

Fabric		INDEX TO CLASSIFICATION - F		Fastener	
Class	Subclass	Class	Subclass	Class	Subclass
<b>Fabric (See Cloth; Metal; Paper; Textile; Web)</b>		Wire	245 2+	<b>Fans</b>	417
Apparel per se	2	Design	D05 47+	Design, hand fan	D03 1+
Bed bottoms	5 186.1+	Design for floor or wall	D05 47+	Design, ventilation	D23 370+
Bolts or rolls for	206 389+	Making	140 3 R+	Fumigating evaporator	422 124
Boots and shoes	36 9 R	Working	140 107+	Furnace exhaust	110 162
Braided netted or lace	87	Woven	139 383 R+	Heat exchanger	165 87
Burnishing or lustering	26 27+	<b>Fabric Softeners Compositions</b>		Heater	392 360+
Cashmeres	D06 603+	For durable finishes	252 8.63	Hot air furnace with	126 110 R
Central or s american patterns	D05 20+	For laundry use	510 515+	Temperature regulating	236 10
Chemically modified of	8 115.51+	<b>Face</b>		Impeller making	
Coated	442 59+	Bandage	602 74+	Axial	29 889.3
Coating and printing	427	Bows dental	433 73	Centrifugal	29 889.4
Electrolytic	205 160	Orthodontic	433 5	Refrigeration combined	62 404+
Coating and uniting	156	Coverings	2 206	Automatic	62 186+
Coating and waterproofing compositions	106	With therapeutic means	607 139+	Process	62 89+
Coating with plasma (cold)	427 569+	False	2 206	Ventilation	454
Flame spray or plasma heat	427 446+	Hat combined	2 173	<b>Faraday Shield</b>	174 350
Pretreatment of substrate or post-treatment of coated substrate utilizing	427 538	Guards (see masks)	2 9	For conductor	174 32+
Cribs	5 98.1	Animal restraining type	119 821+	For radio apparatus	455 300+
Crocheted	66 193	Lifter orthopedic	602 17	Transformer with	336 69+
Damask	139 416+	Mill cutter		<b>Fare</b>	
Design	D05 109	Gear generating	409 10+	Box	232 7+
Distance measuring	33 732+	Rotary	409 64+	Recorder	346 33 R
Fastener made of	269 906*	Plates		Register combined	346 15+
Feeding	226	Electrical box	174 55+	Register	235 33+
Felt	442 320+	Electrical box	174 66+	Recorder combined	346 15+
Fence	256 45	Locks	70 450	<b>Farinaceous Cereal Dough</b>	426 496
Barbed	256 5	Luminous	250 466.1	Deep frying doughnuts	426 439
Fire retardant composition for	252 608	Receptacle closure	220 241	Fermentation	426 18
Chemically modified fiber	8 115.51+	Train vestibule	105 21+	<b>Farm Buildings</b>	52 198+
Folding	493 405+	Train vestibule expanders for	105 10+	<b>Farm Machinery Equipment Tools (See Type)</b>	
By reciprocating piler	270 30.01+	Protector	D29 108+	Cabs for self-propelling machinery	180 89.12
Hammocks	5 122+	Seal for a joint or juncture	277 358	<b>Farriery (See Horseshoes)</b>	168
Insect traps	43 118	<b>Facer Construction (See Wall)</b>	52	Calks	168 29+
Insulated electrical conductors	174 124 R	Concrete layer	52 378	Nonmetallic digest	168 DIG. 1
Plural layers	174 122 R	Disparate layers	52 506.01+	Overshoes	168 1+
Plural layers impregnated	174 121 R	Facer to shaft	52 474+	Shoeing stands	168 44
Knitted	66 169 R+	Plaster type	52 344+	Sole pads	168 26+
Design	D05 47+	Holding panel	52 443+	Tools	168 45
Laminated	442 248	Shingle type	52 518+	Traction shape digest	168 DIG. 2
Making	28 100+	<b>Facings</b>		<b>Fastener (See Connection; Joint; Key; Lock; Securing Means; Spine; Tie)</b>	292
Braiding, netting, lace making	87	Corrugated board	156 199+	Aircraft skin	244 132
Electrolytic	205	Frictional gear	476 72	Apparel	24
Felting	28 116+	Shirt	2 122	Attached to hat	132 57.1+
Felting methods	28 116+	<b>Facsimile (See Copying; Pattern Control)</b>	358 400+	Button and eyelet attaching	227
Finishing operations	26	Attribute control	358 2.99+	Coat collar	2 100
Knitting	66	Design	D14 462+	Design	D11 200+
Needling methods	28 107+	Electric engraving	358 3.29+	Fastener attaching methods	2 265+
Fluid needling	28 104+	Electric lights form mosaic		Metal stiffener with garment	
Sewing	112	Matrix	345 73	fastener	2 263
Weaving	139	Monogram	345 44+	Necktie	24 49.1+
Wireworking	140	Switching of lights by tape	200 46	Pocket	2 251
Medicated	424 443+	Photographs sent by electricity	358 400+	Shoe antislipping device	
Needled	442 270	Warp shedding	139 55.1+	combined	36 62
Nonwoven	442 327+	<b>Factice</b>	554 85+	Shoe sole	36 23+
Ornamenting mechanically	26 69 R	<b>Fad (Flavin Adenine Dinucleotide)</b>	536 26.25	Stiffener with attaching means	2 257
Parchmentizing and uniting	156 76	<b>Fade Resistance Testing</b>		<b>Beds</b>	
Preserving, disinfecting, and sterilizing		By exposure to light	378 38	Bedclothes to mattress	5 498
Biocidal compositions	424	<b>Fading</b>		Bedstead corner	5 288+
Fireproofing compositions	252 608	Bleaching processes for		Sheet having	5 496
Pressing	38	photographic purposes	430 461+	Mattress to bed bottom	5 411
Apparel	223 52+	<b>Fagots Metal</b>	428 588+	Bolts	411 378+
Hats	223 21	<b>Fail-Safe</b>		Book binding	281 27.3
Ratine like ornamenting by rubbing	26 27	Digital data processing systems	714 1+	Bottle or jar guard	215 29
Ravelers	28 171+	Digital logic	326 14	Brake shoe	188 234+
Reinforced (see reinforcement belts and fabric)		Electrical communications condition responsive indicating system	340 507	Brush and broom tuft	15 190
Sewing methods	112 475.01+	Engine fuel injection systems	123 479	Buckles buttons clasps etc.	24
Sifting elements	209 401+	Engine fuel pump cut off	123 359	<b>Building</b>	
Softeners compositions		In general purpose digital data processing control system applications	700 79+	Sash burglar alarm	116 16
For durable finishes	252 8.63	Positional servo systems with	318 563	Window bead	16 220
For laundry use	510 515+	<b>Fair</b>		Window pane wood	52 598+
Spotting eg by chenille	223 45	Leaders		Camera plate holder	396 647+
Stitched seams	112 475.01+	Cable guides	254 389+	Check label or tag	40 662+
Stretching frames	38 102.1+	Spar or ship timber attached	114 101	Clasp	24 455+
Tensioning, sewing machine	112 470.28+	Stitch machines leather sewing	112 31	Clip	24 455+
Testing	73 159	<b>Fall</b>		Closure	292
Tire	152 DIG. 14	Boards for piano cases	84 179	Adjustable backset	292 1.5+
Carcass material	152 563+	With desk	84 178	Bank protection	109 59 R+
Inner tube reinforcing	152 512	Tube fluid or vacuum pumps	417 150	Bank protection plural closure	109 7
Interliners	152 204	<b>False</b>		Bottle	215 273+
Off-drum manufacture	156 906+	Face	2 206	Bottle pivoted	215 237+
Toys covered with	446 269+	Hemstitch forming	112 179	Car journal box latch	384 190.7
Web making	19 296+	Teeth	433 167+	Envelope	229 77+
Wetless	428 292.1+	Twisters	57 332+	Lantern projector	362 374
Laminating	156	With drawing means	57 328+	Letter sheet wrapper	229 92.5
Winding	242 520+	<b>Fancy Roll</b>		Lock type	70 77+
		Fiber preparation	19 98+	Paper box	229 125.19+
		<b>Fancy Yarn Making</b>	57 317	Receptacle	220 315
				Ship	114 203
				Wood barrel	217 89

Class Subclass		Class Subclass		Class Subclass			
Composition		Wound web	242	579+	Design	D30	121+
Elastometric	269 907*	Zipper	24	381+	Livestock carrying vehicle type	119	408+
Fabric	269 906*	Slide	24	415+	Pen or rack	119	515
Leather	269 906*	<b>Fatigue Testing of Materials</b>	73	808+	Stall	119	521
Non-metallic	269 904*	By vibration	73	577+	Timer controlled	119	51.11
Paper	269 905*	Of structure	73	787	Bar or tube	226	
Several materials	269 900*	<b>Fatigue Treatment</b>			Button fastening magazine	227	31+
Thermo-responsive memory	269 909*	Electrophotographic photoreceptor	399	128	Sewing machine mounted	112	113
Wood	269 905*	<b>Fats</b>			Capillary (see wick)		
Design	D08	Chemical modification	544	1+	Acetylene generator water	48	25+
Harness	D30	Electrical discharge treatment	204	167	Coating machine of immersion		
Driven headed and screw threaded	411	Electromagnetic wave treatment	204	157.6+	type	118	401
Expanding anchor	411	Fats & fatty oils with preservative	554	2+	Coating machine of solid		
Explosive driving	411	Fatty drying oil with preservative	106	263	applicator type	118	264+
Folding sectional receptacle	220	Fermentative treatment	435	271	Decanter and filter	210	294+
Gun stock and barrel	42	Foods containing	426	601+	Dispensing	222	187
Hair	132	Apparatus for	99	452+	Fluid distributor	239	145
Harness		Preservation	426	321+	Force feed lubricators	184	64
Collar	54	Liquoring	8	94.23	Gas and liquid contact	261	75+
Design	D30	Microbiological processes	544	1+	Water tube boiler	122	242+
Hame	54	for obtaining	544	1+	Car unloading tilting track with	414	362+
Pad	54	Ointments	424		Actuated by moving onto track	414	357
Hook-and-loop type	428	Removal from animal carcass	452	134	Rollable along underlying		
Trace and whiffletree	278	Solidifying	544	1+	support	414	358
Key in lock retaining	70	Splitting	554	160+	Rotates about fixed axis	414	359
Making		Synthetic	544	1+	Cartridge body or belt attached	224	239
Button fasteners	29	<b>Fatty Acids (See Soap, Making)</b>	562	606+	Check controlled delivery	194	
Lacing studs	29	Higher	554	1+	Check row planter	111	34+
Paper fasteners	29	Hydrogenating, isomerising or	562	606+	Coating implement combined	401	
Wire clips	140	otherwise modifying	562	606+	Fountain pen bifurcate nib type	401	222+
Musical instrument, stringed	84	Preparing from fats, oils or waxes	562	606+	Consumable electrode for lamps etc	314	
Nail, spike, tack	411	Refining	562	606+	Control means	226	10+
Nuts	411	<b>Faucets (See Valves)</b>			Conveyers and feeders		
Paper integral making	493	Aerators	261	DIG. 22	Accumulator receiving separated		
Plastic	411	Barrel tap	137	317+	item	209	933*
Railway car journal brass	384	Brackets	248	212+	Ambulant	209	935*
Railway tire	295	Drinking fountain combined	239	25+	Centrifugal feeder	209	915*
Railway track	238	Filter combined	210	418+	Diverse sequential feed steps	209	914*
Splice bar	238	Fixture	D23	238+	Driven or fluid conveyer moves		
Rake teeth	56	Foam			item from separating station	209	925*
Rivets	411	Carbonated fluids	137	896+	Endless belt pusher feed item	209	917*
Sail	114	Carbonated fluids by aspiration	137	888+	Endless conveyor & feed through	209	923*
Sash cord	16	Jet nozzle type	239	343	Endless feed conveyer, means		
Saw teeth	83	Handle design	D23	230+	for holding each item		
Scaffolding pole	403	Spigot joint means	285	8	individually	209	912*
Screws	411	Water aerator for	239	428.5	Fluid applied to items	209	932*
Separable-fastener, two part	24	<b>Fault Light Indicator</b>	361	58	Free fall item feeding	209	908*
With protruding filaments	24	<b>Feather</b>			Gravity conveyer moving item		
Sheet fabric or web	24	Apparel trimming making and			from separating station	209	924*
Abrading tool cylinder to	451	applying	223	47	Gravity influencing item moving	209	911*
Abrading tool disk to	451	Coating	427	4	Having opposed grippers	209	903*
Abrading tool handle to	451	Coating or plastic compositions	106	124.7	Holding item by magnetic		
Bandage	602	Dyeing	8	404+	attraction	209	904*
Bed bottom	5	Fertilizers from	71	18	Holding item by suction	209	905*
Billiard or pool table	473	Fiber preparation from	19	4	Hopper	209	910*
Carpet	16	Fowl plucking machine	452	87+	Inspection		
Conveyor gripper	198	Imitation	428	6	Illuminating means for visual	209	938*
Copy holders	248	Implements for general cleaning	15	234	Video scanning	209	939*
Ironing table cover	38	Mattress filling	53	524	Item carrying bridge raisable		
Printing sheet	101	Synthetic resin or natural rubber			to expose discharge opening	209	941*
Reeling & unreeling apparatus	242	containing	524	10+	Item holding feed magazine		
Shoe animal	168	Treating or drying	34	280+	insertable in sorting		
Shoe last instep block	12	Treatment chemical	8	94.1 R+	apparatus	209	909*
Sign letter fastener	40	Working	223	47	Magnetic feeder	209	907*
Skate	280	<b>Feathering</b>			Materials of construction	209	931*
Ski	280	Impeller	416	98+	Miscellaneous feed conveyers	209	922*
Slide	24	Paddle wheel sustaining aircraft	244	20	Moving items to sorting means		
Applying to material edge	29	Wind motor tail vane	416	9+	in spaced relation lengthwise		
Cutting of	83	<b>Feedback Amplifiers</b>	330	75+	of feed path	209	934*
Making metal	29	<b>Feeder (See Conveyor; Filler)</b>			Operator selects destination of		
Making molded plastic	264	Abradant supplying	451	446+	item	209	942*
Apparatus	425	Abrader coolant	451	449+	Oscillating or reciprocating	209	921*
Sorter	209	Abrading work	451	331+	Reciprocating pusher feeds item	209	916*
Staples	411	Abrasive supplying process	451	60	Rotary feed conveyer	209	919*
Support clamp	24	Agitating	366	150.1+	Screw feed conveyer	209	913*
Table leg	248	Interrelated discharging			Swinging or rotating pusher		
Tacks	411	combined	366	131+	feeds item	209	918*
Tent cover	135	Mortar mixers	366	30+	Testing plural items as group	209	936*
Tentor hooks or clamps	26	Mortar mixers discharging and	366	27+	Trough with at least one		
Web condition responsive		Air or steam			endless conveyer	209	923*
control	26	Boilers	122		Vibratory feed conveyer	209	920*
Tool handle	403	Fluid pressure brakes etc	303		Cutter or comminutor having		
Umbrella	135	Furnace	110		Sheets and bars	83	
