Butter and lard	426 601+	Containing	424 706+
Dynamic seal contained or compressed by a gland member	277 510+	Butter design	D01	Medicine or poison containing	424 706+
in a packing box	277 510+	Coffee	426 569+	Organic	568 38+
Horse collar	69 4	Egg	426 531+	Amine	564 100+
Mattresses	5 948+	Leather	428 904*	Containing	514 706
Stuffing devices	53 524	Tobacco	131 359	Sulfenamides	564 101
Multitwift fabric stuffer warp	139 415	Vehicle wheel	305	Sulfinate Esters	558 61
Pile fabric stuffer warp	139 406	Subterranean Heater	165 45	Sulfinic Acid	562 125
Sausage	452 35+	Tunnels	405 132	Sulfinylamines	560 317
With linker	452 46+	Ventilation	454 166+	Sulfite	
Truss pads	128 120.1	Succinic Acid	562 590	Inorganic	423 519
Stuffer Box	28 263	Esters	560 190+	Liquor	
Stump		Succinic Anhydride	549 233	Carboxylic acids from	562 513
Burner	110 239	Succinimides	548 545+	Coating or plastic compositions containing	106 123.11
Design	D23 334	Suckling Appliances	119 71	Compositions	162 83+
Remover	254	Sucrose	127	Fermentation by yeasts	435 251
Excavator	37 302	Inversion	127 41	Lignins from	530 500+
Hand and hoist line implements	294	Precipitation	127 47	Paper stock treatment	162 83+
Traversing hoist	212	Suction (See Pneumatic; Vacuum)		Synthetic resins containing	527 400+
Splitter in situ	144 193.1+			Tanning agents containing	8 94.31
				Organic	260
				Reducing composition	252 188.21

Sulfite Esters		INDEX TO CLASSIFICATION - S		Support	
Class	Subclass	Class	Subclass	Class	Subclass
Sulfite Esters	558 59	Internal combustion engine	123 434+	Superplastic	420 902*
Sulfo Acids	562 30+	Combined	123 559.1+	Superregenerative Radio	455 336+
Sulfoacetic Acid	562 109	Fluid pressure motor combined	60 598+	Superscript Character	400 904*
Sulfohydroxamate Esters	560 303	Turbine combined	60 598+	Supersonic Wave	367
Sulfonamides	564 80+	Turbine combined	60 597+	Agitation	366
Acyclic	564 95+	Superconductive		Bonding non-metallic	
Aromatic	564 84+	Alloys	420 901*	Apparatus	156 580.1+
Hydrazine containing	564 81	Cable	174 125.1	Process	156 73.1+
Plural	564 82+	With cooling	174 15.5	Chemical apparatus	204 193
Sulfa type	564 86	Electromagnet	335 216	Chemical change causing	
Sulfonate Esters	558 44+	Inductor	336 DIG. 1	Apparatus	204 193
Sulfonation of Fatty Oils	544 88+	In power system	323 360	Code signaling	116 18+
Fatty oils	554 85+	Magnetometer	324 248	Controls direction of travel	318 460
Sulfones	568 28	Oscillator	331 107 S	Airplane	244 76 R+
Sulfonic Acids	562 30+	Process of making conductor	29 599	Electric motor actuated	318 460
Aromatic preservation	562 41	By coating	427 62+	Torpedo	114 23
Fat cleavage with	554 154	Resistor	338 32 S	Gas separation apparatus	96 389
Hydrophenanthrene		Solid state system	327	Gas separation process	95 29+
nucleus containing	562 31	Wave transmission	333 99 S	Generator	116 137 A
Mineral oil sludge source	208 13	Superconductor		Piezoelectric resonator	
Triphenylmethane	552 112+	High temperature (above 30 degrees k)		combined	310 322
Wetting agent containing	516 198+	Devices	505 150+	Piezoelectric with mechanical energy coupling means	310 334
Sulfonium	568 18	Material	505 100+	Laminating processes	156 73.1+
Sulfophthalic Acid	562 54	Process	505 300+	Measuring using	73 570+
Sulfoxides	568 27	Systems including	505 150+	Metal casting using	164 501
Sulfur		Low temperature (at or below 30 degrees k)		Nautical signaling	116 26+
Acids and acid anhydrides	423 512.1+	Alloy or metallic composition	420 901*	Seismic surveying	181
Electrolytic synthesis	205 554	Coating	427 62	Submarine signalling	367 131+
Binding agents	44 589+	Control circuit for electro-magnetic device	361 141	Testing miscellaneous	73 570+
Combined with fuel	44 604	Electric conductor structure	174 125.1	Welding apparatus using	228 1.1
Burner	422 160+	Cooling of	174 125.1+	Supervisory Control	340 3.1+
Compounds organic		Electric pulse counter, pulse divider, or shift register	377 93	Support (See Article or Device Supported)	
Carboxylic acids		Electrical computer or data processing system	708 677	Airplane motor	248 554+
Acyclic	562 512+	Housing or mounting assembly		Antenna combined	343 878+
Acyclic acid moiety	560 147+	Housing or mounting assembly... with plural diverse electrical	361 837	Apparel	2 300+
Alicyclic esters	560 125	with plural diverse electrical components	361 837	Apparatus	223 120
Aromatic	560 9+	components	361 600	Design	D02 624+
Fats fatty oils ester type		Impact ionization stable state device	327 186	Arch	602 66
waxes higher fatty acids	554 85+	Inductor	336 DIG. 1	Armrest	248 118
Heterocyclic	549 1+	Josephson junction device	257 31+	Article by building	52 27+
Dye compositions	8	Magnet or electromagnet	335 216	Articles	
Food fumigation with	426 319	Magnetic field shield	307 91	Or object being x rayed	378 38
Medicine or poison containing	424	Magnetic lens	250 396 ML	Plural	211
Mining	299 3+	Magnetic measuring device	324 248	Plural locked	70 62
Preparation inorganic	423	Making by coating, forming, etching, or sputtering	204 192.24	Single	248
Electrolytic	205 617	Mechanical manufacture	29 599	Ash tray smokers	131 240.1+
Removed from coal	44 622+	Metal heat treatment combined	148 96+	Athletic	602 60+
Removed from gaseous mixture	423 242.1+	Nonlinear solid state device and circuit	327 1+	Bag	248 95+
