

Class Subclass		Class Subclass		Class Subclass	
Oar		Gas making	48 61+	Cutting closing combined	493 199+
Design	D12 215	Glyceride	554 1+	Refolding combined	493 244+
Lock	440 106+	Lamps	431 298+	Web forming cutting closing	493 199
Oast	432 120+	Leak collection	405 60	X-art	493 963*
Oatmeal Making	241	Lubricating	D09 682+	Bottle or jar	
Objectives		Mineral oil only	208 18+	Cap	215 295+
Photographic	359 642+	Refrigerant or energy exchange combined	252 68	Stopper in combination	215 228
Telescope and microscope	359 656+	Mineral	208	Stopper removal facilitated	215 295+
Oboe	84 380 R+	Oil water skimmers	210 242.3	Can cutter	30 400+
Observation Boat	114 66	Paints	106 253+	Closure opener combined	7 152+
Obstacle Controlled or Operated		Spill containment	405 60+	Combined	7 152+
Tire pump element	152 423+	Stone	451 554	Can or bottle	D08 33
Vehicle step, pivoted	182 91	Synthetic resin ctg fatty acid triglycerides (see synthetic resin or natural rubber)		Closure metallic receptacle	220 260
Spring biased	182 89	Testers	73 61.71+	Closure remover	81 3.07+
Obstetric Appliances		Toilet	4 DIG. 11	Combined	7 151+
Embryotome	606 126	Transformer	252 570+	Pliers combined	7 126+
Exercising	601 45	All-hydrocarbon	585 6.3+	Envelope	83 912*
Forceps	606 119+	Vulcanized factice	106 249	Cutters	30 233
Instruments	606 119+	Water gas	48 84	Inkwell pen actuated	15 257.075
Receptor	604 317+	Well	166	Oyster	452 13+
Tractors	606 119+	Drilling	175	Paper	
Ocarina	84 380 R	Heaters electric	392 301+	Bag with tear strip	383 200+
Occult Blood	436 66	Strainer making	29 6.01+	Box with tear strip	229 200+
Occupational Training	434 219+	Oil Shale		Carton or box	30 2
Ocean Thermal Energy Conversion, Oteac	60641.7	Distillation	201	Envelope with tear strip	229 307+
Octane (See Paraffin Hydrocarbon)		Mineral oil from	208 400+	Parachute	244 149
Production by alkylation	585 709+	Oiler and Oiling (See Lubrication)		Railway coupling knuckle	213 115+
Octave		Abrading	451 554	Textile fiber	19 80 R+
Couplers for pianos	84 235	Conduit in drill bit	408 57	Wood box	408 53
Couplers for pipe organs	84 340+	Cutter	83 169	Opening of Hydrocarbon Ring	585 940*
Couplers for reed organs	84 373	Die screw	408 56	Opera Glass	
Octode Converter	313 300	Dispenser	222	Holders	359 409+
Octopus		Flow meter	73 280	Optics	359 795
Processing for food	452 12+	Heat exchange control	165 200+	Operations Research Computerized	705 7+
Odometer	235 95 R+	Oil cup closure	184 88.1+	Resource allocation, scheduling	705 8
Combined with electrical speed indicator	324 166	Saw	83 169	Operator	
Computerized	705 417	Saw guide	83 169	Aircraft control	244 75.1+
Design	D10 70	Street	239 146+	Automatic	74 2+
Speedometer	116 62.1	Textile processing compositions	252 8.81+	Cabinet component	312 319.1+
Odorizer	48 195	Textile weaving	139 45	Fluid pressure	312 319.5+
Gas & liquid contact apparatus	261 DIG. 17	Waste	384 181	Chair	
Odor release material	428 905*	Wrench combined	81 2	Rocking	297 260.1+
Office Equipment		Ointments	424	Swinging	472 85+
Desk type name plate	D20 15	Oldham Coupling	464 102+	Clutch	192 82 R+
Machines	D18	Oleandromycin	536 7.2+	Coin operated toy money box	446 8+
Machine cabinets	D18	Olefins	585 16+	Control lever	
Miscellaneous, design	D19 65+	Alcohols by hydration of	568 895+	Hand operated	74 491+
Photocopy machines	D18 36+	Dismutation	585 364	Knee operated	74 515 R+
Offset		Esters from	560 243+	Controlled guard mechanism	74 616
Metal bending	72 386+	Hydrohalogenation of	570 246+	Dial	74 10 R+
Printing	101 130+	Mineral oils	208	Display control	345 501+
Offshore		Polymerized solid (see synthetic resin or natural rubber)		Dumping vehicle	
Platform	405 195.1+	Purification	585 800+	Sliding and tilting	298 14+
Floating	114 264+	Synthesis	585 500+	Tilting	298 19 R+
Well	166 335+	Oleic Acid	554 223+	Elevator	
Offtake		Oleomargarine (See Margarine)		Car brake	187 351+
Distillation	202 254+	Oleoresin	530 204	Door	187 316+
Flue boiler feed heater	122 421	Oligomers, Hydrocarbon	585 17+	Manual control mechanism	187 306+
Furnace shaft	266 159	Synthesis	585 502+	Extension ladder	182 208