Vehicle wheel		Metallurgical furnaces	266	186+	Solid material	241	
Detachable section	301	Stoves	126		Dispensing	222	
Nonresilient tire	301	Anesthetic	128	203.12	Automatic weighers	177	116+
Washers	411	Animal food	119	51.01+	Check controlled	194	
With tension indicator	411	Bee	449	9+	Coating implement combined	401	137+
With torque responsive driving		Building related	119	449	Corn popper with	99	323.9+
connection	411	Cage	119	475+	Inkwell combined	222	576+
Work holders	269	Battery	119	456+	Receptacle filling and closing	53	266.1+
Wound strand	242	Transporting	119	454	Distillation apparatus	202	262

Class Subclass		Class Subclass		Class Subclass	
Dough cutter.....	425 289+	Leather skiving and splitting fixed knife.....	69 11+	Dispenser with retarded.....	222 477
Drilling machine feed mechanisms..	408 129+	Metal burnishing continuous.....	29 90.5	Web.....	226
Earth boring type.....	175 162+	Metal founding molds.....	249 106	<b>Feeler Mechanism</b>	
Electric conductors etc with fluid ...	174 15.6+	Metal heating and feeding		Lock condition indicating.....	70 438
Electrolytic apparatus		Sewing machine for articles		Looms	
Cells with.....	204 242+	attached by sewing.....	112 104+	Multicolor.....	139 233
Electrode.....	204 225+	Sewing machine work.....	112 303+	Pattern sensing.....	139 331
Feed water per se or combined		Solder or flux.....	228 33+	Replenishing.....	139 269+
Boiler.....	122 451 R+	Stock pushing or pulling.....	414 222.01+	Thread cutter combined.....	139 264
Boiler purification.....	210 311+	Textile embroidery hemstitching.....	112 82	Record sensing.....	235 475
Condenser feed heater type.....	165 112+	Textile felting.....	28 127+	Type distributors.....	276 23+
Distillation still heater.....	202 167	Textile fiber working.....	19 204+	Setting combined.....	276 5
Furnace.....	110 297+	Textile knitted fabric		<b>Feet</b>	
Gas pressure discharge of traps..	137 156+	manipulation.....	66 147+	Artificial.....	623 53+
Heater for boiler.....	122 412+	Textile knitting.....	66 125 R+	Furniture.....	248 188.8
Power plant furnace regulation.....	60 645+	Textile strand.....	226	Ladder.....	182 108+
Power plant furnace regulation.....	60 660+	Tool driving or impacting device.....	173 141+	Surface compensating.....	182 200+
Festooner.....	226 104+	Turning lathe carriage.....	82 132+	Stand.....	248 188.1+
Fluid current conveyer.....	406 108+	Web or strand.....	226	Table	
Diverse conveyer feeder.....	406 51+	Wire.....	226	Leg.....	248 188.1+
Single for plural conveyors.....	406 123	Wood shaving fixed knife.....	144 155+	Pedestal supported.....	108 150
Fuel		Wood turning.....	142	Pedestal supported extension.....	108 88
Aircraft structure.....	244 135 R	Woodworking.....	144	Wheel rim carried.....	305 4+
Coal tender.....	105 232	Woodworking match making.....	144 50+	<b>Fellies</b>	
Furnace combined.....	110 101 R+	Manure spreader load.....	239 650+	Expanding tire tightening.....	157 9+
Furnace type.....	414 147+	Material handling elevator.....	414 592+	Land wheel.....	301 95.101+
Nuclear reactor use.....	414 146	Mechanical gun magazine.....	124 45+	Making.....	144
Internal combustion engine.....	123 495+	Member driving machines magazine.....	227 82+	<b>Felling Trees</b>	
Progressive for furnace.....	110 267+	Motion picture strip intermittent.....	352 166+	Boots and shoes.....	36 9 R
Reciprocating piston		Music instrument automatic		Paper making.....	162
expandible chamber pump.....	417 437+	selectors.....	84 115+	Cleaners for porous material.....	162 274+
Straw burning furnace.....	110 196	Nail driving machine.....	227 107	Pickers instrument tuning.....	84 460
Trash burning cookstove.....	126 223	Ordnance cartridge.....	89 33.01+	<b>Felt</b>	
Valve retaining.....	261 DIG. 24	Paper tube making axial.....	493 302	Fabric.....	442 320+
Valves.....	261 DIG. 23	Paper web for recorder.....	346 136	Laminated.....	442 326
Wet fuel furnace underfeed.....	110 255+	Paper web forming regulator for.....	162 259	Paper making	
Gas manufacture		Pavement marking material.....	404 94+	Endless drying.....	34 523
Acetylene generator carbide.....	48 38	Pencil with.....	401 55	Paper pressfelts.....	162 900*
Acetylene generator water.....	48 4+	Pin feeders.....	226 52+	<b>Felting</b>	
Heating gas oil retort.....	48 106	Power driven conveyor and chute.....	198 523+	Chemical treatment precedent.....	8 112
Glass melt.....	65 325+	Printing inkers.....	101 335+	Glass or mineral wool.....	65 376+
Harvester grain adjusters.....	56 471	Multicolor.....	101 202+	Apparatus.....	65 505
Heat exchange.....	165 120+	Railway car stops releasable.....	104 252+	Hat making	
Invalid.....	414 9	Raking and loading machine.....	56 344+	Design.....	D15 135+
Article manipulator analogous		Rivet setting magazine.....	227 51+	Piano hammer.....	144 29
with hand, finger movement.....	414 1+	Screw conveyor opposed direction.....	198 657+	<b>Fence</b>	
Liquid.....	137	Screw conveyor plural direction.....	198 608	Barbs	
Acetylene generator.....	48 4+	Separating with.....	209	Attaching to wire.....	140 58+
Ambulant supply sprayers.....	239 146	Gas suspension.....	209 146+	Making.....	29 7.1
Barometric feed to cooler.....	62 397	Liquid suspension gravity.....	209 172+	Top guard.....	256 11
Battery electrolyte.....	429 72+	Paramagnetic.....	209 231+	Compound repair tools.....	7 117+
Bearing and guide material for		Sheet or strip material		Design.....	D25 38+
oil.....	384 181	Delivering or.....	271	Electric.....	256 10
Centrifugal distributor.....	239 215+	Electrolytic continuous		Insulator.....	174 137 R+
Concentrating evaporators.....	159 43.1+	electrode.....	204 206+	Hardware for.....	D08
With alternating operating		Label pasting machine.....	156 569+	Jet engine blast deflector.....	244 114 B
means.....	159 43.2	Magnetic recording, moving head.....	360 81+	Lighting.....	362 152
Diffusers slow.....	239 34+	Magnetic recording, stationary		Lock.....	70 321+
Electrolytic apparatus.....	204 193+	head.....	360 88	Molds.....	425 84+
Fountain pen.....	401 222	Measuring combined.....	33 732+	Noise baffle between airport	
Fountain pen force		Mechanical sound reproducing.....	369 258.1+	and highway.....	181 210
feed or filler.....	401 143+	Endless.....	369 259	Post design.....	D25 126+
Fountains.....	239 16+	Motion picture.....	352 166+	Static mold.....	249 143+
Gas and liquid contact		Nail and peg driving implement.....	227 96	Wire making.....	140 3 R+
apparatus.....	261	Platen combined.....	281 6+	Wrapper for wire fencing.....	206 389+
Liquid contact with solids.....	134	Shoe nailing and stapling		<b>Fencing</b>	
Liquid suspension separating.....	209 155+	machines.....	227	Exercise device.....	482 12
Locomotive cab squirts.....	239 174	Tack driving implement.....	227 136	Game.....	463 47.1
Metallurgical furnace.....	266 186+	Telegraphic recorder.....	178 42	<b>Fencing Apparatus</b>	482 12
Mineral oil distillation.....	196 135	Telegraphophones photographic.....	369 125	<b>Fender (See Mudguard)</b>	
Purification, material feed		Tobacco treatment.....	131 290+	Automobile light combined.....	362 487+
controlled.....	210 101	Typewriter paper.....	400 578+	Boat.....	D12 168
Purification, treating material		Typewriter ribbon.....	400 223+	Bridge pier combined.....	405 76
addition.....	210 199+	U strip staple forming and		Carpet sweepers.....	15 45
Self proportioning systems.....	137 87.01+	setting machine.....	227 82+	Covers	
Sprinklers, sprayers, diffusers.....	239	Shockers automatic.....	56 402+	Automobile.....	280 762+
Stratifier.....	209 500+	Sifting.....	209 243+	Design, fireplace.....	D23 403+
Water purification chemical.....	210 198.1+	Discharging and.....	209 240+	Horse rake.....	56 399
Lubrication.....	184	Horizontal drum.....	209 284+	Land vehicle including railway car.....	293
Main conveyor and collecting wing.....	198 601	Sorting automatic with.....	209 509+	Marine structure.....	405 212
Manicuring device with fluent		Strand.....	226	Plant protecting.....	172 509+
material.....	132 74.5	Stratifiers with.....	209 497+	Railway car combined with draft.....	213
Manufacturing device combined (see		Discharging and.....	209 488+	Roof.....	52 24+
device per se)		Suction operated feed valve.....	261 DIG. 49	Scuff plate.....	280 848
Ammunition and explosive		Tool driving or impacting device.....	173 141+	Ship.....	114 219+
charge making.....	86 45+	Track sanders.....	291 25+	Stove.....	126 201+
Ammunition loading.....	86 23+	Type case.....	276 45	Vehicle.....	293
Can body.....	413 70+	Valve		Design.....	D12 186
Can head.....	413 45+	Acetylene generator gas & water.....	48 58	Magnetic fender securing device.....	293 DIG. 6
Can head seamer with.....	413 27+	Dispenser transfixing.....	222 510	Pusher attachment for tractors.....	293 DIG. 1
Cigar and cigarette making.....	131 38+	Dispenser with.....	222 544+	<b>Ferment</b>	
Laminated fabric hose making.....	156			Medicine containing.....	424

Class Subclass		Class Subclass		Class Subclass	
<b>Fermenting</b>	435	With tv camera	348 359	Wheeled	446 269+
Animal foods	426 53	With video display	348 804	<b>Filament (See Strand; Wire)</b>	
Apparatus	435 283.1+	Fluid treatment of	8 147+	Bonding apparatus	156 441
Beverages	426 7+	Glass compositions	501 35+	Bonding methods	156 60+
Apparatus	99 275+	Glass manufacturing	65 376+	Filament formation	156 167
Fertilizers	71 8+	High modulus	428 902*	Filaments only	156 180+
Tobacco treatment	131 308	Insulated electric conductor	174 124 R	Filaments winding	156 169+
<b>Ferments Acclimatization</b>	435 245	Plural layers	174 122 R	Stressed filaments	156 161
<b>Ferris Wheel</b>	472 45+	Plural layers impregnated	174 121 R	Cereal	426 560
<b>Ferrocenes</b>	556 143+	Isocyanate & carbonate fiber		Container for non-spooled	206 388
<b>Ferrocyanogen Compounds</b>	423 364+	modification	8 DIG. 11	Container or wrapper for coiled	206 389+
<b>Ferroelectric</b>		Layers needled	442 388	Cutting filament-to-staple fiber	83 913*
Battery	136 254	Liberation & paper making	162	Distributing explosive device	102 504
Information storage and retrieval		Making		Electric lamp	313 341+
Interconnection	365 65	Powder metallurgy	419 4	Compositions	252 500+
Radiant energy	365 117	Micro fiber	428 903*	Mounting methods	445 29+
Photoconductivity and	365 109	Optics	385 +	Electronic tube	313 341+
System with particular element	365 145	Sign	40 547	Replaceable filament	313 237
<b>Ferrous Alloys</b>		Polyvinyl halide esters or alcohol		Etching	216 7
Composition	420 8+	fiber modification	8 DIG. 10	In electronic tube	315 46+
Electrolysis		Preparation (see textile prep)	19	In electronic tube	315 49
Aqueous bath coating	205 238+	Refractory compositions	501 95.1	Laminating	156 166
Aqueous bath synthesis	205 557+	Retting		Lantern projector combined	362 211+
Fused bath synthesis	205 365	Chemical	162 1+	Making	
Treatment	205 704+	Fermentation	435 279+	Electric conductor	156 47+
Electrothermic processes	75 10.1+	Rods	385 +	Electroforming	205 76+
Heat treatment	148 579+	Fiber optics	358 901.1*	Electrolytic apparatus	204 206+
Special composition with	148 625+	Photocopy device use	355 1	Electrophoretic coating or	
Working combined	148 648+	Spinning mechanical	57 315+	forming of sheet, web, wire,	
Pyrometallurgy	75 507+	Staple length	428 359+	or filament of indeterminate	
<b>Ferrule</b>	16 108+	Strand structure	57 200+	length using rubber or	
Assembly and disassembly	29 282	Swelling & stretching	8 DIG. 3	vulcanizable gum	204 476
Hand tools	29 280+	Testing	73 159+	Glass apparatus	65 483+
Percussive or explosive		Textile (see type)		Glass processes	65 376+
operator	29 255	Coated or impregnated	442 59+	Optical fibers	65 385+
Design	D04 199	Treatment		Liquid comminuting and	
Digest, brushes & cleaning tools	15 DIG. 4	Bleaching	8 101+	solidifying apparatus	425 6+
Making		Carroting	8 112	Liquid comminuting and	
Metalworking methods	29 428+	Chemical modification	8 115.51+	solidifying processes	264 5+
Wireworking	140 76	Cleaning or laundering	8 137+	Metal casting	164 423+
Ring ferrules	16 109	Coating	427 412	Metal drawing	72 274+
<b>Ferry</b>		Coating, general processes	427	Metal working plastic	72 253.1+
Boats	114 70	Utilizing polymerization	427 501	Molding apparatus	425 66
Slips	114 231	Comminution	241	Molding apparatus	425 67
Suspended car or load carrier	104 90	Dyeing	8	Molding apparatus	425 76
<b>Fertile Nuclear Conversion Material</b>		Electrolytic treatment of		Molding apparatus	425 382.2
(See Nuclear Reactions, reactors)	376 172	organic fibrous material	205 689+	Molding processes	264 165+
<b>Fertility, Pregnancy</b>	436 510	Electrostatic charge utilized	427 462+	Powder metallurgy	419 4+
Fertility tests	435 806*	Fluid apparatus	68	Spinning twisting or twining	57
<b>Fertilizers</b>	71	Fluid processes manipulative	8 147+	Textile misc processes	28 299