Rendering harmless in fuel	208 177+	Digital logic function (and, or, nand, or not)	326 326	Baggage	190 18 R
Salts inorganic	423	For attenuation	327 309+	Ball rack	211 14+
Electrolytic synthesis	205 494+	For gating	327 366+	Basin	4 643+
Sulfureted hydrogen	423 563	With Josephson junction	327 527+	Bath	4 592+
Sulfuric acid	423 522+	Power supply or regulation system including transformer or inductor	323 360	Bather	4 571.1+
Apparatus		Protective circuit	361 19	Bearing	384 428+
Chambers	422	Resistor responsive to magnetic field	338 32 S	Bed linens	24 72.5
Concentrating	422 160+	Rotary dynamoelectric motor	310 40 R+	Bed attached	5 504.1+
Trains	422 160	With cooling or fluid feeding	310 52+	Beds	5
Electrolytic synthesis	205 554	Solid state active element oscillator	331 107 S	Blotter, ie desk pad	248 346.01+
Esters	558 20+	Static information storage device	365 160	Boat	
Mineral oil sludge source	208 13	Josephson junction type	365 162	Foot supports	114 363
Sulfurization		Thin film type	365 161	Seat	114 363
Fatty oils	554 85+	Stock material	428 930*	Bobbin	242 130+
Rubber molding combined	264	Temperature measurement	374 176	Body catchers	182 137+
Synthetic resin or natural rubber	525 343+	Wave transmission line or network	333 99 S	Body harness	182 3+
rubber	528 389	Superfinish Grinder	451 162+	Baby jumper	297 275
Synthetic resin from		Superheater		Body in bed	5 600+
Synthetic resin or natural rubber compositions containing	524 1+	Concentrating evaporator	366 127	Boiler	122 510
Treating agent containing	526 917*	Cupola combined	48 64	Bookshelf combined	108 59+
Sulfurous Acid	423 521	Steam	122 459+	Boot rack	211 34+
Apparatus trains	422 160	Locomotive combined	105 45	Brackets (see bracket)	248 200+
Paper stock treatment	162 83+	Power plant combined	60 643+	Design	D08 354+
Sulfuryl Chlorid	423 462	Superheterodyne Receiver	455 130+	Brake	188 205 R+
Sulky Vehicle	280 63+	Superphosphates	423	Brush and broom	248 110+
Go cart	280 47.24	Fertilizers	71 33+	Plural	211 65+
Sultones	549 10+			Cabinet	312
Naphthosultone, seven membered hetero ring	549 10			Cabinet housing	312 351.1+
Five members	549 33			Selective diverse	312 243
Four members	549 89			Camera (see -, tripod)	396 419+
Six members	549 15			Cane rack	211 62+
Sun (See Solar)				Casket	27 26
Sun Baths	607 95			Covers	27 18
Sun Mask	D16 301			Catamenial	604 393+
Sun Roof, Automobile	296 210+			Ceramic still	432 258+
Sundial	33 270			Chairs & seats	297
Sundial	968 415+			Chin	602 902*
Design	D10 45			Corpse	27 25.1
Sunglasses				Christmas tree	248 511+
Clip on type	D16 900*			Cigar and cigarette	131 257+
Supercharger				Clock	248 114
Centrifugal pump	415			Case	368 316

Class Subclass		Class Subclass		Class Subclass	
Clothes spotting boards	68 240	Combined with other structure	108 50.11+	Pad and foot	36 71
Clothesline	211 119.01+	Hose conduit	248 75+	Shoelace rack	211 61
Clutch	192 115	Indicator mountings	248 904*	Sifting	209 409+
Coating implement fountain		Inkstand, dispenser type	222 577	Simulation	248 908*
combined	401 48	Inkstand, movable inkwell	248 128+	Skaters	482 51+
Non-use support	401 131	Inkstand, stationary inkwell	248 146+	Roundabout type	472 1+
Cue	211 68	Instrument in panel	248 27.1+	With seat	297 5+
Curtain	160	Jock strap	602 67+	And runners or wheels	280
Cutlery	30 296.1	Junction box	220 3.9+	Smoking appliance	131 257+
Base supported	30 273+	Kinesitherapy vibrator	601 46	Spectacle	351 155+
Forks	30 323	Light	362 382+	Spring reel	242 379+
Guarded	30 290+	Bowl	362 433+	Stands (see also stand)	248 127+
Shears	30 231+	Chimney	362 314	Static mold having	249 139
Spoons	30 327	Inverted bowl	362 453	Stove or furnace	
Device with	92 161	Lens	362 455	Base	126 305
Diaper	604 393+	Shade	362 433+	Boiler therefor	126 363.1
Disinfecting apparatus	422 297	Shade and bowl	362 351+	Cooking stove fluid fuel	126 50
Dispenser	222 173+	Light filter	359 892	Field stove	126 30
Movable supply container	222 160+	Machine	248 637+	Strainer	248 94
Distill and	202 266	Mattress rack	211 28	Stratifier	209 508
Drill rack	211 69	Mirror	248 466+	Stringed instruments	84 327
Drum musical	84 421	Frames or holders combined	52	Surgical needle	606 44
Drying apparatus	34 239+	Musical	984 257	Tank, water closet	4 419+
Earthworking tool	172	Nozzle	248 75+	Temperature compensating	248 901*
Bulldozer	172 811+	Sprinkler head	169 41	Thermometer, indicating tube	374 194+
Easels	248 441.1+	Nuclear reactor	376 461	Tire rack	211 23+
Eaves trough	248 48.1	Fuel core	376 362	Tissue dispenser holder	248 905*
Egg rack	211 14+	Nursing bottle	248 102+	Tobacco users appliance	131 257+
Electric devices (see x-ray)		Opera glasses	359 409+	Tool driving or impacting	
Battery cradles	429 96+	Optical instruments	248	device combined	173 31
Battery mounts automobile	180 68.5	Orthopedic	606 237+	Toy	446 227
Battery racks	429 96+	Outboard motor	248 640+	Figure rotary	446 236
Cable	248 49+	Outlet box	220 3.9+	Figure wheeled	446 269
Cell assembly support feature	429 186	Panel	52 474+	Trash can support	248 907*
Conductors in duct	174 99 R+	Face-to-face panels	52 479+	Tree	47 42+
Electrode	314 130+	Retaining means	52 764+	Tripod	248 163.1+
Electrode	429 208	Paste tube	248 108+	Truss	128 99.1+