Adjuvant	504 358+	Liberation chemical	162 1+	Metal	428 606
Apparatus	422 193+	Liberation physical	19 1+	Coating of	427 216+
Based on ammonium phosphates	71	Swelling or plasticizing	8 130.1+	Compound	428 607
Chelating agent	71 DIG. 2	With structure or coating	428 364+	Multiple filament lamp and	
Containing non-fertilising	71	<b>Fiber Board Making</b>	156 62.2+	electronic tube	315 64+
additives	71	<b>Fiber Board Making</b>	264 109+	Spun twisted or twined	57 200+
Defluorination	71 DIG. 3	<b>Fiber Optic Lamp</b>	D26 27	Design yarn cord	D05 7+
Distributing machines	222	<b>Fiber-Reactive Azo Dyes</b>	534 617+	Stock material	428 364+
Application to plant	47 48.5	<b>Fiberglass</b>		Supply circuit for electronic tube	315 94+
Scattering unloaders	239 650+	Coating	427 389.8	Testing	73 160
Distributing machines below ground	111	Fishing rods	43 18.5	Tires combined	152 168
In irrigating systems	47 1.01 R	Metallic receptacles digest	220 DIG. 23	Transformer	336
<b>Festoon</b>	428 10	<b>Fibrillation</b>		With anode supply winding	336 170+
Collapsible	428 9	Cellular materials	264 DIG. 8	With anode supply	315 94+
Paper, making	493 957*	Diagnostic testing for	600 518	With grid bias	327 530+
<b>Festooning (See Loopers)</b>		Textiles fibrillated	57 907*	With grid bias power packs	307 150
<b>Fettors</b>		<b>Fibroin</b>	106 124.1+	<b>File or Filing</b>	
Animal husbandry	119 816	<b>Fids</b>	114 221 R	Binder device releasably engaging	
Butchering	452 187+	<b>Field</b>		aperture or notch of sheet	402
Design	D30 151+	Artillery	89	Cabinet with material retainer	312 183+
Portable locks	70 15+	Mounts	89 40.01+	Cabinet, design	D06 432+
<b>Fez</b>	D02 865+	Glasses	359 407+	Card spacer	283 36+
<b>Fiber (See Filament)</b>		Design	D16 133+	Dental	433 141+
Bicomponent	428 373	Holders	359 409+	Directory	40 371+
Blend	162 181.1	Optics	359 795	Folder	493 947*
Blend	162 141	Magnet for electric machine	310 180+	Handles	407 29.15
Bonding apparatus	156 433	<b>Field Sport Devices</b>	482 14+	Hoof trimming	168 48.1+
Bonding methods	156 166+	<b>Fifth Wheel</b>		Leather	69 1
Bristles	15 159.1+	Land vehicle		Implement	69 20
Brushes design	D04	Articulated	280 433+	Manicuring	132 76.4+
Chemical modification of	8 115.51	Running gear swinging axle	280 80.1+	Combined in compound tool	132 75.6
Cleaning or laundering	8 137+	<b>Figure</b>		Metal and metal working files	29 76.1+
Coating	427 212	Decorative with illumination	362 808*	Cleaning and resharpening by	
Coating with	427 180+	Toys	446 268+	sand blast	451 79
Composite	428 373+	Air actuated	446 199+	Electrolytic cleaning	205 705+
Crimped	428 370	Aquatic	446 156+	Electrolytic resharpening	205 640+
Composite metal	428 607	Design	D21 576+	Making	76 12+
Composition (see type)		Knockdown	446 97+	Processes of abrading	451 32+
Crimped	428 369+	Spinning or rotating	446 236+	Pencil sharpening (see pencil	
Staple length	428 362	Toy money box with coin deposit		sharpener)	407 29.1+
Dyeing & bleaching	8	figure release	446 10+	Rasps and	407 29.1+
Fiber optics	358 901.1+	Velocipede type	280 1.13+	Receptacle file partition	220 529+

Class Subclass	Class Subclass	Class Subclass
Rifle file..... 40 372	Mineral oil..... 208 360	Refrigeration combined..... 62 317
Rotary or flip card..... D19 75	Editor viewer..... 352 129	Glare screen on vehicle body..... 296 97.1+
Sharpening tools by..... 76 82+	Electroforming of..... 205 76+	Heat exchanger combined..... 165 119
Saw sharpening..... 76 31+	Electroplating of..... 205 152+	Heat ray..... 359 350+
Sorting type desk..... 211 11	Nonconducting..... 205 159+	Heating boiler combined..... 122 431
<b>Fillers</b>	Flotation separation..... 209 207	Internal battery cell having..... 204 249
Barometric control of dispenser..... 222 479	Forming apparatus..... 425 223	Light ray..... 359 885+
Bars for beds..... 5 283	Forming apparatus..... 425 224	Color photographic elements..... 430 495.1+
Cables conduits with fluid or vacuum..... 174 8+	Forming process..... 264 165+	Color photography..... 430 357+
Cables conduits with insulation..... 174 68.3+	Heaters and vaporizers..... 122 39	Hand lamp..... 362 166+
Composition..... 106 400+	Holders..... 396 517+	Infrared..... 359 350+
Shoe..... 106 38	Motion picture..... 352 232+	Projection dimmer..... 362 257+
Curtain shade or screen seals..... 160 40+	Rewinder..... 242 324+	Signal lamp..... 362 166+
Dispenser and receiver combined... 141 173	Storage cans..... 352 78 R	Ultraviolet..... 359 350+
Portable receptacle..... 141 173+	Photographic..... 430 495.1+	X ray..... 378 156
Dispenser with refilling of supply... 141 18+	Acetate recovery from..... 536 78	<b>Liquid</b>
Ditch..... 37 142.5	Badges..... 250 475.2	Congeaing liquid process..... 62 67
Floor mats pivoted link..... 15 240	Cabinet..... 312 10.1	Design treatment..... D23 209
Fountain pen combined..... 401 118+	Cartridge or pack..... 430 471	Frozen constituent removal..... 62 123+
Force means in filler..... 141 20.5	With structure..... 396 511+	Purification or separation..... 210 500.1+
Gas generator..... 48 74	Cleaner..... 15 100	Purifying..... 210 348+
Insulating heat or sound..... 252 62	Coating apparatus..... 118	Refrigeration combined..... 62 318+
Mattress..... 5 690+	Coating processes..... 430 935*	Sediment testing..... 73 61.63+
Foam materials..... 5 740	Color..... 430 541+	Oil, fuel entering nozzles or float chamber..... 261 DIG. 40
Pastry..... 99	Developing machines..... 396 564+	Optical..... 359 885+
Pastry..... 425 230+	Digest, drying & gas or vapor contact with solids..... 34	Compositions..... 252 582+
Printing member..... 101 402+	Fluorescent screen..... 250 475.2	Making coating..... 427 162+
Rail joint containing..... 238 163	Guides developing apparatus..... 396 646	Press..... 210 224+
Safe wall structure combined..... 109 84	Holders..... 396 517+	Ray generation combined..... 250 503.1
Sheet metal cup die shaping..... 72 54	Metal recovery from photographic material	Refrigerant..... 62 474+
Sound mufflers having..... 181 282	Hydrometallurgy..... 75 713	Automatic..... 62 195
Synthetic resin or natural rubber (see class 523, 524)	Pyrometallurgy..... 75 635	Process..... 62 85
Wheel web combined..... 295 23	Pyrometallurgy combined with hydrometallurgy..... 75 417	Smoking device..... 131 202+
<b>Filleting</b>	Nitrate recovery from..... 536 40	Smoothing..... 333 181+
Chicken..... 452 135+	Processing machines..... 396 564+	Sound..... 181 175+
Fish..... 452 161	Processing, manipulative..... 396 564+	Miscellaneous electronic device type..... 327 551+
<b>Filling</b>	Radioactive sensitive..... 430 942*	Still vapor treating..... 202 200
Abrasive bag making..... 51 294	Projector..... 353	Tuning fork..... 333 186+
Ammunition cartridge packing..... 86 47+	Motion picture..... 352 232+	X-ray..... 976DIG. 440+
Ammunition loading..... 86 23+	Reel..... D14 484	<b>Filtering</b>
Attachments for metallic receptacles..... 220 86.1+	Reflection reducing on optical surfaces..... 359 580+	Electrolytic treatment of water, sewage, or other waste water combined..... 205 751+
Automatic weigher..... 177 116+	Motion picture..... 352 233	Gas purifying..... 95 273+
Removable weigh chamber..... 252 62+	Splicer	Expansible chamber device with... 92 78
Bags..... 141 313+	Design..... D08 70.1	Liquid metal..... 75 407+
Bail stopper type..... 53 265	Machine..... 83 948*	Liquid purifying..... 210
Barometric control of dispensing..... 222 479	With wound supply..... 242 551+	Expansible chamber device with... 92 78
Battery grid processes..... 141	Spool..... 242 348+	Mode..... 333 248+
Bottles..... 141	Strand, for..... 242 118+	Polarization..... 333 248+
Brush making machine..... 300 9	Stills separatory..... 202 236	Oil purification..... 208 177+
Capsules..... 141 237+	Stripping sensitized film..... 430 264	Dehydration..... 208 187
Cigarette making by tube..... 131 70+	Type of concentrator and evaporator..... 159 5+	Vapor treatment..... 208 347+
Confectionery machines..... 99	Vaporizer for mineral oil..... 196 128	Radiant energy in space..... 343 909+
Confectionery machines..... 425 130+	Video cassette type (design)..... D14 477	Sugar treatment..... 127 55
Container refilling by dispensing means..... 141 21+	Winding apparatus, motion picture... 242 324+	Treating drying or solid contacting gas or vapor by..... 34 82
Dental..... 433 226+	X ray apparatus using..... 378	Vaporous metal..... 75 407+
Carrier..... 433 163	<b>Filter (See Filtering)</b>	<b>Finance, Computer Applications</b> ..... 705 35+
Compositions..... 106 35	Aid..... 210 500.1+	Bill preparation..... 705 34
Dispenser and receiver combined... 141	Applying means..... 210 193	Checkbook balancing..... 705 33
Distillation retorts..... 201 40	Applying process..... 210 777+	Credit or loan management..... 705 38
Golf ball making..... 156 146	Aquarium..... 210 416.2	Electronic funds transfer..... 705 39
Match boxes..... 53 236	Aquarium combination..... 119 259+	Requiring authorization..... 705 44
Match making combined with..... 144 61	Choke input..... 333 181+	To pay bills..... 705 40
Dipping frames..... 144 63+	Cigarette or cigar..... 131 331+	Using cryptography..... 705 64
Milk receptacle with funnel..... 232 43	Color filter..... 359 885+	Able to use multiple cards..... 705 73
Paper receptacle closing by plural steps with..... 53 266.1+	Photographic chemically defined..... 430 7+	Anonymous user..... 705 74
Paper receptacle filling & closing..... 53 467+	Container or wrapper for..... 493 941*	Authorization to proceed..... 705 76
Plastic molding blank covering &..... 425 110+	Crystal..... 333 187+	Charge determination at..... 705 77
Portable receptacles..... 141	Decoupling..... 333 181+	remote site..... 705 77
Cooking combined..... 99 356	Diaphragm type cell having..... 204 264	Communication between..... 705 79
Shoe filling appliers..... 12 18.1+	Dispenser combined..... 222 189.06	two financial networks..... 705 79
Processes..... 12 148	Electric current frequency..... 333 167+	Initializing..... 705 73
Storage batteries..... 429 72+	Electrical	Key management..... 705 71
Subterranean cavity with cement... 405 267	Balancing in radio receiver..... 455 339	Radio communication..... 705 73
Weaving (see weft)..... 139	Blocking type..... 333 167+	Specialized keypad..... 705 73
<b>Film</b>	Digital..... 708 300+	Specialized terminal..... 705 73
Accumulating dispensers..... 222 423	Frequency modulation for receiver..... 455 213	Transaction confirmation..... 705 75
Discharge assistant type..... 222 403	Noise control..... 455 307	Verification of (pin)..... 705 72
Removable from supply container 141 112+	Antenna coupling..... 455 286	With intelligent token..... 705 65
Badges	Electrolyte feeding combined..... 204 276+	Balancing account..... 705 68
Radioactivity..... 250 472.1	Electrolyte treatment..... 204 240	Detecting double spending..... 705 69
Burster sounding toy..... 446 181+	Electrolyte recirculation..... 204 238	Initializing or reloading..... 705 66
Processes..... 159 49	Leacher dissolver or extractor..... 204 235	With authentication..... 705 67
Cassette..... D14 475+	Furnace door combined..... 110 179	With paper check handling..... 705 44
Cine film..... 430 934*	Gas..... 96	Forecasting..... 705 10
Container or wrapper for..... 206 389+	Frozen constituent removal..... 62 642	Insurance policy assessment..... 705 4
Distillation separatory..... 203 72	Process..... 95 273+	Portfolio management..... 705 36
Distillation separatory..... 203 89		Remote banking..... 705 42

Class Subclass		Class Subclass		Class Subclass	
Using an (atm).....	705 43	Steering ships.....	114 152	Converted to spring gun.....	124 28
With cryptography.....	705 70	Submarine diving.....	114 331+	Design.....	D22 100+
Tax preparation.....	705 71	Vertical on aircraft.....	244 91	Firing mechanism.....	42 69.01+
Third party billing for business.....	705 53	<b>Fire (See Burner; Fireproof)</b>		Imitation, light flashing.....	362 112
data processing.....	705 53	Alarms		Light combined.....	362 110+
Time-based billing.....	705 32	Electric detectors.....	340 577+	Magazine chargers.....	42 87+
Trading stocks, bidding.....	705 37	Electric system automatic.....	340 577+	Making.....	42 16.1
Will information management.....	705 4	Electric systems.....	340 287+	Making.....	42 75.1
<b>Finder</b>		Smoke bells.....	362 379	Making.....	42 107
Camera view.....	396 373+	Thermal control.....	116 101+	Muzzle loaders.....	42 51
Distance and vertical angle.....	33 284	Thermal electric switch.....	337 298	Pistol swords.....	42 53
Electric trolley.....	191 72+	Thermometer systems.....	374 141+	Plural triggers.....	42 42.02
Optical accessories for photography.....	396 373+	Electrical.....	374 166+	Revolvers.....	42 59+
Ground glass.....	396 150+	With indicator.....	116 5	Sights.....	42 111+
Switches for telephone systems.....	178 16+	Brick.....	501 94+	Silencers or mufflers.....	181 223+