Fixture rack	211 26	Pen or pencil rack	211 69.1+	Umbrella rack	211 62+
Holder per se	429 100	Phonograph record rack	211 40	Valve	251 143+
Insulator	174 158 R+	Picture	248 466+	Vehicle outrigger	280 763.1+
Lamp filament	313 271+	Frame combined	40 700+	Crane	212 301+
Outlet or junction box	220 3.9+	Pipe		Vehicle part	
Support	248 906*	Conduit	248 49+	Harvester tongue	56 218
Overhead conductors	174 40 R+	Coupling	285 61+	Motor	248 637+
Plating electrode	204 286.1	Dredger	37 334	Truck railway safety	105 217
Removable cell	429 96+	External structure combined	138 106+	Velocipede	211 17+
Secondary battery	429 208+	Joint	285 61+	Vessel bilge or keel	405 7
Telephone	379 454+	Smokers	131 257+	Violin	84 280
Third rail	191 32	Plant	47 44+	Walkers	482 51+
Trolley	191 40+	Plaster	52 443+	Roundabout type	472 1+
Wire supports	52 40	Furring joist or stud	52 344+	Walker aid	135 67
Eye glass	351 155+	Plumbs	33 370+	With seat	297 5+
Holder	248 902*	Pressure compensating	248 901*	And runners or wheels	280
Fan	416 146 R	Projection machine	248 637+	Washboard	248 27.5
Field glasses	359 409+	Punching bag	482 87+	Watch	248 114
Flashlight	362 157+	Racks (see rack)	211	Water closet bowl	4 252.1+
Flexible abrasive tool	451 490+	Radiator	165 67+	Weighing scales	177 244
Floral	248 27.8	Railway couplings		Weighted base	248 910*
Fluid handling apparatus	137 343+	Link supports	213 205+	Wheel rack	211 23+
Food	99 324+	Pin supports	213 192+	Whip	211 67
For receptacle	248 311.2	Railway mail delivery	258 23+	Design	D30 156+
Founding		Receptacle	248	Window pane	52 777+
Core	164 397+	Letter box	232 39+	Window pane	52 764+
Insert in mold	164 332+	Milk pail lap supported	220 17.1+	Work (see holders, work)	
Funnel	248 94	Racks	211 71.01+	Work supported machines	
Furnace (see --, stove)		Safe	109 50	Lathe	82 128
Furniture	211 27	Stands	248 128+	Riveting machine	29 243.53+
Gaff	114 99	Tray type	211 126.1+	Wringer	68 239
Gate front end	49 396	Stacked	211 126.2+	Wash bench combined	68 236
Glass mold	65 361	Terraced	211 128.1+	X ray film or screen	378 167
Golf bag	248 96	Tray type stand	248 127+	Dental cassettes	378 168
Gun rack	211 64	Wall	220 476	Table	378 209
Hair foundations	132 53+	Receptacle covers		X ray tube	378 193
Hammock	5 127+	Casket	27 18	Supporting	
Hand stamp rack	211 39	Removers	81 3.08+	Frame for skater	482 51+
Harness	54 84	Wooden	217 60 R+	Roundabout type	472 1+
Body	119 856+	Reeling device	242 398+	With seat	297 5+
Reins	280 181+	Refrigerating apparatus, resilient	62 295	And runners or wheels	280
Trace end	54 56	Refrigerator housing	62 297	Suppository	424 DIG. 15
Hatrack	211 30+	Refrigerator, internal	62 465+	Composition	514 966*
Head	297 391+	Door mounted	62 377	Soluble in body	604 288
Heat exchanger	165 67+	Ice	62 459+	Surgical	
Corpse	27 13	Rod	248 251+	Composition	424
Hinged leaf		Roller		Packages	206 529
Binder device releasably		End	160 323.1+	Suprarenal Extracts	
engaging aperture sheet	402	Running material guide	242 615.2	Medicine containing	424 563
Book or leaf	281 45	Score line	248 909*	Surface Active Agents (See Art Use	
Display items	40 530+	Screen	160	Classes)	516
Movable on horizontal axis	211 169.1	Shade	160	Surfaces	
Horizontally supported planar		Shipping	410 46	Active agent	516 198+
surfaces	108	Shoe	211 34	Aircraft sustentation	244 200
Combined with other structure	108 50.01+	Counter and heel	36 69	Bearing	

Class Subclass		Class Subclass		Class Subclass	
Inserts.....	384 276+	Radio telemetry.....	128 903*	Scraper flue cleaner.....	15 104.069
Treating.....	384 625	Servo-systems.....	128 DIG. 7	Sheet delivering conveyors.....	271 198+
Bed bottom.....	5 186.1+	Silicone.....	128 DIG. 21	Strop.....	76 81+
Carbonizing of iron.....	148 206+	Sphincters artificial.....	128 DIG. 25	Vehicle springs.....	267
Chair or seat.....		Splint, clavicle.....	128 DIG. 19	Stub axle mounts.....	280124.125+
Changeable supporting surface ..	297 283.1+	Splint, inflatable.....	128 DIG. 20	Vehicle structure combined.....	280 788
Headrest with changeable surface.....	297 220+	Spotlights.....	362 804*	Vehicle systems.....	280 124.1+
Spring supported upholstery.....	267 80+	Stapler.....	227 175.1	Active control.....	280 5.5+
Cooking mold.....	99 372+	Supplies packaged.....	206 438+	Computer controlled.....	701 37+
Sheet or griddle.....	99 422+	Suppression of noise in electric signal.....	128 901*	Suspensoids	
Demonstration.....	434 365+	Syringes (see syringe)		Colloid systems.....	516 9+
Electric insulator.....	174 212	Table.....	269	Comminuting or grinding.....	241
Electrically charged for safes.....	109 35	Teaching.....	434 262	Electrical purification.....	204 554+
Erasable, eg chalkboard.....	434 408+	Teflon t m.....	128 DIG. 14	Electrolytic	
Leaves.....	281 39	Tree.....	47 8	Forming processes.....	205 74
Evaporators sugar making.....	127 16	Surlyn D T M (Polyethylene Methacrylic Acid)	526 317.1	Treatment processes.....	205 687+
Fluid reaction ie impellers.....	416	Survey Meter Nuclear Energy	250 472.1+	Electrophoretic or electro osmotic treatment processes.....	204 450+
Friction gearing.....	476 72+	Scintillation type.....	250 361 R	Suspensories	602 67
Gauge plates.....	33 567	Surveying Instruments	33 290+	Sustained or Differential Release	