<b>Finger</b>		Design.....	D23 422	Simulating	
Article manipulation by finger		Cigarette lighters.....	D27 141+	Dispenser.....	222 79
like movement.....	414 1+	Dampers, building.....	454 369	Light.....	362 157+
Attachable coating implement		Detector (see alarms)		Stocks.....	42 71.01+
with material supply.....	401 6+	Doors furnace.....	110 173 R+	Toy.....	42 54+
Attachable or conforming penholder.....	15 443	Electric starter device.....	D07 416+	Design.....	D21 572+
Attachments handling implements.....	294 25	Engine.....	169 24	<b>Firebox (See Furnace)</b>	
Automatic musical instrument		Boiler feed heater.....	122 418+	Feeding steam air or water.....	110 297+
selector.....	84 117	Heating system combined.....	237 12.2	Feeding water to.....	110 297+
Blotter attachment.....	34 95.2	Hose and ladder type.....	280 4	Fire tube.....	122 44.1+
Boards for stringed instruments.....	84 314 R	Ladder or escape.....	182 63.1+	Flue.....	122 135.1+
Cots or protectors.....	2 21	Extensible type.....	182 68.1+	Fuel dispenser installed in.....	431 159
Cutting tool, finger supported.....	30 298	Escape.....	182	Liquid heater or boiler combined.....	122
Blade guard or guide.....	30 291	Rope and brake.....	188 65.1+	Locomotive	
Shears.....	30 232	Extinguisher.....	169	Structure combined.....	105 37+
Exercisers.....	482 44+	Boiler fires.....	122 504+	Type combustion features.....	110
Kinesitherapy.....	601 40	Compositions.....	252 2+	Type water heating.....	122
Music.....	84 465+	Fire retarding.....	169 45	Smoke and gas return to.....	110 203+
Glove.....	2 163	Design.....	D29 125+	Solid fuel.....	110 317+
Guard for door.....	49 383	Gas agent.....	169 11+	Straw and wet fuel burning.....	110 196
Harvester cutter guard.....	56 310+	Toy vehicle.....	446 432	Water	
Bars and.....	56 307+	Extinguishing.....	169	Tube.....	122 235.34+
Sickles and.....	56 298	Aerial fire apparatus.....	244 136	Wall.....	122 294
Supplemental lifting.....	56 312+	Methods of spraying fluids.....	239 1+	<b>Firebrick</b>	
Interlocking bed corners.....	5 295	Nozzles automatic.....	169 37+	Carbide containing.....	501 87+
Letter box guard.....	232 54	Processes chemical.....	169 43+	Design.....	D23 422
Print		Shipboard.....	169 5	Refractory.....	501 94+
Fingerprinting outfits.....	118 31.5	Fighting.....	D29	<b>Firecracker</b>	102 361
Identification type printed		Hose.....	D23 266	<b>Firedamp</b>	
matter.....	283 69	Hose nozzles.....	239	Analyzing and testing apparatus.....	422 50+
Methods.....	427 1	Design.....	D23 213+	Indicators.....	73 23.2+
Printed matter alteration		Hydrant.....	D23 234	<b>Firedogs</b>	126 298
preventing.....	283 69	Ladder.....	D25 62+	Design.....	D23 407
Release for control lever pawl.....	74 537+	Mask.....	D29 108+	<b>Firefighting (See Fire)</b>	
<b>Ring</b>		Vehicle design.....	D12 13	<b>Fireless Cookers</b>	
Blotter supporting.....	34 95.2	Kindling.....	431 6+	Heat accumulators.....	126 400
Jewelry.....	63 15+	Composition.....	44 542+	Open top liquid heating vessel.....	126 375.1
Jewelry design.....	D11 26+	Design solid fuel.....	D13 100	Ovens.....	126 273.5
Making and sizing.....	29 8	Matches design.....	D27 139+	<b>Fireplace</b>	126 500
Metal founding molds.....	249 57	Nuclear reactor.....	976 DIG. 151	Arches.....	52 219
Penholder supporting.....	15 443+	Plate.....	126 148	Dampers.....	126 536
Supports for tobacco users.....	131 258	Pots and linings.....	126 144+	Design.....	D23 343+
Stringed instrument fingering		Thermostats.....	236 104	Fenders.....	126 201+
devices.....	84 315+	Preventing		Design.....	D23 403+
Stringed instrument picks.....	84 322	Devices, design.....	D29	Grates.....	126 540+
Supported cutting tool.....	30 298	Receptacle attachments.....	220 88.1+	Design.....	D23 398+
Typewriter paper feeder.....	400 645+	Textile apparatus.....	68 209	Heating systems having.....	126 509
With feed roller.....	400 638+	Retarding composition.....	252 601+	Logs	
<b>Finger Cot</b>	D04 103	Biocidal composition with.....	424	Electric.....	472 65
<b>Fingernail</b>		Containing gas.....	252 605	Gas.....	431 125+
Brush.....	D28 57	Dispersion or colloidal systems.....	252 611	Gas design.....	D23 409
Polish.....	424 61	Fiber chemically modified.....	8 115.51+	Mantel design.....	D23 404
Removers.....	510 118	For living matter.....	252 603	Screen.....	126 544
<b>Fingerprinting</b>	427 1	For synthetic polymer.....	252 609	Digest.....	16 DIG. 11
<b>Finial (See Product)</b>		Intumescent.....	252 606	Shelves.....	126 505
Drapery rod.....	D08 378+	Paper-making or fiber liberated.....	162 159	<b>Fireproof (See Fire, Retarding; Insulating, Heat)</b>	
Pendant or finial type article.....	428 28	Stock material mechanically		Miscellaneous compositions.....	252 601+
<b>Finings</b>	426 654	interengaged strands.....	442 136+	Plastic or coating compositions.....	106 15.05+
Apparatus.....	99 277.1+	Fire or flame proof features.....	428 921*	Reactive building component.....	52 232
<b>Finishing</b>		Synthetic polymer use.....	252 609	Stock material.....	428 920*
Block concrete or ceramic.....	264	Trees, grass use.....	252 603	Synthetic resin or natural rubber	
Bolt heads.....	470 150+	Woven material use.....	252 608	(see synthetic resin or natural rubber)	
Fabric.....	26	Screen.....	126 544	Cellular product.....	521 50+
Seams stitching combined.....	112 217	Starting devices.....	D07 416+	<b>Fireworks</b>	102 335+
Nails horseshoe.....	470 64+	Stop.....	52 317	Loading.....	86 20.1+
Cutting combined.....	470 114	Telegraphs.....	340 287+	<b>Firing</b>	
Paper.....	162 204+	Tong.....	294 11	Clayware processes.....	264 603+
Pavement.....	404 83+	Design.....	D08 52+	Devices or mechanisms	
Stereotype plate.....	29 21	Tube.....	122	Ammunition & explosive devices.....	102 200+
Planing backs.....	409 309+	<b>Fire-Polish Glass</b>	65	Automatic firearms and guns.....	89 132+
Straps leather.....	69 17	<b>Firearm (See Gun)</b>	42	Blasting.....	102 200+
Thread.....	28 217+	Automatic.....	89 125+	Drop bomb.....	102 396
Type casting combined.....	199 81+	Barrels.....	42 76.01	Firearm nonautomatic.....	42 69.01+
<b>Fins</b>		Bayonets.....	42 86	Gun cartridge.....	102 470+
Heat exchanger.....	165 185	Bolt making.....	29 903*	Mechanical guns.....	124 31+
Nuclear fuel having.....	376 435	Breech loading.....	42 2+		
Stabilizing ships.....	114 126	Cane guns.....	42 52		

Class Subclass		Class Subclass		Class Subclass	
Mine.....	102 424+	Badge.....	40 1.5	Electric.....	362 208
Mines marine.....	102 416+	Design.....	D11 165+	Bicycle operated generator.....	362 193
Ordnance nonautomatic.....	89 27.11+	Design, insignia or jewelry.....	D11 165+	Design.....	D26 37+
Electric.....	89 28.05+	Pole or post structure.....	52 831+	Hand generator per se.....	310 50
<b>First Aid</b>		Socket.....	52 298	Hand operated generator.....	362 192
Cabinets.....	312 209	Staff.....	116 173+	Electric generator combined.....	362 192+
Kits.....	206 570+	Decorative element.....	52 301	Bicycle.....	362 193
X-art collection.....	206 803*	Staff type support.....	248 511+	Flash powder and photoflash.....	431 357+
<b>Fischer-Tropsch Crude Processing</b> ..	208 950*	<b>Flagpole</b> .....	52 831+	<b>Flask</b>	
<b>Fischer-Tropsch Synthesis</b> .....	518 700+	Design.....	D11 181	Adjustable.....	164 377
<b>Fish (See Fishing)</b>		Holder.....	D11 182+	Pattern with.....	164 237+
Butchering apparatus.....	452 +	Segmented.....	52 848	Plastic molding.....	425 175+
Culturing.....	119 215+	Socket.....	52 298	<b>Flat Pack Electronic Device</b> .....	174 524
Fish bowl design.....	D30 101+	<b>Flail</b>		<b>Flat Tire Alarm</b>	
Hooks.....	43 43.16	Cotton harvester.....	56 29	Electric.....	340 442
Knife for kitchen use.....	D07 649+	Threshing machine.....	460 61	Switch.....	200 61.22+
Liver extraction		<b>Flails Flexible</b> .....	451 466+	Nonelectric.....	116 34 R
Fats etc.....	554 18	<b>Flake Ice Making</b> .....	62 320+	<b>Flatiron</b> .....	38 74+
Medicine containing.....	424 554+	<b>Flakes</b>		Design.....	D32 68+
Vitamins.....	260	Coating.....	427 212+	Heating	
Net.....	43 7+	Electroforming.....	205 74	Automatic temperature	
Design.....	D22 135	<b>Flame (See Fire; Fireproof)</b>		regulators.....	236 7
Fabric and processes for making...	87 12	Arc lamp.....	313 231.01+	Electric.....	219 245+
Making apparatus.....	87 53	Movable electrode.....	314	Liquid and gaseous fuel.....	126 230
Plates.....	238 243	Arrester.....	48 192	Self heating liquid and	
Special, bolt or nut to		Dispenser having.....	222 189.01	gaseous fuel.....	126 411+
substructure lock.....	411 94	Receptacle having.....	220 88.1+	Stove and furnace.....	126 227+
<b>Fisherman's Tool</b> .....	D22 149+	Respirator.....	128 202.24	Stands combined.....	38 142
<b>Fishing</b>	43 4+	Bonding by.....	228 902*	Steam.....	38 77.1+
Amusement fish ponds.....	273 140	Colorant composition for fuel.....	44 642	Support.....	248 117.1+
Automatic hooks.....	43 15+	Deflector.....		Ironing table combined.....	38 107
Bait, tackle, and catch container.....	43 54.1+	Deflector in furnace.....	431 171+	<b>Flats</b>	
Bait or lure carrier.....	224 920*	Resistance, coated.....	427 393.3	Bed bottoms.....	5 186.1+
Minnow buckets.....	43 56	Retardant, textile collection.....	57 904*	Carding.....	19 113
Design.....	D22 136	Thrower.....	431 91	Grinding.....	451 416+
Baskets and creels.....	43 55	<b>Flanger</b>		Stationary.....	19 104
Belt with lure holder.....	D03 221+	Pipe or tube.....	72 316+	Stripping.....	19 110+
Containers & carrying cases.....	D03 260	Sheet.....	72 101	Traveling.....	19 102
Design.....	D22 134+	<b>Flannel and Flannelette Napping</b> .....	26 29 R+	<b>Flattening (See Crusher;</b>	
Equipment.....	D22 134+	<b>Flap</b>		<b>Straightening Devices)</b>	
Files, work holder for.....	269 907*	Bag closures.....	383 84	Glass.....	65 67
Fish traps.....	43 100+	Envelope moistening & sealing.....	156 441.5	Sheet material rolling or	
Hook shelling.....	242 448+	Head coverings.....	2 172	wrapping combined.....	53 116+
Hooks.....	43 43.16	Paper receptacles		Textile ironing and smoothing.....	38
Design.....	D22 144	Closure for paperboard box.....	229 126+	Tobacco leaf.....	131 324+
Making.....	29 9	Letter sheet closure.....	229 92.7	Stemming combined.....	131 315
Line.....	43 44.98	Pneumatic tire.....	152 514	<b>Flatware-Tableware</b> .....	D07 642+
Reel.....	242 223+	Shoe sole channel machines		Disposable.....	D07 642+
Attachments.....	242 322	Layers.....	12 29	<b>Flavanthron</b> .....	546 31
Design.....	D22 137+	Turners.....	12 30	<b>Flavones</b> .....	549 403
Line loading supply.....	242 902*	<b>Flare</b>		<b>Flavors</b> .....	426 534+
Rod.....	43 18.1 R+	Burners		Artificial.....	426 533+
By orbital hand tool.....	242 442	Magnesium strip.....	431 99	<b>Flavylum, Basic Dye</b> .....	8 657+
Cover or container for		Solid fuel.....	102 336+	Animal-derived natural fiber.....	8 426
disjointed.....	43 26	Dropping.....	89 1.51+	Printing permanently.....	8 454
Guide binding.....	242 448+	Guns.....	42 1.15	<b>Flaw Detection</b>	
Holder.....	224 922*	Package for.....	206 803*	Magnetic.....	324 238+
Stringers.....	224 103	Pyrotechnic.....	102 335+	Induced voltage-type sensor.....	324 240+
Tackle and accessories.....	43 4+	Composition for.....	149	Oscillator type.....	324 237
Tool		Design.....	D22 112	Utilizing radiant energy.....	250
Compound.....	7 106+	Parachute.....	102 337+	<b>Flax (See Fiber)</b>	
Electricians.....	254 134.3 R	Torches.....	102 336+	Retting.....	435 279+
Traps.....	43 100+	<b>Flaring Tool (See Pipe Making)</b>		Thresher.....	460 24
Design.....	D22 121	<b>Flash</b>		<b>Flechettes</b> .....	244 3.24+
Trotlines.....	43 27.4	Camera attachment.....	D16 239+	Ammunition.....	102 703*
Holder.....	43 57.3	Electric weld.....	219 97+	<b>Fleece</b>	
Vessel.....	114 255+	Flash bulb mount.....	D16 239+	Dividers in fiber preparation.....	19 151
Weighing of fish.....	D10 87+	Flash memory.....	365 185.33	Knitting	
<b>Fishing Rod</b> .....	D22 137+	Design.....	D14 480.1+	Fabric or articles.....	66 194
<b>Fishing Rod Holder</b> .....	D22 147	Flash removal.....	425 806*	Needle cooperating wheels.....	66 94
<b>Fission Counter Scintillations</b> .....	250 361 R+	Spotlight.....	D26 24+	Unknitted materials.....	66 191
<b>Fission Sustaining Nuclear Reactors</b>	376	Trimmers.....	83 914*	<b>Fletching Jig</b> .....	269 38
<b>Fitting Boots and Shoes</b> .....	36 8.4	<b>Flash Bulb</b>		<b>Flexible</b>	
<b>Fittings</b>		Combustion type.....	431 358+	Concentric electric cable.....	174 102 R+
Bath basin and receptacle.....	4 696+	Mount design.....	D16 239+	Fluid vacuum or air.....	174 28+
Design.....	D23 271+	<b>Flashing</b>		With insulation spacer.....	174 99 R+
Electrical		Exterior type, eg roof.....	52 58+	Flail tools.....	451 466+
Boxes housings.....	174 50+	Glass.....	65 60.1	Remote control cable.....	74 500.5+