Heater.....	126 271.1+	Bent line of sight type.....	356 253+	Capsules.....	424 457+
Open top vessel wall structure.....	126 390.1+	Angle measuring.....	356 138+	Implants.....	424 422+
Hinged horizontal.....	108 166	Range or height finders.....	356 3+	Tablets.....	424 468+
Horizontally supported planar.....	108	Optical features.....	356 247+	Sustained Release Implants	424 422+
Combined with other structure.....	108 50.01+	Design.....	D10 61+	Sutureless Closures	606 213+
Vertically adjustable.....	108 144.11+	Survival in Hostile Environment		Sutures	
Laminated type photographic.....	101 178	Suspended		Appliers surgical.....	29 243.56
Stencil.....	101 128.21	Roof.....	52 83	Surgical.....	606 228+
Pavement.....	404 17+	Swings.....	472 118+	Textile knitting.....	66 43
Antislip.....	404 19+	Suspender		Hosiery seam.....	66 179
Sheet type.....	404 18	Artificial leg.....	623 32	Swab	15 208+
Surface treating.....	404 83+	Fasteners design.....	D02 640+	Container for.....	206 209
Planographic printing.....	101 453+	Garment		Culture medium combined.....	435 309.1+
Platen or pressure.....	100 295	Design.....	D02 626	Diagnostic.....	600 572
Printing member.....	101 401	End elements.....	2 340	Lubricator.....	184 102
Railway rail tread surface.....	238 148	Fasteners for.....	D11 200+	Making.....	19 145+
Tie plate top surface.....	238 304	Plural.....	2 304+	Medicated.....	604 1+
Receptacle stand for sloping surface.....	248 148	Saddle type cord retainers.....	2 341+	Sampling.....	73 854
Roll or rollers.....	492 28+	Strip connected spaced.....	2 323+	Valved pump piston.....	417 545+
Roughness testing.....	73 105	Trouser attached.....	2 230	Swaging	
Instrument proving or calibrating.....	73 1.89	Suspension Devices (See Hangers)		Bolt side.....	470 147
Street mirror or reflector t.....	404 14	Battery active material, faure electrodes.....	429 208	Chain making shaping and.....	59 30
Surgical electric applicator.....	607 115+	Clothesline single run.....	211 119.12	File cutting by.....	76 14
Textile drawing roll.....	19 65 R+	Drying		Horseshoe nail side.....	470 119
Washboard.....	68 226+	Hollow articles.....	34 106	Horseshoe shaping and.....	59 58
Wash tub with scrub surface.....	68 233	Sheets webs or strands.....	34 618+	Metal forging.....	72
Yielding surface printing member.....	101 379+	Filter household.....	210 105	Nut forging side.....	470 93
Rolling contact.....	101 376	Fluid (see suspensoids)		Pipe joint.....	285 382
Surfacing		Current drying method.....	34 359+	Pipe to plate joint.....	285 222
Button.....	79 7+	Separating solids.....	209 132+	Saw making.....	76 51+
Drilling combined.....	79 6	Folding bed fulcrum.....	5 141	Saw setting.....	76 72
Grinding.....	451	Insulator support.....	174 160	Screw threading by.....	470 84+
Roads.....	404 17+	Knob flexible.....	16 442	Tool sharpening by.....	76 89.2
Stone.....	125	Light bowl.....	362 453+	Swarm Appliances	449 27+
Surfboard	441 74+	Picture support.....	248 489+	Wash Plates	74 60
Design.....	D21 769+	Pipe or cable.....	248 58+	Expandable chamber device.....	92 71
Surgery and Surgical (See Classes 128 and 604)		Rack for broom and brush.....	211 66	Flow meter.....	73 244
Acupuncture.....	128 907*	Radiator bracket.....	248 233	Internal combustion engine	
Adhesive fastener for absorbent pad.....	604 389+	Roundabout amusement vehicle.....	472 32+	Multiple parallel cylinder.....	123 56.4+
Article package.....	206 438+	Special receptacles or packages.....	206 806*	Rotating cylinder.....	123 43 R
Basin.....	D24 123	Stage appliances.....	472 80	Motor.....	91 472+
Biological signal amplifier.....	128 902*	Structures & vehicles (see hanger)		Pump.....	417 269+
Feedback to patient.....	128 905*	Boiler regulation.....	122 450	Swathing Attachments	56 189
Blood coagulation.....	128 DIG. 22	Bridge cantilever truss.....	14 8	Swatters	43 137
Breathing apparatus without patient cross-contamination.....	128 909*	Bridges.....	14 18+	Sweater	
Cannula supporters.....	128 DIG. 26	Dumping railway car.....	105 242	Animal.....	D30 145
Catheters (see catheter)		Fences.....	256 23	Apparel.....	2 90
Cervical collars.....	128 DIG. 23	Railway car body.....	105 453	Design.....	D02 750+
Clip applicators.....	29 243.56	Railway car suspended.....	105 148+	Knit fabric.....	66 176
Collagen.....	128 DIG. 8	Railways.....	104 89+	Sweats or Sweat Band	2 181+
Computer controlled, monitored.....	128	Scaffolds.....	182 142+	Hat making.....	223 22
Cryogenic.....	128 DIG. 27	Track.....	104 123	Sweep	
Design.....	D24	Unloader for suspended vehicle.....	414 377+	Animal powered motor.....	185 19+
Electric shock, patient protection.....	128 908*	Vehicle body spring.....	280 788	Cable drum actuation.....	254 381+
Fluid amplifiers.....	128 DIG. 10	Suspended supports.....	248 317+	Circuit	
Heart-lung.....	128 DIG. 3	Swinging seat.....	472 118+	Cathode ray tube having.....	315 378
Heat shrinkable film.....	128 DIG. 18	Tea ball type beverage infuser.....	99 322	Electronic tube type oscillator.....	331
Hook-and-loop fastener.....	128 DIG. 15	Telephone supports.....	379 454+	Triggered.....	327 131+
Infusion monitoring.....	128 DIG. 13	Tool and machine		Cultivator shovels.....	172 681+
Intravenous injection support.....	128 DIG. 6	Brush or broom flue cleaner.....	15 104.067	Cutter.....	30 310+
Invalid beds.....	5 600+	Cable drum.....	254 380+	Can opener.....	30 435+
Mask.....	D24 110.1+	Car journal box lifting.....	254 34	Plural blade.....	30 310+
Medical-surgical bags.....	128 DIG. 24	Conveyor load suspending.....	198 678.1+	Foundry mold making device.....	164 161+
Medicament receptacle.....	604 403+	Conveyor loop.....	198 678.1+	Pivoted arm bending machine.....	72 217
Mixing receptacles.....	604 416	Cultivator wheeled.....	172	Plow trailing	
Multiphasic diagnostic clinic.....	128 906*	Grapple pivoted saw operator.....	294 112	Separately attached wings.....	172 722+
Pressure infusion.....	128 DIG. 12	Harvester knife grinding clamp.....	451 373	Winged.....	172 730
		Machinery support.....	248 637+	Sheet cutting machine.....	82
		Resilient.....	248 610	Wood auger.....	408 199+
		Plow wheeled.....	172	Wood disk cutting machine.....	408 72 R+
				Sweeper	
				Brush broom vacuum carpet street ...	15

Class Subclass		Class Subclass		Class Subclass	
Rake eg lawn broom.....	56 400.17+	Magnetically operated.....	335	Fish bait artificial.....	43 42+
Sweeping Compound	510 216	Making.....	29 622	Fishhooks.....	43 44.83+
Sweet Potato Musical Instrument	84 380 R	Mechanically actuated, general... 200		Panel hanger wheel mount.....	16 104
Sweetening		Multiple filament lamp having..... 315 64		Pipe joint.....	285 272+
Mineral oil.....	208 189+	Plate or socket lighting.....	362 95	Multiple.....	285 147.1+
Swelling		Position or condition		Punching bag.....	482 87+
Artificial fibers.....	8 130.1+	responsive.....	362 802*	Railway car suspending.....	105 156
Dyeing combined.....	8	Post supported electric light		Rod joint.....	403 164+
Fiber swelling & stretching.....	8 DIG. 3	combined with.....	362 431	Sleds multiple.....	280 17
Swells		Supported electric light		Socket combined.....	24 136 L+
Electric tone generation with		combined with.....	362 382+	Tool handle.....	403 52+
expression device.....	84 633	Telegraph circuit manipulator..... 178 75		Trolley head electric collector..... 191 60+	
Piano.....	84 182	Telephone.....	379 422+	Turnbuckle.....	403 60
Pipe organ.....	84 346+	Telephone check operated..... 379 146+		Valve disc.....	251 264+
Reed organ.....	84 372	Telephone switchboard.....	379 319+	Valve gate.....	251 193+
Swimming		Telephone system automatic		Watch chain snap hook.....	24 905*
Aids.....	441 55+	selective.....	335 108+	Wheeled vehicle running gear..... 280 86	
Buoyant.....	D21 803+	Testing of automatic telephone		Wood saw.....	83 747
Foot attached.....	441 61+	type.....	379 17	Swizzle Stick	D07 300.2
Foot attached (design).....	D21 806	Thermal control of alarm.....	340 593+	Swords	30 165+
Foot flipper.....	441 64	Thermally actuated.....	335	Cane.....	135 66
Hand attached (design).....	D21 807	Trolley conductor type.....	191 38	Carrier.....	224 232+
Exercising devices.....	482 55+	Tuner with.....	334 47+	Design.....	D22 118+
Mask.....	D24 110.2+	Electronic.....	327 365+	Handles.....	D08 DIG. 5
Pool		Heat controlled.....	337 298+	Pistol.....	42 53
Design.....	D25 2	Inductor combined with switch..... 336 105		Sylphon T M (See Bellows)	
Grab rail.....	D25 41	To neutralize capacitance.....	307 134	Flowmeter.....	73 262
Inground.....	52 169.7+	Interference from elimination..... 307 134+		Fluid pressure guage.....	73 729.1+
Nuclear reactor.....	376 174	Knife.....	200	Fluid pressure regulator.....	137 505.36
Nuclear reactor.....	376 361	Luminous		Making.....	29 454
Nuclear reactor.....	376 403	Faceplate.....	250 465.1	Corrugating.....	72 54+
Portable design.....	D21 815	Handle or key.....	250 465.1	Pump.....	417 472+
Sea baths.....	4 487+	Push button.....	250 465.1	Synchrizing	
Tank baths.....	4 488+	Movable carrier of textile braider		Camera and photoflash testing..... 356 72	
Water purification.....	210 167.1+	with pattern mechanism.....	87 16	Camera shutter release and light.... 396 180+	
Shoes.....	36 8.1	Movable for carrier of textile		Clock.....	368 52
With fins.....	441 76+	braiding apparatus.....	87 37+	Electromechanical.....	968 506+
Structure of pool.....	52 261	Photoelectrically controlled..... 361 173+		Electronic.....	968 920+
Concrete.....	52 250	Plates (see face, plates)		Clutches.....	192 52.1+
Curved.....	52 245	Pneumatic dispatch system.....	406 181+	Dynamoelectric machine	
Suit.....	D02 731+	Railway.....	246	Interconnection.....	307 43+
Teaching.....	434 254	Cable.....	104 184	Electric motor.....	318 41+
Swinging Door	49 381+	Cable slot type.....	104 195	Electric motor.....	318 85
Swings		Foot guard.....	238 380	Fluid pressure brake systems.....	303 35+
Amusement device.....	472 118+	Rail joint.....	238 165	Gearing.....	74 339+
Design.....	D21 823	Track.....	104 130.01+	Governor.....	73 507
Roundabout.....	472 33	Trolley conductor.....	191 38	Impeller combined.....	416 34
Chairs and seats.....	472 125	Stands.....	246 393+	Motion picture and sound.....	352 12+
Rocker-mounted.....	297 258.1+	Automatic face setting.....	246 278+	Multiple motor.....	60 700+
With fan.....	416 146 R	Manual operation with signal		Multiple motor.....	60 706+
Switch		actuation.....	246 144+	Musical instrument.....	84 119