Conductor insulator combined....	174 169+	Lamps		Shafts.....	464
Making		Sign.....	40 +	Tubing.....	138 118+
Gas and water.....	29 890.14+	Sign systems.....	340 +	<b>Flicker Beam Photometer</b> .....	356 217
Pipe.....	285 120.1+	Switch in lamp.....	315 72	<b>Flier</b>	
Fluid distribution design.....	D23 200	Systems.....	315	Spinning machine.....	57 67+
Gaslight design.....	D26 113+	Light as signal.....	40 902*	Flier elements.....	57 115+
Scaffolding design.....	D25 66	Pipe and plate joint roof		<b>Flies</b>	
Suspended support.....	248 342+	flashing type.....	285 42+	Design fishing bait.....	D22 125+
<b>Fixatives</b>		Signals.....	340 331	Sheet delivering.....	271 83
Artists.....	106	<b>Flashlight</b>		Trouser.....	2 234
Electrophotographic copier.....	399 320+	Combined with structure of		<b>Flight Training Simulator</b> .....	D25 1
Perfume.....	512 2	another device.....	362 157+	<b>Flint</b>	
Photographic.....	430 455+	Canes.....	362 102	Composition.....	420 416
<b>Flag</b> .....	116 173+	Pen or pencil.....	362 118	Firearm firing device.....	42 69.01+

Class Subclass		Class Subclass		Class Subclass	
Lighter.....	431 273+	<b>Flocculation</b>		control responsive to sensed condition.....	204 555
Special packaging for.....	206 528+	Liquid separation.....	210 702+	Electrolytic apparatus.....	204 228.1+
<b>Flip Flop Oscillator</b> .....	331 144	Solid separation.....	209 5	Electrolytic apparatus.....	204 229.4+
Driven type.....	327 185+	<b>Flocking</b>		Electrolytic apparatus.....	204 229.8+
Gas tube type.....	331 113 R	Apparatus.....	118 308+	Gas filtration particulate material.....	55 474
<b>Flippers for Swimming</b> .....	D21 806+	Coating combined.....	427 180+	Gas filtration reticulated	
<b>Floating Compasses</b> .....	33 364	Laminating combined.....	156 279	Gas liquid contact porous sheet.....	261 100+
<b>Floats</b> .....	169 DIG. 1	<b>Floodgate</b> .....	49 10+	Gas liquid contact porous mass.....	261 94+
Ballasting.....	114 123	<b>Floodlights</b> .....	362 538+	Gas liquid contact wet baffle.....	261 108+
Marine pipe or cable laying.....	405 158+	Design.....	D26 61+	Gas separator combined.....	96
Submersible floating matter barrier.....	405 64	Dirigible support.....	362 418+	Heat exchange.....	165 279+
Submersible marine structure.....	405 205	<b>Floor or Flooring</b>	52	Pump reversible.....	417 315
Submersible wave or flow dissipator.....	405 23	Animal building - waste collection.....	119 450+	Radiator heat exchange.....	165 96+
Buoy.....	441 1+	Animal cage.....	119 480	Counter nuclear	
Closure.....	220 216+	Animal stall.....	119 525+	Determine characteristic of fluid.....	250 336.1
Controlled		Waste collection.....	119 527	Through counter tube.....	250 374+
Alarm.....	116 110+	Bridge.....	14 73	Indicators	
Alarm electric.....	340 623+	Bridges for safes.....	109 87	Dispenser combined.....	222 40
Boiler safety device.....	122 505	Building		Electric.....	340 606+
Bottle nonrefillable.....	215 20	Friction or wear surface.....	52 177	Fluid.....	116 273+
Burner liquid fuel.....	431 64	Joists to wall.....	52 289	Refrigerant.....	62 125
Closure.....	49 21+	Masonry.....	53 391+	Lines making, metal working.....	29 DIG. 17
Dispenser fluid pressure discharge.....	222 62	Mat.....	52 660+	Meters	
Dispenser indicator.....	222 51	Nailing beam.....	52 364+	Electric current.....	324 76.11+
Dispenser material level.....	222 67+	Parquet.....	52 390+	Fluid.....	73 861+
Flood gate.....	49 11	Rotatable.....	52 65	Thermal.....	73 204.11+
Funnel valve.....	141 199+	Spacing sleeper.....	52 480	Fluid direction combined.....	73 170.07+
Funnel valve air displacement.....	141 199+	Static mold for making.....	249 18+	Proportional.....	137 98+
Gas liquid contact.....	261 70	Supporting wall.....	52 264	Recorders.....	346 72
Liquid feeder traps.....	137 165+	Vertically adjustable.....	52 126.1+	Regulator.....	138 37+
Liquid level indicator.....	73 305+	Yielding sub-structure.....	52 403.1	Earth boring tool combined.....	175 232+
Liquid purifier.....	210 121+	Carpet.....	428 85+	General utility type.....	138 37+
Liquid purifier level indicator.....	210 86	Design.....	D06 582+	Impact activated valves.....	251 76
Pump electric.....	417 36+	Cleaners.....	D32 15+	Responsive to element deformation.....	137 67
Pump jet.....	417 182.5	Cleaning		Sprinkling and spraying.....	239 533.1+
Pump pneumatic displacement.....	417 126+	Compositions.....	510 214+	Valve combined.....	251 118+
Pump starter.....	417 36+	Machinery design.....	D32 15+	Responsive	
Pump throttle.....	417 36+	Machines and devices.....	15	Alarm.....	116 112
Trap thermal.....	236 53	Disintegrating machine.....	299 36.1+	Alarm electric.....	340 606+
Valve.....	137 409+	Drying apparatus.....	34 237+	Dispenser cutoff.....	222 59+
Valve steam trap.....	137 192+	Endless excavating vehicle.....	37 305	Dispenser preset cutoff.....	222 14
Water closet outlet.....	4 395+	Heat exchanger.....	165 56	Heater closed fluid.....	236 25 R
Water closet plural flusher.....	4 324+	Heated vehicle.....	237 43	Pump throttle valve.....	417 43
Water closet valved bowl.....	4 437+	Hog farrowing pen.....	119 509	Switch electric.....	200 81.9 R
Watering trough.....	119 78+	Jack.....	254 11+	Valve.....	137 455+
Decoy ducks.....	43 3	Lamp.....	D26 93+	Retarder	
Fishing.....	43 43.1+	Lighting.....	362 153	Brake fluid pressure.....	303 84.1
Design.....	D22 146	Mat, portable.....	15 215+	Fluid in conduit.....	138 37+
Fluid pressure gauge.....	73 713+	Mop, sponge, non-bristle broom.....	D32 40+	Railway switch indication.....	246 109
Impeller		Outlet or junction box.....	220 3.3+	<b>Flower</b> .....	PLT
Endless chain.....	416 7	Packaging for coiled floor covering.....	206 389+	Curbing for flower bed.....	D25 38+
Paddle wheel.....	416 84	Parquet.....	428 50	Holder.....	47 41.01+
Masonry implement.....	15 235.4+	Pavement.....	404 17+	Apparel attached.....	D11 1+
Mortar-joint finisher.....	15 235.3	Polishing		Corsage boutonniere personal wear.....	24 5+
Oil distributor.....	114 234	Compositions.....	106 3+	For plant shrub vine etc.....	47 44+
Operated		Railway car.....	105 422	Furniture type.....	D06 403+
Acetylene generator.....	48 53.4	Auxiliary.....	105 375	Vases.....	D11 143+
Beverage infuser.....	99 320	Registers ventilation.....	454 284+	Wall mounted.....	D06 556+
Brake.....	188 179	Scrubbing or brushing machine.....	D32 15+	Wreaths and sprays.....	248 27.8
Dispenser indicator.....	222 51	Sectional.....	428 44+	Imitation.....	428 17+
Heater fluid.....	236 31	Ship.....	114 76	Plants.....	PLT
Liquid level gauge.....	73 305+	Slatted covering.....	52 660+	Pots.....	47 65.5
Motor fluid.....	60 495+	Surfacing machines.....	451 350+	Design.....	D11 143+
Pump tide motor.....	417 331+	Vehicle floor mat.....	D12 203	Support, depended.....	D06 513+
Specific gravity indicator.....	73 451+	<b>Flora</b> .....	428 17+	Support, shelf.....	D06 556+
Switch electric.....	200 84 R	Framework for.....	211	Preserving	
Thermal air relief valve.....	236 62+	<b>Floral</b>		Coating or impregnating.....	427 4
Thermal regulator.....	236 52	Holders.....	47 41.01+	Plant catalyst or stimulant.....	504 114+
Thermometer combined.....	374 156	Supports.....	248 27.8	<b>Flowmeter (Fluid)</b> .....	73 861+
Watergate or weir.....	405 96+	Design, apparel attached.....	D11 1+	Thermal.....	73 204.11
Plural connected, bath.....	4 DIG. 1	<b>Floss, Dental</b>		<b>Flowmeter for Heat</b> .....	374 29+
Regulator		Holder.....	D28 66+	<b>Flowrate</b> .....	73 19.04
Fluid pressure.....	137 505.19	Toilet kit with.....	132 323+	Determination gas content.....	73 19.04
Pump starter.....	417 36+	<b>Flotation</b>		<b>Floxacinil</b> .....	540 327
Pump throttle.....	417 36+	Liquid purifying.....	210 703+	<b>Flue</b>	
Skimmer glass furnace.....	65 206	Gas-liquid surface contactor.....	210 150	Boiler.....	122
Structure.....	73 322.5	Liquid surface outlet.....	210 221.1	Building attached.....	52 219
Specific gravity tester.....	73 448+	Physical separation agents.....	252 60+	Cleaner	
Supported liquid separator.....	210 242.1	Separating solids.....	209 162+	Brush and broom design.....	D04
Traversing hoist.....	212 307+	Sugar manufacturing.....	127 57	Brush or broom.....	15104.066+
Valve.....	137 409+	<b>Flouncing Lace Goods</b> .....	87 10	Scraper.....	15 249.2+
Vessel raising and docking.....	114 44+	<b>Flour</b> .....	426 622+	Collar adjustable.....	126 315
Warship battery.....	114 4	Bleaching.....	426 253+	Connection making.....	29 890.145
Water closet design.....	D23 303	Manufacture by comminution.....	241 6+	Cover	
Water motor.....	60 495+	Testing.....	73 169	Design	
<b>Flocculating and Deflocculating</b> .....	209 5	<b>Flouring or Flour Dusting</b> .....	425 101	Expanders (see expander)	
Prevention of.....	210 696+	<b>Flour (See Proportional, Feeding)</b>			
With precipitation.....	210 702+	Control (see valve, actuation)			
		Dryer.....	34 565+		
		Electrical separation or purification of liquid with			



Class Subclass		Class Subclass		Class Subclass	
Gas heating .....	432 219+	Rotary kinetic .....	415	Valve responsive to pressure .....	362 384
Masonry .....	52 245+	Dental hardpiece .....	433 132	Vehicle head lamp .....	362 37+
Mineral oil still .....	196 116+	Turbine .....	415	Well tubing cutter .....	166 55+
Regenerative .....	431 170	Operated		Wire placing apparatus .....	254 134.4
Checker bricks .....	165 9.1+	Aircraft control .....	244 78.1+	Work holder for grinder .....	451 395
Stopper .....	126 319	Alarm .....	116 109+	Pillow .....	5 645
Thermolytic retorts having .....	202 124+	Apparel or garment turning .....	223 43	Pressure gauges .....	73 700+
Horizontal .....	202 138+	Belt and pulley control .....	474	Pressure regulator (see pressure) .....	137 505+
Sprinkling and spraying .....	239 533.1+	Body vibrators or massagers .....	601 1+	Proportioning .....	236 12.1+
<b>Fluent Material Handling</b> .....	141	Boiler fire extinguisher .....	122 506	Pumps .....	417
<b>Fluent Tool Metal Shaping</b> .....	72 54+	Brake .....	188 151 R+	Ratio maintenance .....	236 12.1+
<b>Fluid (See Gas; Liquid)</b>		Camera shutter .....	396 476	Reaction surfaces, ie impellers .....	416
Amplifier .....	137 803+	Changeable exhibitor .....	40 477+	Regulator and control	
Bearing .....	384 100+	Chuck .....	279 4.01+	Volume or rate of flow meters	
Breakwater .....	405 22	Closure by ambient fluid .....	49 21+	combined .....	73 199
Calculator .....	235 200 R+	Clutch operator .....	192 82 R+	Samplers .....	73 863+
Automated .....	705 413	Depth gauge .....	73 299+	Screen .....	110 179
Cleansing tool drive combined .....	173 197+	Die shaping .....	72 54+	Shark screen .....	405 22
Clutch .....	192 58.1+	Dumping vehicles .....	298 22 R	Sprinkling, spraying, diffusing .....	239
Collection from body .....	604 317+	Earthenware apparatus .....	425	Storage in earth cavity .....	405 53+
Conveyer (see conveyer)		Explosive arming devices .....	102 222	Transmission (see transmission)	
Coupling .....	60 325+	Fluid scatterer or sprayer .....	239 214+	Treatment	
Gearing combined .....	74 730.1+	Governor .....	73 521+	Bleaching and dyeing .....	8
Planetary gearing combined .....	475 31+	Governor modifier .....	73 521+	Coating implement with	
Shaft connection .....	464 24	Hat shaping .....	223 13	material supply .....	401
Delivery		Impacting device .....	173 90+	Drying and gas contact with	
Check controlled device .....	194	Indicator .....	116 264+	solid .....	34
Sprinkling, spraying, diffusing .....	239	Linear hoist .....	212 341	Food apparatus .....	99 516+
Track sander .....	291 3+	Lubricators .....	184 14+	Gas and liquid contact .....	261
Tracked by data network .....	705 413	Machine elements .....	74	Gas separation .....	95
Distribution .....	137	Planetary gearing controls .....	475 31+	Metal .....	148
Automated .....	705 413	Milling machine work feed .....	409 170	Shoe soles .....	12 41.3
Conduit and electrical		Mortar mixers .....	366 10+	Textile fabric apparatus .....	68
conductor combined .....	174 47	Process .....	366 3+	Textile fibers .....	19 66 R+
Cooling and/or insulating		Motors temperature controlled .....	236 79+	Thread finishing with .....	28 217+
electrical conductors .....	174 8+	Overhead hoist .....	212 319	Ultraviolet treatment of .....	250 432 R
Expansible chamber motor .....	91	Photographic printing .....	355 91+	Vortex amplifier .....	137 812+
Gas separator combined .....	96	Pipe and tube cleaner .....	15 104.03	Vortex generator .....	137 808+
Outlet nozzles .....	239	Pipe cleaners .....	131 244	<b>Fluke</b>	
Reaction motor discharge .....	239 265.11+	Pneumatic tire alarm .....	116 34 R	Anchor .....	114 301+
Reaction motor discharge		Power hammer and presses .....	72 407	Anchor trippers .....	114 210
cooling .....	239 127.1+	Press .....	100 269.01+	<b>Flume</b> .....	405 119+
Sound muffler .....	181 212	Hydraulic or pneumatic .....	100 347	Gates .....	405 87+