Apparatus for elevators.....	187	Signal.....	246 476	Plural radio stations.....	455 502+
Automatic		Stoplight		Telecommunications, satellite..... 455 13.2	
Electromagnetic.....	335 6+	Auto.....	200 61.59	Telegraphy.....	375 354+
Thermal.....	337 298+	Hydraulic.....	200 81 R+	Telegraphy multiplex.....	370 304+
Automatic for acetylene generator.... 48 7		Store service system.....	186 19+	Television.....	348 500+
Battery.....	320	Thermal responsive.....	337 298+	Recording or reproducing color	
Box.....	220 3.2+	Heated by electric current.....	337 14+	signal.....	386 12
Burglar alarm.....	20061.58 R+	Tilting track section type.....	414 354+	Synchronous Motor	310 162+
System.....	340 541+	Vehicle unloading.....	414 357	Clock.....	968 553+
Charging for storage batteries.....	320	Travelling crane system.....	414 562	Systems.....	318 700+
Combination.....	200 1 R+	Vertical axis for cutting and		Synchroscope	324 91
Conveyer type		conveying harvester.....	56 170+	Synchrotron	315 503
Chute.....	193 31 R	Switchboard		Synthesis	
Rollerway.....	193 36	Electric.....	361 600+	Electro.....	205 334+
Skidway.....	193 39	Telephone.....	379 319+	Inorganic compounds.....	23
Spiral chute.....	193 13	Divided central.....	379 310+	Organic compounds.....	260
Zigzag tube.....	193 28	Through ringing.....	379 256	Polymers (see synthetic resin or	
Door actuated.....	200 61.62+	Switches		natural rubber)	
Electric (see controller).....	200	Membrane type.....	200 512	Synthetic	
Arc lamp system having.....	314 131	Rolamite.....	200 503	Alumina.....	423 625
Arc preventing or extinguishing.. 318 1+		Switching Systems	307	Diamond and making.....	423 446+
Automotive vehicle combined		Lamp systems.....	315 313+	Gem.....	501 86
with lock.....	70 237+	Relay systems.....	361 160+	Resin (see synthetic resin or	
Box or housing.....	174 53+	Signalling.....	340 286.01+	natural rubber)	
Check operated.....	194 211+	Selective.....	340 825+	Rubber (see rubber; synthetic resin	
Coin.....	194 239+	Transmitters.....	341	or natural rubber)	
Combined with distribution		Telegraph.....	178 19.01	Synthetic Resin or Natural Rubber	
circuit.....	307	Telephone.....	379 242	Abs (see also prepared from, below) 526 338	
Design.....	D13 158+	Automatic.....	379 258+	Addition polymerization.....	526 72+
Display system control.....	345 +	Calling.....	379 350+	Manipulative process features.... 526 59+	
Door or window.....	200 61.62+	Central.....	379 242+	Adhesive material.....	520 1+
Electric illuminating fixture.....	362 394	Intercommunicating.....	379 167.01+	Compositions (see class 523,524)	
Electric lamp having.....	315 32	Party line.....	379 177+	Admixtures of resins or rubbers..... 525 50+	
Electromagnetic switching		Plural exchanges.....	379 219+	Aftertreatments	
systems.....	361 139+	Switchboard.....	379 310+	Chemical reaction involved.....	525 50+
Electronic tube having.....	315 56	Swivels	403 164+	To produce ion exchange resin 521 25+	
Electrothermally actuated.....	337	Bracelets.....	63 10	Utilizing wave energy.....	522 1+
Fire actuated.....	337 298+	Chain.....	59 95	Vulcanization of rubber	
Lamp or electronic tube system		Making.....	59 9	(products).....	525 331.9+
having.....	315 362	Chute horizontal swinging.....	193 22	Vulcanization of rubber with	
Light projector combined with.... 362 253		Endless chain pumps.....	198 643	sulfur or sulfur compound.....	525 343+

Class Subclass		Class Subclass		Class Subclass	
With asphalt or bituminous material.....	525 54.5+	Separated reactive materials e.g "two package system"....	521 912*	With epoxy resin	523 402+
With carbohydrate.....	525 54.2+	Sintering process for formation of porous product ...	521 919*	With polyester-unsaturated monomer	523 501+
With fatty acid or fatty acid glycerol ester.....	525 50+	Styrene polymer	521 146+	Lacquer (see class 523, 524)	
With natural resin.....	525 54.4+	Foamed beads	521 56+	Latex (see class 523, 524)	
With protein or biologically active polypeptide	525 54.1+	Syntactic foam	521 53+	Coagulating.....	528 936*
Physical treatment.....	528 480+	Non resinous hollow particles.....	523 218+	Concentrating.....	528 937*
Compositions.....	523 300+	Urethane polymer.....	521 155+	Creaming, agglomerating or coalescing.....	523 335
Compositions: creaming, concentrating or agglomerating latex.....	523 335	Vinyl chloride polymer.....	521 145	Physical treatment of natural rubber latex.....	528 934*
Natural rubber e.g extraction of rubber from plant source.....	528 931*	Compositions (see class 523, 524)		Preserving or stabilizing	528 935*
Natural rubber latex	528 934*	Adhesive (see class 523, 524)		Resin produced in presence of water.....	524 800
Natural rubber latex coagulating.....	528 936*	Anerobic	523 176	Leather ctg (see cellular plant or animal material, above)	
Natural rubber latex concentrating.....	528 937*	Glass substrate	523 168	Lignin or tannin containing	524 76
Natural rubber latex preserving	528 935*	Antioxidant containing (see class 523, 524)		Resin produced in presence of	524 735
Alkyd resin (solid polymer)	528 272+	Antisatic	524 910*	With epoxy resin	523 400+
Compositions (see class 523,524)		Asphalt containing	524 59+	With polyester-unsaturated monomer.....	523 500+