Drive .....	60 325+	safety system .....	100 347	Screen .....	210 154+
Earth boring with .....	175 65+	Pressure gauge .....	73 700+	Comminuting .....	210 173+
Electrifying .....	361 225	Puller or pusher assembler or		<b>Fluoranthene (See Aromatic</b>	
Floating matter barrier .....	405 62	disassembler .....	29 252	<b>Hydrocarbon)</b> .....	585 400+
Flow direction measurement .....	73 170.01+	Pushing and pulling implements .....	254 93 R	<b>Fluorene (See Aromatic Hydrocarbon)</b> .....	585 400+
Flow indicator .....	116 273+	Railway car stop .....	104 256	<b>Fluorenone</b> .....	568 326
Fluidic device		Railway switches and signals .....	246	<b>Fluorescein</b> .....	549 223
Making .....	29 890.09	Railway turntable .....	104 37	<b>Fluorescent</b>	
Fuel		Rate of climb meter .....	73 179+	Cathode ray screen .....	313 467
Efficiency test .....	73 114.55+	Reciprocating cutter .....	83 639.1	Cathode ray tube .....	313 467+
Gas analysis .....	73 23.2+	Rotary hoist .....	212 250	Coating .....	427 157
Illuminating testing .....	73 36	Sausage stuffer .....	452 43	Composition	
Liquid .....	44 300+	Sawmill set works .....	83 726	Inorganic .....	252 301.6 R
Liquid analysis .....	73 53.01+	Seal for a joint or juncture		Mineral oil .....	208 12
Fuel burner		Biasing		Organic .....	252 301.16
Combustion feature .....	431	dynamic lip .....	277 558	Radioactive .....	252 625+
Dispersing feature .....	239	face or mechanical .....	277 387+	Contrast agents (in vivo) .....	424 9.6+
Fuel for heating		Blowout preventer .....	277 324+	Devices and applications .....	250 462.1
Material or bodies .....	432	Close proximity seal		Electric light .....	313 484+
Structures .....	237	article .....	277 409+	Ballast .....	336 155+
Fuel in nuclear reactors .....	376 151	process .....	277 301+	System .....	315
Fuel in nuclear reactors .....	376 172	Inflatable		Electric lights and electronic	
Fuel in nuclear reactors .....	376 356	dynamic .....	277 583	tubes .....	313 495+
Fuel in nuclear reactors .....	376 356	static .....	277 646	Illuminating devices with .....	362 217.08+
Governor .....	73 521+	static pipe, conduit or cable .....	277 605	Screens .....	250 483.1
Elevator .....	187 345+	well apparatus .....	277 331+	Signs .....	40 542+
Handling equipment .....	137	Venting		<b>Fluorides Inorganic</b> .....	423 462+
Mounted on vehicular support .....	137 899+	dynamic gland .....	277 514	Binary .....	423 489
Systems .....	137 561 R+	dynamic lip .....	277 552	<b>Fluorimeter</b>	
Branched passage flow control .....	137 861+	other seal types .....	277 928	Chemical analysis, apparatus .....	422 82.08
Heat exchange .....	165	Seal with bearing .....	384 131	<b>Fluorine</b> .....	423 500
Packaged .....	D09	Ship steering .....	114 150+	Acids .....	423 481
Heater (see heat heater and		Ships log .....	73 181+	Halocarbon containing .....	570 123+
heating liquid)		Sound record molding device .....	425 385	<b>Fluorocarbons, Eg, Teflon, Kel-F</b>	
Electric .....	392 311+	Sound record molding device .....	425 406+	And memory plastics, pipe joints .....	285 909*
Infrared treatment of .....	250 432 R	Sprayer .....	239 237+	Insulated cable and conductors .....	174 110 FC
Jet texturizer .....	28 271+	Steering gear .....	180 400+	Plastic article forming, resin .....	264 127
Level gauges .....	73 290 R+	Switch .....	200 81 R+	<b>Fluoroscope and Fluorescent</b> .....	250 458.1
Mattress .....	5 665+	Syringe .....	604 131+	Article inspection .....	250 458.1
Mattress .....	5 706+	Testing device .....	73 37+	Fluorescent applications .....	250 458.1
Measuring vessels .....	73 426+	Thermometer .....	374 201+	Fluoroscopic equipment .....	D24 158
Mixture sensing .....	236 12.1+	Thermostat .....	60 530+	Tables .....	378 38
Motor (see propeller)		Tool turret .....	29 42	<b>Fluosilicates</b> .....	423 342+
Brake .....	303	Toy .....	446 176+	<b>Fuosilic Acid</b> .....	423 341
Expansible chamber .....	91	Track sander dispenser .....	291 24	<b>Flush Tank</b>	
Manual displacement energized .....	49 32	Oscillator .....	239 589.1	Liquid level control .....	137 409+
Manufacture .....	29 888+	Trolley retriever .....	191 85+	Water closet .....	4 353+
Meter .....	73 861+	Trolley stand .....	191 67	Bowl combined .....	4 300+
Power plant .....	60	Valve responsive to flow .....	137 455+	Urinal .....	4 353+

Class Subclass		Class Subclass		Class Subclass	
<b>Flusher</b>		Plastic molding	264 41+	Aircraft control	244 76 R+
Nozzle cleaner	239 106+	Producing compositions	516 115+	Controlled gearing	74 388 R+
Sewerage	137 240	Protective coating or zone	252 382	Fluid pressure brake valve	303 54+
Siphon including automatic	137 132+	Separating gases from	96 176+	Gearing	74 388 R+
Street	239 146+	Processes	95 242	Recorder drive	346 31+
Valve	251 15+		D11 79+	Servometer fluid	91 358 R+
Water closet	4 300+	<b>Fob</b>		Ship steering	114 144 R+
Design	D23 295+	<b>Focusing</b>		<b>Font</b>	
<b>Fluspirilene, in Drug</b>	514 278	Camera	396 89+	Generation	345 467+
<b>Flute</b>	84 384	Automatic	396 89+	Sorting	199 40+
<b>Fluter</b>	223 28+	Hood	396 534	Typewriter embossing	400 127+
<b>Flux</b>		Flashlight	362 187	Typewriter, penetrating	400 135+
Bituminous material	106 279+	Focus coil and cathode ray tube	313 442	<b>Food (See Type)</b>	426
Ceramic	106 313	Focus coil per se	335 213+	Animal foodstuffs	D01
Controlling in nuclear reactor	976DIG. 113+	Photocell controlled	250 201.2+	Animal mastication aids	D30 199
Earth boring combined	175 13	In dynamic information storage		Apparatus	99
Metallurgical	75 303+	and retrieval	369 44.23	Canning	426 392+
Natural resin	106 240	Projector	362 317+	Filling receptacles	141
Protein containing	106 124.1+	Adjustable light	362 285+	Cereal pupping	99 323.4
Casein	106 159.1	X ray tube combined	378 138	Conductivity control	99 DIG. 11
Gelatine or glue	106 160.1	<b>Fodder</b>	426 636	Cooking apparatus	99 324+
Prolamine	106 161.1	<b>Fog</b>	516 1+	Dairy food treatment	99 452
Soldering feeders for	228 33+	Combustion	126 59.5	Dehydration	426 443+
Solid metal treating	148 23+	Dispelling appliances	454 901*	Design	D01
Synthetic resin or natural rubber		By spraying	239 2.1	Edible containers	99
(see class 523, 524)		Horns	116 137 R+	Edible laminated product making	D01 450.1
<b>Fluxmeter</b>		Surface, preventing compositions	106 13	Enclosed modified atmosphere	
Magnetic flux	324 244+	<b>Foil (See Sheet)</b>		treating	99 467
<b>Fly</b>		Dental filling	433 227+	Food mixer-grinder-blenders	D07 368+
Brush	416 501*	Fencing	482 12	Fruit and vegetable peelers	D07 693
Closer lasting tool	12 113	Laminate		Hand tools for food preparation	D07 669+
Fishing	43 42.24+	Manufacture	29 17.1+	Induction heating	99 DIG. 14
Design	D22 125+	Metal	428 606+	Inedible stick or holder &	D01 105
Holdings for fishhooks, flies	43 57.1+	<b>Folder (See Creaser)</b>		Live stock	426 635+
Net	54 80.4	Apparel apparatus	223 37+	Means to treat food	99 485+
Paper box making	493 52+	Collar,cuff bosom making	223 3	Non-cooking heat treatment	99 483
Swatter	43 137	Collar,cuff or neckband ironers	223 52.1+	Non-protein nitrogen	426 69
Design	D22 124	Plaiting etc with fold guides	223 34	Preparation or dispensing machines	D07
Textile spinning	57 96	Plaiting fluting shirring with		Preparing and treating (see type)	
Trap	43 122	cross creasing	223 29	Apparatus	99
<b>Fly Ash</b>	106 DIG. 1	Boot and shoe making		Preserving	426
Processes of using	264 DIG. 49	Lasting	12 12+	Processes, compositions & products	426
Stock material	428 406	Uppers	12 55	Equipment design	D07 368+
<b>Flying (See Aircraft)</b>		Cigar or cigarette tip or		Storage receptacle,household	D07 601+
Blind		mouthpiece forming	131 89+	Strip or stick form	D01
Aircraft controls	244 75.1+	Folder carried indicia	40 359	Temperature responsive	99 DIG. 10
Traffic control systems	340 947+	Paper article making		Vinegar making	99 323.12
Disc (design)	D21 443+	Bags, envelopes	493 243+	<b>Foot</b>	
Machine	244	Boxes	493 162+	Bandages	602 62+
Design	D12 319+	Sheet material associating or		Bath	D24 204
Design toy	273 362+	folding		Closure by foot pedal	220 262
Propeller toys	446 36+	Associating and folding	270 32+	Controlled dibbling apparatus	111 98
Target	273 362+	Associating folding and rotary		Electric applicator	607 144
Design	D22 114+	printing combined	270 4+	Flipper	441 64
Drone	D12 16.1	Folding and rotary printing	493 321+	Guard railway track	238 379+
Trainers	434 30+	Wrapping folding and or		Levers pedals	74 594.4
<b>Flying Tool</b>		printing combined	53 116+	Measuring devices	33 3 R
Cutting	83 284+	Sheet metal can seam	413 69+	Monitor radioactivity	378 38
Wire tool	83 307.1+	Sheet metal seaming	29 243.5+	Miscellaneous	378 38
Metal deforming	72 184+	<b>Folding</b>	493 405+	Scintillation type	250 458.1
<b>Flypaper</b>	43 114+	Boats	114 353	Operated	
Catching implements	43 136	Chairs	297 16.1+	Closure bolt releasers	292 255
Packages	206 447	Tables	108 115+	Control lever and linkage	
<b>Flytraps</b>	43 107+	<b>Foliage</b>		systems	74 469+
Design	D22 122	Artificial	428 17+	Cutting tool	30 275
<b>Flywheels</b>		Design	D11 117+	Cutting tool plural blade	30 297
Fan combined	416 60	<b>Folic Acid</b>	544 261	Dispenser	222 179
Fluid	60 330+	<b>Follower</b>		Earthworking tool lift	172 495+
Impellers combined	416 60	Ammunition dispenser (see magazine)	42 49.01+	Gang punching machine	83 620+
Machine elements	74 572.2+	Cabinet		Runner vehicle	280 12.1+
Occupant propelled vehicle		Phonograph record holder	312 9.1+	Sheet punching machine	83 613+
power storing	280 217	Cam	74 569	Ship steering apparatus	114 153
Sewing machine abraiding		Cooking apparatus combined	99 349+	Vehicle steering apparatus	280 87.1
attachment	451 432	Dispenser combined		Wheeled vehicle	280 200+
Vehicle drive combined	180 165	Container	222 386+	Orthopedics	602 28+
With planetary gearing	475 267+	Insertable cartridge	222 326+	Piece	
<b>Foam (See Art Use Classes)</b>	516 10+	Fountain pen	401 141+	Dustpan	15 257.5
Breaking		Lubricator pump	184 37	Fork and shovel hand	294 60
Distillation apparatus	202 264	Mattress filling apparatus	53 255+	Posts for skates	280 11.17
Distillation process combined	203 20	Partition follower	220 559+	Protector (design)	D29 121.2
Processes	516 115+	Pipe joint piston type	285 302	Resilient machinery support	248 615+
Coating implement with		Rack card or sheet	211 51+	Rest (see --, support)	297 423.1+
material supply	401 44+	Receptacle	220 578+	Chair reversible back	297 73+
Control	435 812*	Followers and partitions	220 529+	Chair with folding	297 30
Fire extinguishing	252 3	Self loading material handler	414 506	Closet	4 254
Stabilizing agent containing	252 8.05	Sheet retainer with		Control lever system type	74 564
Froth flotation agents	252 61	releasable keeper	402 60+	Design	D06 501
Gas & liquid contact apparatus	261 DIG. 26	Smoking device	131 181	Land vehicle body	296 75
Glass making	65 22	Trunk	190 36	Land vehicle combined	280 291
Laminate	428 304.4+	Wooden		Piano	84 232
In situ foaming	156 77+	Barrel	217 86	Rocker with	297 271.1+
Metallic receptacles collection	220 902*	Box	217 64	Substitute	297 423.18
		<b>Follow-Up Mechanism</b>			

Class Subclass		Class Subclass		Class Subclass	
Support		Blanks and processes for		Pen (see fountain pen)	
Boat	114 363	making	76 111	Sprinkling	239 17+
Life preserver with	441 80+	Cooking spit or impaler	99 419	Stencil addressing	101 48+
Skate joined runner & support	280 11.15	Excavating scoops	37 405+	Stock watering	D30 121+
Skate resiliently mounted	280 11.14	Hand	294 55.5+	Stock watering	119 74+
Surgical table	269	Hayfork	294 120+	Syringe	604 131+
Supporter	36 71	Hayfork type grapple	294 86.4+	Gravity feed from plural	
Warmer		Inclined elevator or hoist	414 595+	reservoirs	604 80
Heat radiator	237 77	Tilting	414 598+	<b>Fountain Pen (See Pens)</b>	401
Stove	126 204	Making dies	72 470+	Ball point	401 209+
Surgical body wear	607 144+	Railway mail delivery	258 21+	Follower fluid	401 142
<b>Football</b>	473 415+	Railway mail delivery support	258 11+	Bifurcate nib type	401 221+
Balls	473 569+	Single throw lever fulcrumed	254 131.5	Ink retainer attachment at tool	401 252+
Electric scoreboard	340 323 R	Tedder	56 374	Filling	141 21+
Game	473 415+	Vertically swinging	414 685+	Filling	141 18+
Game board	D21 357	Table (see cutlery)	30 322+	Projectable and retractable tool	401 99+
Goal post	473 477	Blanks & processes for making	76 105	Rupturable cartridge	401 132+
Practice device for	473 438+	Combined tool	7 112+	Sign or picture carrying	40 334+
Scoreboard	116 222+	Combined with knife	30 148	Stylographic	401 258+
Shoes	36 128	Dies for making	72 470+	<b>Fourdriner Machines</b>	162 348+
Simulated game	273 108.4+	With ejector	30 129	<b>Fourier Analysis</b>	324 76.21
Tackling dummy	473 441+	With material holder	30 137	<b>Fowl</b>	452 +
Teaching	434 251	Tuning or musical		Brooders	119 302+
<b>Footboard</b>		Music instrument	84 409	Butchering	452 +
Bed	5 53.1+	Tuning	84 457	Care and handling design	D30
Foot or leg support	5 648+	Wheel occupant propelled vehicle		Confining and housing devices	119 416+
Motor vehicle body	180 90.6	Front	280 279+	Design	D30 108+
Railway rolling stock	105 460	Rear	280 288	Feeding devices	119 51.01+
<b>Footholds</b>		Rear yielding	280 284+	Foods	426 635
Building with	52 184+	<b>Forklift Truck</b>	187 222+	Medicines	424
Friction surface	52 177+	Ramp design	D34 32	Supports and shackles	452 188
Cane	135 70	Tilting fork or guide	414 592+	Watering devices	119 72+
Crutch	135 70	<b>Formaldehyde</b>	568 448	Design	D30 121+
Ladder terminals	182 108+	Dehydrating	203 17	<b>Fowler Flap for Aircraft</b>	244 216
Pavement	404 19+	Synthetic resin (see synthetic		<b>Fracture Apparatus Surgical</b>	602 5+
Stair covers	428 85+	resin or natural rubber		<b>Frame</b>	52
Walking aids with tips	135 77+	resin or natural rubber)		Abrading machine	451 340+
<b>Footing (See Bases; Foundation)</b>		<b>Formamide</b>	564 215	Agricultural implement	172 776
<b>Footlights</b>		<b>Formates</b>		Aircraft	
Cleaning type	15 238+	Alkali forming metal	562 609	Airfoil	244 123.1+
<b>Footwear</b>	36	Cellulose	536 67	Airship hull	244 125
Athletic	D02 902+	Esters	560 231+	Fuselage	244 119+
Design, general	D02 896+	<b>Formazans</b>	534 652	Apparel	
Mens	D02 896+	<b>Former (See Die; Molding; Shaping)</b>		Armpit shield	2 57
Moccasin	D02 924	<b>Formic Acid</b>	562 609	Hat	2 175.4+
Sandal	D02 916+	<b>Forming</b>		Apparel apparatus	
Stockings & socks	D02 980+	Metal by plastic shaping	72	Dress coat or skirt stretching	223 69
Wedge	D02 927	Fluent tool or energy field	72 54+	Hat frame making	223 8
Womens	D02 925+	<b>Forms</b>		Tie	223 65
<b>Foraminous</b>		Display	223 66+	Trousers stretching	223 63
Cabinet wall structure	312 213	Design	D20 10+	Bag holder	248 99+
<b>Force Measuring</b>	73	Dress	223 68	Bed	5
Coin controlled devices	194	In situ construction engineering or		Bee	
Dynamometer	73 862+	building type	249 1+	Comb	449 35+
Instrument proving or	73 1.08+	<b>Forme Devices (See Piano)</b>		Hive	449 3+
calibrating	73 1.08+	<b>Fortune Telling Devices</b>	273 161	Canopy	135 121+
Electric	324	Coin controlled	194	Car roof	52 45+
Muscular	73 379.01+	Playing cards	D21 813	Caster	16 31 R+
<b>Force Pump</b>	4 255.01+	Toys	D21 813	Clock	368 88
<b>Forceps</b>		<b>Foundation (See Bases)</b>		Clock	968 265+
Dental	433 159	Bee comb	449 44+	Closures partitions panels	160 371+
Railway traction cable	104 217	Building	52 292+	Awning	160 76
Surgical	606 205+	Hair	132 54+	Mount or support	160 369
Design	D24 143	Marine	405 195.1+	Nonrigid	160 354
<b>Forcer</b>		Ballasted	405 207+	Plural	160 353
Closure applying die	53 341+	Piles	405 231+	Roll type	160 239+
Sheet metal die shaping	72 54+	Road bed	404 27+	Convolute winding machine	242 539
<b>Forecasting</b>		<b>Founding</b>	164	Door	49 504+
Finances for business, computerized	705 10	<b>Foundry Apparatus</b>	164	Metal	52 782.1+
<b>Forehearth</b>	266 166	Controls	164 154.1+	Drill press	408 234+
<b>Forestry</b>	47	Signal or inspection means	164 150.1+	Drying	
Hand tools design	D08 1+	<b>Foundry Mold or Mold Core Binder</b>	523 139+	Curtain	38 102.1+
<b>Forge</b>	110 195	<b>Fountain</b>		Electric lamp	314 130+
Tuyeres	110 182.6	Beverage infuser	99 313+	Arc	314 130+
Water cooled	122 6.7	Gravity feed	99 310+	Fabric cleaner	15 233
<b>Forging</b>	72	Comb	132 112+	Fabric stretching	38 102.1+
Machines with other tools	29 34 R	Design	D23 201	Fastening savings box	232 6
Metal working with	29 DIG. 18	Drinking	D07 304	Fireplace	126 500
Nuts and washers	470 89+	Stock watering	D30 121+	Fishing reel	242 309+
Piston rings	29 888.07+	Drinking	239 24+	For building	52 648.1
Processes	72 372+	Design	D07 304	For expandable chamber device	92 161
Wrought nails	470 131+	Inkwell (see inkwell)	222 577	Hair foundation	132 54
<b>Fork (See Shovel)</b>		Machine		Hand and hoistline implements	294 67.1+
Bicycle type	280 276+	Bed and platen oscillating		Brick carriers	294 63.1+
Compound tool with culinary fork	7 112	printing	101 315	Grapple	294 113+
Compound tool with pitch fork	7 115	Bed and platen reciprocating		Vacuum	294 65
Cutlery	30 322+	printing	101 321	Harvester	56
Design	D07 653+	Dampener planographic	101 148	Headwear receptacle	206 9
Guard	30 323	Inker	101 364+	Internal combustion engine	123 195 R
Hand	294 55.5	Inker multicolor	101 210	Land vehicle	
Handles	D08 DIG. 4	Inker roller	101 363	Body structure	296 193.06+
Material handling		Printing members and inker	101 330+	Body supporting	280 781+

Class Subclass		Class Subclass		Class Subclass	
Design.....	D12 159	funds transfer .....	705 44	Framing .....	105 404+
Drop frame convertible to .....	280 7.11	Check controlled apparatus .....	194 302	<b>French Curves</b> .....	33 561.2+
Dropped body .....	280 2	Combined .....	194 202	<b>French Dressing</b> .....	426 615+
Endless track carried by .....	305 120+	Coating or impregnating.....	427 7	<b>French Fryers</b> .....	99 403+
Equalized .....	280 104+	Cryptography in business processing.	705 50	<b>Freon T M</b> .....	570 134
Roller bearing .....	280 105	Data distribution.....	705 51	<b>Frequency</b>	
Velocipede .....	280 281.1+	Copy protection or prevention	705 57	Amplitude study mechanical .....	73 579+
Velocipede steered .....	280 274+	Using a program or origin .....	705 58	Analyzer .....	324 76.12+
Leather making work holder .....	69 19	identifier .....	705 58	Automatic control	
Light shade or bowl .....	362 433+	Licensing .....	705 59	Gain, level, volume .....	455 234.1
Luggage .....	190 121+	Requiring additional user .....	705 55	Plural receivers .....	455 136
Metallic receptacle wall .....	220 668	input for authorization .....	705 55	System radio .....	455 71
Mirror or reflector .....	52	Specific computer id .....	705 56	Television receiver .....	348 735
Panel .....	52 785.1+	Electronic funds transfer .....	705 18	Transceiver .....	455 119
Mounted motor .....	180 58+	Electrophotographic copier .....	399 366	Transmitter .....	455 313+
Music		Employee fraud using point of .....	705 21	Changers .....	310 127+
Hammer action .....	84 250	sale terminal		Conversion systems .....	363 157+
Key .....	84 432	Multiple machines.....	705 21	Converters .....	310
Piano .....	84 184	Using inventory tracking.....	705 22	Systems .....	363 157+
Open work .....	52 633+	abilities .....	705 22	Demodulators .....	329 315+
Panel .....	52 474+	For point of sale devices.....	705 18	Divider .....	363 157+
Edging.....	428 21+	Secure transactions .....	705 64	Miscellaneous electronic device	
Sectional .....	52 455+	Able to use multiple cards .....	705 73	type .....	327 113+
Pavement light or lens .....	404 22+	Anonymous user .....	705 74	Dividers oscillator .....	331 51
Picture .....	40 700+	Authorization to proceed .....	705 76	Group frequency radio signaling.....	455
Picture frame molding.....	D25 119+	Charge determination at .....	705 77	Measuring .....	324 76.39+
Planting drill.....	111 52+	remote location .....	705 77	Absorption type .....	324 76.51
Portal with building structure.....	52 204.1+	Communication between .....	705 79	Heterodyne .....	324 76.41+
Printing.....	355 122+	Two financial networks .....	705 79	Wave meter .....	250 250
Quilting .....	112 119	Initializing .....	705 73	Modulators .....	332 117+
Radiator .....	165 149	Key management .....	705 71	Multipliers oscillator .....	331 53
Railway		Radio communication .....	705 73	Radio signaling .....	455
Bogie side.....	105 206.1+	Specialized keypad .....	705 73	Response modification .....	348 912*
Car .....	105 396+	Specialized terminal.....	705 73	Speech range compression or	
Locomotive .....	105 172+	Transaction confirmation.....	705 74	expansion in telephone system....	704 500+
Scroll saw .....	83 776+	Verification of pin .....	705 72	Synthesis .....	327 105+
Sewing .....	112 258+	With third party.....	705 78	<b>Frequency Spectrum Analyzer</b> .....	324 76.19
Sheet drying apparatus .....	34 664+	Tracking accumulating sales tax....	705 19	<b>Fret Saws</b> .....	30 513+
Sifting machine .....	209 404+	With intelligent token .....	705 65	<b>Frets for Fingerboards of Stringed</b>	
Sign or bulletin board .....	D19 52	Utility metering .....	705 63	<b>Instruments</b> .....	84 314 R
Slate.....	434 422	Balancing account .....	705 68	Control .....	84 DIG. 30
Spreader .....	294 81.1	With usage or chare .....	705 52	<b>Friction</b>	
Table .....	248 163.1+	Detecting double spending.....	705 69	Clutch .....	192
Tape or film winding .....	242 358+	determination .....	705 52	Brake position adjuster	
Tent .....	135 121+	Initializing or reloading .....	705 66	combined .....	188 199
Textile		Multi-layered rights for use .....	705 54	Gearing .....	476 +
Hand loom .....	139 34	With authentication .....	705 67	Planetary .....	475 183+
Pile tufting tubes .....	139 10	Third party billing .....	705 53	Generators	
Textile thread .....	28 149+	Health care .....	705 2	Boiler heating .....	122 26
Trolley pole .....	191 65	Postage fraud		Electric .....	310 310
Trunk .....	190 24	Mail security using postal meter....	705 406	Heater .....	126 247
Truss surgical .....	128 99.1+	Postage meter data protection....	705 406	Igniting mass or surface combined	
Typewriter .....	400 691+	Studying user's postage .....	705 403	with fuel .....	44 506+
Ventilating register .....	454 330+	purchasing patterns .....	705 403	Producing compositions .....	106 36
Wall decoration .....	D06 300+	Printed matter .....	283 72	Removable closure retained by .....	220 796+
Window .....	49 504+	Stock material .....	428 916	Tape .....	428 343+
Wireworking.....	140 92.1	Transfer or decalcomania .....	428 915	Coated on both sides .....	427 208
Woodworking		<b>Free Fall Item Feeding</b> .....	209 908*	Package .....	206 411
Bit .....	408 53	<b>Free Radical, Hydrocarbon Synthesis</b>		Test	
Clamps .....	269	<b>Involving</b> .....	585 942*	Between solid bodies .....	73 9
Handsaw .....	30 166.3+	<b>Free Wheeling Clutches</b> .....	192 41 R+	Liquid viscosity .....	73 54.04+
Match dipping .....	144 65	<b>Freeze-Out Trap</b> .....	62 55.5	Torque .....	73 862.12
<b>Frangible</b>		<b>Freezer and Freezing(See Congelation)</b>		Welding apparatus .....	228 2.1
Attachment for metallic receptacle..	220 89.1+	Flowable material .....	62 340+	Nonmetallic .....	156 580.1
Barrel bung .....	217 111	Automatic .....	62 135+	Methods .....	156 73.1+
Bottle or jar cap .....	215 250+	Process .....	62 66+	Sonic or ultrasonic .....	156 580.1
Building structures .....	52 98+	Ice cream machine design .....	D15 82	Welding process, nonmetallic.....	156 73.5
Cartridge fountain pen .....	401 132+	Pressure compensators .....	138 27+	Sonic or ultrasonic .....	156 73.1
Dispenser outlet .....	222 542	For internal combustion		<b>Fringe</b>	
Electric signal box element .....	340 303	engines .....	123 41.5	Apparel trimming .....	2 244
Element in pipe joint.....	285 3+	Refrigerator-freezer design .....	D15 81+	Making on looms .....	139 118+
Feature		Safety systems for fluid handling .....	137 59+	Misc manufacture .....	28 145+
Static mold .....	249 61	Work holder using .....	269 7	Of sewn strands .....	112 409
Fluid handling means .....	137 797	<b>Freight Accomodation On Freight</b>		Design .....	D05 7+
Locks		<b>Carrier</b> .....	410	On web or sheet .....	428 115+
Key bit .....	70 410	Lashing .....	410 96+	Sewing machine forming .....	112 64
Key operating mechanism .....	70 422	Anchor .....	410 101+	Trimming design .....	D05
Material used in glass process .....	65 23	Load brace .....	410 121+	Turning guide for sewing machines .	112 149
Metallic receptacle closure.....	220 265+	Bar wall-to-wall .....	410 143+	Woven fabric .....	139 385
Multiple shoe brake connection.....	188 241	Panel wall-to-lading .....	410 127+	<b>Frisbee T M</b> .....	446 46+
Railway switch element .....	246 289	Panel wall-to-wall .....	410 129+	<b>Frisket</b> .....	101 421
Railway train pipe closure.....	246 199	Retainer .....	410 77+	<b>Frits, Glass Compositions</b> .....	501 14+
Derailment operated type.....	246 172	Yieldable .....	410 117+	<b>Frog</b>	
Valve controlling element .....	137 68.11+	Particular article .....	410 2+	Flower stem holder .....	47 41.13
<b>Frankfurter (See Sausage)</b>		Automobile shipment .....	410 4+	Design .....	D11 147
Making .....	452 30+	Grouped .....	410 31+	Railway .....	246 454+
Packaging .....	53 DIG. 1	Massive .....	410 44	Continuous rail .....	246 275+
<b>Franking Machines (See Meter &amp; Metering)</b>		<b>Freight Carrier</b>		Frog obviating switches.....	246 417+
<b>Fraud Preventor or Detector</b>		Freight accomodating construction..	410	Switch connected .....	246 382+
Accounting, computer controlled.....	705 30	Land vehicle .....	280	Switch connected vehicle	