Containing chemically combined fatty acid or fatty acid glyceride	528 295.5	Resin produced in presence of	524 705	Linseed oil ctg (see fatty acid triglyceride, above)	
Containing chemically combined natural resin	527 604	With epoxy resin	523 450	Molding (see class 523, 524)	
Aminoplast resin (see also prepared from aldehydes, below)	528 266	With polyester-unsaturated monomer.....	523 518	Natural resin ctg (see also rosin , below).....	524 77
Bakelite t m type resin	528 129+	Biocidally protected	523 122	Synthetic resin produced in the presence of	524 764
Balata (see natural rubber, below)		Bitumen ctg (see asphalt ctg, above)		With epoxy resin	523 400+
Blends of solid polymers	525 50+	Body contact or implantable (intended use)	523 105+	With polyester-unsaturated monomer	523 500+
Block and block type copolymers	524 88+	Brake shoe (intended use)	523 149+	Natural resin ctg (see class 523, 524 treated as polyisoprene)	
Buna t m type rubber	526 339	Carbohydrate containing	524 27+	Guayule.....	528 930*
Buna-n (butadiene nitrile rubber) ...	526 338	Resin produced in presence of	524 732+	Phonograph record (intended use)	523 174
Catalysts		With epoxy resin	523 447+	Pigment ctg (see class 523, 524)	
Aldehyde polymerization	528 232+	With polyester-unsaturated monomer.....	523 509	Plasticizer ctg (see class 523, 524)	
With phenol.....	528 137+	Carbon black containing (see class 523, 524)		Protein or biologically active polypeptide ctg	524 17+
Chalcogen ring opening	528 406+	Resin produced in presence of	524 847	Resin produced in presence of	524 704
Epoxy resin.....	528 88+	Specified dimension.....	524 495+	With epoxy resin	523 449
Ethylene polymerization	526 89+	With epoxy resin	523 440	With polyester-ethylenic monomer.....	523 500+
Graft polymerization	525 244+	With polyester-unsaturated monomer.....	523 512	Rosin containing	524 270+
Redox	526 915*	Castor oil containing	524 310	Synthetic resin produced in the presence of	524 764
Transition metal	526 90+	Resin produced in presence of	524 769	Tannin ctg (see lignin, above)	
Polyester	528 274+	Cellular plant or animal material containing.....	524 9+	Tar ctg (see asphalt, above)	
With ethylenic monomer	525 11+	Resin produced in presence of	524 702	Varnish (see class 523, 524)	
Silicone.....	528 12+	With epoxy resin	523 446	Wax containing.....	524 487+
Urethane.....	528 48+	With polyester-unsaturated monomer.....	523 500+	Oxygen containing wax.....	524 275+
Cellular or porous.....	521 50+	Cellulose ether or ester ctg (see carbohydrate ctg, above)		Oxygen ctg wax with epoxy resin.....	523 455+
Blends of synthetic resin or natural rubber.....	521 134+	With polyester-unsaturated monomer.....	523 509	Oxygen ctg wax with polyester unsaturated monomer	523 511
Blowing agent i.e foaming agent	521 82+	Chinawood oil containing (see fatty acid triglyceride,below)		Resin produced in presence of oxygen ctg wax	524 763+
Resin formation in the presence of	521 99+	Coating (see class 523, 524)		Condensation polymerization	528 528
Carbodilimide polymer.....	521 901*	Antifogging	523 169	Manipulative process features.....	526 59+
Degradability enhanced	521 916*	Glass enamel	523 170	Coumarone resin	526 266+
Dye or pigment containing	521 920*	Ink for glass substrate.....	523 160	Dacron t m type resin	528 308.1+
Electrical or wave energy used during cell forming	521 50.5	Concrete ctg (see inorganic water-settable, below)		Ebonite t m type resin	525 332.6+
Ethylene polymer	521 143+	Contact lens, used for (see also class 527-937)	523 106+	Elastomer (see rubber, below)	
Fireproofed	521 82+	Cork ctg (see cellular plant or animal material, above)		E p (ethylene-propylene)	526 348+
Non-urethane resin	521 907*	Degradability enhanced i.e pro-degradant containing.....	523 124+	E p d m (ethylene-propylene-diene monomer).....	526 331.7+
Resin formation in presence of fireproofing agent.....	521 99+	Dispersions (see emulsions, below)		Cured or vulcanized	525 331.7+
Urethane resin	521 906*	Drying oil ctg (see fatty acid triglyceride, below)		Epoxide resin (see also classes 525, 528).....	528 87+
Hydraulic cement ctg (see water settable inorganic composition ctg, below)		Dye ctg (see class 523,524)		Foams.....	521 50+
Integral skin foam	521 51	Emulsions (see class 523, 524)		G r - n (acrylonitrile-butadiene rubber).....	526 338
Isocyanurate polymer	521 902*	Aqueous (see also 524-501) ...	524 800+	G r - s (styrene-butadiene rubber) ..	526 340
Kicker or blowing agent moderator	521 909*	Epoxide resin containing	523 400+	Graft or graft type	525 50+
Latex rubber	521 65+	Fatty acid triglyceride ctg	524 313	Guayule (see also natural rubber) ...	528 930*
Natural resin containing.....	521 84.1	Resin produced in presence of	524 773+	Hevea (see natural rubber)	
Synthetic resin formation in the presence of.....	521 109.1	With epoxy resin	523 455	Hypalon t m type resin	525 333.9
Natural rubber containing	521 150	With polyester-unsaturated monomer.....	523 511	Ion exchange resin	521 25+
Latex.....	521 65+	Feather ctg (see cellular plant or animal material, above)		Ionomer resin systems	525 919*
Nucleating agents for	521 908*	Fireproofed (see class 523,524)		Carboxyl bearing	526 317.1+
Phenolic resin	521 180+	Flux ctg (see class 523,524)		Kraton t m type resin (styrene-butadiene rubber)	526 340
Pigment containing.....	521 920*	Foundry mold or mold core binder	523 139+	Lexan t m type resin	528 196+
Polyester resin	521 182+	Hair ctg (see cellular plant or animal material, above)		Lucite t m type resin	526 329.7
With unsaturated monomer ...	521 128	Heat stabilized (see class 523, 524)		Melamine resin	528 254+
Protein containing	521 84.1	Inorganic water settable material ctg e.g hydraulic cement	524 2+	Natural rubber (note: for purposes of the class 520 series natural rubber is considered to be	
Resin formation in the presence of	521 109.1	Resin produced in presence of	524 650+		
Reduced smoke formation.....	521 903*				
Reticulated foam	521 52				

Class Subclass	Class Subclass	Class Subclass
polyisoprene)	With non-ethylenic monomer (see also class 527))	Diene rubber
Neoprene..... 526 295	Formaldehyde (see aldehyde, above)	Spandex t m type
Vulcanized 525 330.9+	Furfural (see also aldehyde, above)..... 526 270	Thiokol t m type
Nylon 528 310+	With non-ethylenic monomer . 528 230+	Vulcanized..... 525 332.5+
Perbunan t m type rubber (copolymer butadiene-acrylonitrile) 526 338	Hydrocarbons 528 396+	E p d m 525 331.8
Phenolic resin 528 129+	Ethylenically unsaturated (see also 526-335;526-346) . 526 348+	Rubber hydrochloride 525 332.3
Phenoplast 528 129	Indene..... 526 280+	Silastic (organosilicon polymer) 528 10+
Phenoxy resin 528 86+	With coumarone..... 526 266+	Silicone resin 528 10+
Plexiglas t m type resin (polymethyl methacrylate) 526 329.7	Isobutylene 526 348.7	Compositions..... 524 858+
Polyamide resin (see also 528-332+) 528 310+	With butydiene..... 526 339	Room temperature vulcanizing (rtv rubber) 528 901*
Polycarbodiimide 528 44+	Isocyanate compound..... 528 44+	Synthetic rubber (for purposes of class 520, is considered to be a synthetic resin)
Polyesters 528 272+	Isoprene (note: for purposes of the class 520 series natural rubber is considered to be polyisoprene) 526 340.2	Teflon t m (polytetrafluoro- ethylene) 526 255
Polyimide 528 310+	Lignin 527 400+	Wave energy utilized 522 1+
Polyphenylene oxide 525 905*	Melamine (see aldehyde, above)	Synthol 518 700+
Polysulfide 528 373+	Metal compounds 528 395	Syringe
Prepared from	Ethylenically unsaturated monomer 526 240	Dental..... D24 113+
Acetylene..... 526 285	Organometallic..... 528 9	Dispenser 222 206+
Acrolein 526 315	Methacrylate 526 319+	With follower 222 386+
Acrylates 526 328+	Methacrylic acid 526 317.1+	Hand held 604 187+
Acrylic acid 526 317.1+	Methylmethacrylate 526 319+	Pump 417 437+
Acrylonitrile..... 526 341+	Monoepoxides (see epoxide,above)	Specific gravity tester..... 73 441+
Aldehyde e.g homopolymer of	Olefin 526 72+	Sprayer
saturated etc 528 230	Oxirane compounds (see epoxide, above)	Liquid pump feed..... 239 329+
Ethylenically unsaturated 526 315	Phosphorous compounds 528 398+	Piston feed..... 239 320+
Hydrocarbon 528 247	Ethylenically unsaturated 526 274+	Surgical..... 604 187+
Melamine..... 528 254+	Plant extract of undetermined constitution 528 1+	Air 604 26
Urea 528 259+	Polyepoxide compound (see epoxide,above)	Design D24 113+
With amine e.g aniline etc 528 266+	Propylene (homopolymer) 526 351	Ear 604 187+
With ketone 528 227	Copolymer 526 72+	Eye 604 295+
With phenol 528 129+	Protein or biologically active polypeptide..... 527 200+	Fluid operated 604 131+
Asphalt or bituminous material... 527 500	Ethylenically unsaturated derivative..... 526 238.1	Fountain 604 131+
Unsaturated..... 526 290	Silicon compound 528	Hand held 604 187+
Butadiene 526 335+	Ethylenically unsaturated 526 279	Hydrant 604 150
Carbohydrates e.g sugar,	Si- h or si- c 528 10+	Indication of defect or use..... 604 111
starch etc 527 300+	Tannin 527 400+	Irrigation 604 187+
Unsaturated carbohydrate derivative 526 238.2+	Ethylenically unsaturated monomer 526 238.2+	Motorized..... 128 DIG. 1
Carboxylic acid or derivative..... 528 271+	Tar or pitch 527 500+	Nozzle 604 275
Ethylenically unsaturated 526 317.1+	Ethylenically unsaturated derivative..... 526 290	Piston 604 218+
Cashew nut liquor 528 2+	Tetra fluoroethylene..... 526 242+	Pocket container for 206 364+
Cellular plant or animal material..... 527 100+	Urea (see aldehyde, above)	Preventing reuse 604 110
Chloroprene..... 526 295	Vinyl chloride 526 344+	Projectile..... 604 130
Coal derived material (see asphalt or bituminous material, above)	Vinyl compounds 526 72+	Receptacle for 206 364+
Cork 527 100+	Vinylidene compounds 526 72+	Siphon 604 131+
Coumarone 526 266+	Purification of 528 480+	Thermal medicator 604 113+
Diolenfin hydrocarbon 526 335+	Composition 524 310	With light and electrical application 604 20+
Cycloaliphatic..... 526 308	Reclaiming 521 40+	Syrups
Fused or bridged ring 526 280+	Rubber 520 1+	Condiments and flavors 426 658+
Epoxide compound 528 403+		Electrolytic treatment 205 697
Diglycidyl ether of bisphenol compound (see also 525-523+; 525-107+;525-403+) 528 87+		Malt 426 44
Ethylenically unsaturated 526 273+		Sugars only 127 30+
Ethylene (homopolymer)..... 526 352+		Aircraft control 244 175+
Copolymer 526 72+		Stoves and furnaces..... 126
Ethylenic monomer (solely therefrom) 526 72+		Systolic Processor
		Array processor 712 19
		Neural network 706 15