Authorization for electronic.....	705 44	Body .....	296	actuated .....	246 274
		Rail car .....	105 355+	Trolley transfer .....	104 105

Class Subclass		Class Subclass		Class Subclass	
Textile weaving	139 346	Calculation of gas needed	705 413	Metal heat treatment	148
<b>Front</b>		Payment	705 16	Molten	376 359
Boards	5 54	Generator	48 61+	Projections, prongs fins	376 454
Boiler	122 497+	Gaseous	48	Metal alloys	420 1+
Fireplace	126 544+	Gelled liquid	44 265+	Seal for	376 451
Design	D23 343+	Heat exchange feature	429 26+	Segmented	376 426
Furnace	110 172	High energy compounds	149 120+	Non-metal	264 21+
Upending bedstead case		Igniting devices & fuel	44	X-art	376 903*
Panel	5 160	Injector combined with rotary piston engine	123 200+	Sintered process	419
Wing	5 161	Liquid	44 300+	Sintered stock	75 228+
Winter or storm		Acyclic peroxy compound containing	44 322	Slurry, associated components	376 356
Land vehicle	296 77.1+	Liquid hydrocarbon monomer mixtures	585 1+	Slurry, conversion process	376 171
Railway car	105 353	Aldehyde or ketone containing	44 437+	Spacing means or securing	376 438
<b>Frost Indicator for Refrigerator</b>	62 128	Azo compound containing	44 328	Waste disposal or containment	588 1+
<b>Frost Preventing</b>		Carbohydrate containing	44 313	Nuclear device making	29 DIG. 9
Composition	252 70	Carboxamide containing	44 418+	Plural cells	429 18+
Coating	106 13	Explosive or thermic containing	149 1	Process of operating	429 13+
Plants and fruit	47 2	Free metal or alloy containing	44 321	Pumps	415
Refrigerator	62 272+	Halo hydrocarbon containing	44 456	Pump	417
Automatic	62 150+	Heavy metal containing except lead	44 354+	Service station pump	D15 9.1+
Process	62 80+	Heterocyclic compound containing	44 329+	Refrigerant utilized as	62 7
<b>Frosting Lamp Bulbs</b>	216 98	Inorganic compound containing	44 457+	Service station pump	D15 9.1+
<b>Froth</b>		Material, actinide or radioactive inorganic compound	423 249+	Solid and liquid	44
Flotation	209 163+	Nitrate or nitrite ester containing	44 323+	Solid compositions with binder and additional component	44 551+
Agents	252 61	Nitrile or isonitrile containing	44 384	Solid electrolyte	429 30+
Copper	209 901*	Nitro compound containing	44 413+	Solid with binders	44 551+
Phosphate	209 902*	Organic amine containing	44 412+	With binders	44 551+
Preventing	516 115+	Organic carboxylate containing	44 388+	Spread out into a film	261 DIG. 25
<b>Fruit</b>	426 616+	Organic oxygen compounds containing	44 436+	Testing consumption	73 114.54+
Apparatus for treating	99 467	Organic sulfate containing	44 369	Treatment, solid fuel furnace	110 218+
Cleaning		Organic sulfonate containing	44 370+	<b>Fuel Rating</b>	73 35.02
Brushing or wiping apparatus	15 3.1+	Organic sulfur or organic phosphorus containing	44 435+	<b>Fulcrum</b>	
Fluid treatment apparatus	134	Organo lead compounds containing	44 454+	Brake beam type	188 231+
Processes	426 478+	Phosphorus organic acids or esters containing	44 375+	<b>Full Stroke Mechanism</b>	74 17.5
Clipper	30 123.5+	Quinone containing	44 312	Dispensers	
Coffee substitutes from	426 594+	Silicon containing	44 320	Pump type	222 375
Corer	99 547+	Solid hydrocarbon polymer containing	44 459	<b>Full Wave Gas Rectifier</b>	313 581
Design	D07 693	Solidifying	44 265+	High vacuum rectifier	313 306
Gatherer	56 328.1+	Urea or thiourea containing	44 417	<b>Fuller's Earth</b>	
Design	D08 13	Log	44 535	Adsorbent	502 232+
Halving cutters	83	Mineral oil	208 15+	Carbon combined	502 180
Juice extractor		Nuclear	976DIG. 37+	<b>Fulling</b>	26 19+
Comminuting citrus fruits	99 495	Nuclear	376	Hide apparatus	69 33+
Design	D07 665+	Alloys for actinide groups	420 1+	Inorganic explosive or thermic composition containing	149 33+
Interfitting cup type press	100 213	Blanket arrangements	376 172	<b>Fulminating Igniter</b>	431 269+
Presses	100 104+	Bundle or pack	376 434	<b>Fumaric Acid</b>	562 595
Peelers or parers	99 588+	By-product treatment	376 189	<b>Fume Arrester</b>	
Design	D07 693	Canned	376 412	Consumable electrode discharge devices	314 26+
Plants	PLT 156+	Carrier, insertable	376 342	Gas separation	96
Preservation	426 321+	Cladding	376 457	Hoods	454 49+
Canning	426 392	Coated or impregnated	376 414	Design	D23 371+
Coating	426 289+	Complementary segments	376 429	Metallurgical apparatus	266 144+
Dehydration	426 471+	Compositions	252 636+	Textile fluid treating	68 209
Refrigeration	426 524	Concentric layers	376 431	<b>Fume Generator</b>	422 305+
Seeding and stoning	99 547+	Coolant included	376 424	<b>Fumigants</b>	424 40+
Sorting machines	209 509+	Core arrangements	376 348	<b>Fumigation</b>	
Stemmer	99 635+	Electrolytic production	205 43+	Animal	119 673
<b>Frying Pan</b>		In fission plenum	376 412	Food	426 312+
Deep fat	99 403+	Particles	376 411	Apparatus	99 467
Open top liquid heater	126 373.1+	Reprocessing	423 249+	Soils	47 58.1SC
Structure	220 573.1+	Handling	376 260	Vermin destroying	43 125+
Surface griddles	99 422+	Layered	376 416	<b>Fungi (See Also Yeast and Mushroom)</b>	
<b>Ftorafur</b>	544 313	Leak detecting	376 250	Compositions	435 171
<b>Fuchsine Acid</b>	552 112	Warning structure	376 450	Body treating	424 93.1+
<b>Fuchsine</b>	552 114+	Loading and unloading	376 264	Edible products	426
<b>Fuel</b>	44	Manufacturing		Single cell protein	435 804*
Bound animal blood or animal manure containing	44 552	Chemical milling	216 2+	Protein extracts from	530 371
Bound sewage containing	44 552	Chemical, misc	156 67	Fungi, per se, culture methods	435 254.1+
Boxes	126 283	Coating	427 6+	Species cross-reference	435 911+
Can	D23 202+	Etching	216 2+	Transformants	435 254.11+
Cell	429 12	Irradiation or conversion	376 156	Measuring and testing	435 7.31
Active material electrode	429 27+	Laminating	156 67	<b>Fungicides</b>	
Automatic control means	429 22+	Metal stock heat treated	148 401+	Animal dips and sprays	424
Catalytic electrode structure	429 40+	Metallurgical production	75 393+	Cyanogen compounds	424 607+
Cell electrical generator	429 12+	Metallurgical production	420 1+	Fertilizers containing	504 101+
Chemically specified electrode	429 46	Powder metallurgy	419	Fumigants	424 40+
Coal slurries	44 280+	Material, actinide or radioactive x-ref patents	376 901*	Inorganic	424 607+
Design solid	D13 100	Alloy	376 422	Oil emulsions	514 938*
Mineral oil	208 15	Organic compounds	534 10+	Organic	514 1+
Feed and supply systems	137	Mechanical spacing means or securing	376 438	Suspending agents & spreaders	514 769+
Engine combined generally	60			<b>Fungistatic</b>	
Engine internal combustion combined	123 495+			Compositions	424
Fuel injection	123 445			Funnel	141 331+
Rotary piston	123 200+			Chemistry lab apparatus	422 99
Liquid fuel nozzle generally	239			Dispenser with funnel type outlet	222 460+
Solid fuel burners combined	110 101 R+			Dispenser with separable	141 343
With combustion feature	431			Household article design	D07 700
Gas				Liquid level or depth gage having	73 294
Distribution	48 190+			Milk receptacles with funnel	
Automated	705 413				

Class Subclass		Class Subclass		Class Subclass	
filler	232 43	Resistance furnace device	373 113+	<b>Furoic Acid</b>	549 484+
Supports for	248 94	With condensers	373 56+	<b>Furring (See Studding)</b>	52 474+
<b>Fur (See Pelts)</b>		Zone melting	373 17+	Settable material backer	52 344+
Artificial	428 85+	Electron beam	373 10+	<b>Furrower</b>	172
Cape design	D02 832	Zone melting	373 17	Furrow followers	280 776
Coat design	D02 832+	Fluid fuel burner in	431 159+	Irrigation dam former	172 233+
Collar	D02 602+	Solid fuel combined	110 260+	Planting drill	111 149+
Cutting	83 915*	Fronts	110 172	Roller combined	172 176
Fluid treatment	8 94.14	Fuel feeders	110 101 R+	<b>Furyl Compounds</b>	549 429+
Dyeing	8 404+	Gas scrubbers	261 DIG. 9	Azo compounds	534 751+
Garments	2 65+	Gases		<b>Fuse</b>	
Design	D02	Combustion air heating	110 303	Ammunition and explosive device	102 200+
Leather manufactures derived from		Heating boiler feed water	122 420+	Blasting	102 200+
furs and related processes	69 23+	Power plant water heating	60 669	Cordeau detonant	102 275.1+
Neckwear design	D02 601+	Glass		Mine	102 424+
Receptacles for	206 11	Annealing	65 349+	Mine marine type	102 416+
Scarf or muff hangers	223 97	Electric	373 27+	Combined with fuel	44 519
Sewing machines	112 16+	Melting	432 195+	Condition, electric signal	340 638+
Treating apparatus	69 23+	Melting and refining	65 347	Cutter blasting	86 22
<b>Furan</b>	549 505	Pot type	432 156	Electric	D13 161
<b>Furfural</b>	549 483	Hazardous waste destruction	588 300+	Box	D13 178
<b>Furfuramide</b>	266 144	Incinerator	110 235+	Connector combined	337 187+
<b>Furling</b>	114 104+	Liquid heating or evaporating		Thermal	337 401+
<b>Furnace (See Heat)</b>	110	Air heater combined	126 101	Thermal current	337 142
Absorber with manually adjustable		Concentrators	159	Electrophotographic fixation	399 320+
shading means	126 703	Cooking stove combined	126	Fusible elements	169 42
Arc	373 60+	Fireplace combined	126 513+	Building structures combined	52 232
Ash receiving and handling devices	110 165 R+	Open type	126 344+	Housing or mounting assembly	174 521+
Automatic temperature control	236	Pressure generating boilers	122	With electrical component	
Bessemer converter	266 243+	Melting	266 200+	or device	361 837
Boiler controlled		Metallurgical		Making	493 948*
Air or steam feed	110 188	Apparatus	266	Measuring and testing timing	
Fuel feeder	110 103	Processes	75	apparatus	73 1.42+
Stoker	110 186+	Miscellaneous heating	432	Operated	
Car type	432 241	Nuclear	376 366	Alarm	116 106
Charge conveyor within	414 150+	Open hearth	432 159+	Safety devices for fire	
Charging and discharging	414 147+	Pots	432 262+	extinguishers	122 504.3
Distillation apparatus	202	Powdered fuel burning		Safety devices for liquid	
Metal charge	75 303+	Fluid fuel combined	110 260+	heaters and vaporizers	122 504.1
Shaped	428 576	Fuel feeders	110 104 R+	Stove and furnace dampers	126 287.5
Checker brick	165 9.1+	Furnace structure	110 263+	Proximity	102 211+
Chemical reaction	422 198+	Puddling	266 203	Puller tool	81 3.8
Coke	202 215+	Recuperator	432 179	Setters, ordnance	89 6+
Collector includes roof		Regenerative	432 180	<b>Fused Cell Formation</b>	435 449+
shingles or tiles	126 622	Sawdust refuse and wet fuel	110 235+	<b>Fusee</b>	102 358
Cremating	110 194	Feeders	110 102	<b>Fuselage</b>	
Cupola	432 95+	Stoves	126 222+	Aircraft construction	244 119+
Metallurgical	266 197+	Shaft	432 95+	Lifting type	244 36
Metallurgical, x-art	266 900*	Metallurgy	266 197+	<b>Fusible</b>	
Design	D23 329	Smokestacks	110 184+	Boiler safety control	122 504.1
Distilling and combustible gas		Solid fuel burning	110	Fire extinguisher	122 504.3
generating		Stoves	126	Bolt or nut, in bolt or nut to	
Burning combined	110 229+	Spark and smoke conductors	110 145+	substructure lock	411 171
Gas generators	48 61+	Spark arresters	110 119+	Connections	169 42
Mineral oil vaporizing	208 347+	Stokers	241 600*	Metal, in bolt to nut lock	411 257
Stills	202 81+	Stoves & furnaces	126	Plugs for automatic fire	
Doors	110 173 R+	Toxic waste destruction	588 300+	sprinkler heads	169 37+
Draft regulators	110 147+	Tuyeres	110 182.5+	Receptacle attachment	220 89.3
Electric	373	Wall manufacture and repair	264 30	Sensor signal system	340 590+
Arc furnace	373 60+	<b>Furniture</b>		Stove damper release	126 287.5
Electron beam	373 10+	Beds	5	Switch	337 401+
Zone melting	373 17	Cabinets	312	Thermal current element	200
Glass furnaces	373 27+	Chairs and seats	297	Thermal current heater	337 182+
Glow discharge	373 26	Design	D06	Thermometer	374 106
Induction furnaces	373 138+	Doll or toy	446 479+	Valve operator	137 72+
Channel	373 162	Design	D21 519+	Valves and controllers	222 54
Core-type	373 159	Dry closet combined	4 465+	Fire extinguisher	169 19+
Coreless	373 151	Education features combined	434 432	Ventilator cowl release	454 28
Lining	373 164+	Fire escape combined	182 35+	<b>Fusion (See Melting)</b>	
Making of lining	264 30+	Folding table	108 167	Bonding apparatus	228
Zone melting	373 139	Illuminator combined	362 127+	Coating combined	427 375
Pressure and vacuum furnace	373 60+	Insect trap combined	43 109	Separation combined	422 285+
Arc with internal atmosphere		Music cabinet	84 DIG. 17	Sulphur	423 567.1
control	373 68	Picture frame combined	40 727	<b>Fusion Bonding</b>	
Furnace body detail	373 71	Polish	106 3+	Glass preforms of	65 36+
Resistance furnace	373 109+	Protector or cover	D06 610+	Apparatus	65 152+
Wall cooled furnace		Racks and stands for	211 27	Of joints	285 21.1+
Arc furnace device	373 75+	Ship furniture as life raft	441 125+	<b>Fusion Nuclear Reactors</b>	376 100
Induction core-type	373 165	Ships	114 188+	<b>Fuzzy Logic</b>	
Induction coreless	373 158	Store design	D06	Applications	706 900*
Induction furnace device	373 138+	Toy	D21 519+		