Ventilating hood	454 49+	Oliver Hammer for Forging	72 445	Lazy tong	182 158
Ohmmeter	324 691+	Omnibuses (See Vehicle)		Figure toy	
Oil (See Particular Type)		One Shot Motor	60 632+	Figure support operated	446 360
Burners (see notes to)	239	One-Arm Bandit	D21 370	Link operated	446 359+
Nozzles (see notes to)	239	Onion		Platform operated	446 352
Retort	431 206+	Planters	111 910*	Illumination	
Burnishing	29 89.5	Onium Compounds	260	Dirigible light supports	362 37+
Can	220	Antimony	556 64+	Lantern globe	362 174+
Cutting spouts	222 81+	Arsonium	556 64+	Switches and valves	362 394
Design	D23 211	Dyes containing	8 654	Insect traps	43 110
Dispensers	222	Organic acid amine addition	562 625+	Multiple brake	188 105+
Resilient wall	222 206+	Oxonium	568 557	Pump operating means tires	152 419+
Cutting	508 110+	Phenol amine addition	564 260	Railway	
Distributor		Primary aromatic amines	564 305+	Draft coupling	213 211+
Ammunition and explosive device	102 366	Pyridinium	546 347	Turntable	104 36+
Buoys	441 34	Quaternary ammonium	564 281+	Register	235 91 R
Fluid breakwater	405 22	Quinolinium	546 182	Fare	235 44+
Harbor installations	405 22	Sulfate esters	558 20+	Platform operated	235 99 R
Wave or ships hulls	114 232+	Sulfonium	568 18+	Stove or furnace	126 169
Edible	426 601+	Wetting agents	516 9+	Switch multiple circuit	200 17 R+
Preservation	426 330.6+	Onyx	63 32	Ophthalmic Lenses or Blanks	351 159+
Emulsions	516 9+	Pendants	63 13	Light filtering	351 163+
Essential	512 5	Opacifiers	106 312	Multifocal	351 168+
Filters	210 348+	Open Work (See Grille)		Ophthalmometers	351 200+
Fuel entering nozzles or float chamber	261 DIG. 40	Building component	52 633+	Objective testing	351 205+
In closed circulating system	210 167.01+	Decoration	428 542.6	Subjective testing	351 222+
Fuel	44	Opener and Opening Device		Ophthalmoscope	351 205+
Burner nozzle (see notes to)		Bag opening	493 309+	Optim Alkaloids	546 44+
Burner solid fuel combined	110 260+	Closing combined	493 255+	Optics & Optical	359
Mineral oil only	208 15+			Alignment testing	356 138+
Gages on lamp stands	431 13			Article molding	264 1.1+
				Attenuator	
				With photocell	250 227.11

Class Subclass		Class Subclass		Class Subclass	
Coatings	359	Ore Treatment	75	Cutter with	99 549
Delay line		Actinide series compound	423 249+	Earth boring tool parts	175 85
With photocell	250 227.11	Apparatus	266 168+	Furnace charger bucket	414 153
Design	D16 100+	Beneficiating ores	423 1+	Tool driving or impacting device	173 39
Device		Briquetting	75 746+	Vehicle load body	414 383+
Photo process making	430 321	Comminutor	241	Well drills	
Equipment design	D16	Detector (see prospecting)		Bore deflection	175 61
Eye examining	351	Dressing classifying	209	Control by electrical	
Fiber bundle	385 115+	Extracting metal compounds from	75	communications system	340 853.3+
Fiber optics	358 901.1*	ores by wet processes	75	Formation logging	73 152.01+
With tv camera	348 359	Organ and Organette		Inclinometer	33 365+
With video display	348 804	Automatic wind organettes	84 92	Whipstocks	166 117.5+
Fiber rods	385	Automatic wind organs	84 84+	Orifice in Conduit	138 40+
Filter		Barrel	84 86	Cabinets with	312 204
Compositions	252 582	Chord organs	84 DIG. 22	Orlon T M (Polyacrylonitrile)	526 341
Laminated	359 890	Computer organs	984 388+	Ornaments and Ornamental Devices	
Frequency converter, quasi-optical	359 326+	Coupler		Aquarium	119 253+
Illusion	472 57+	Automatic organ	84 168	Bedpost	5 281
Amusement railway	104 84	Pipe organ	84 340+	Block molds	425 412+
Thaumatrope	446 244	Reed organ	84 373	Building construction	52 311.1+
Zoetrope	352 101	Design	D17 5	Candles	431 125
Image projectors	353	Electric		Chain	59 80+
Instruments (see type of instrument)		Action of wind pipe organ	84 337	Design	D11 13
Design	D16 130+	Coupers of wind pipe organ		Coating non-uniform	427 256+
Distance	33 707	actions	84 341	Electroforming	205 72
Integrated circuit	385 14	Electropneumatic action of		Electroplating	205 120+
Layered recordable media	430 270.11	automatic organ	84 88	Elements superposed	428 77+
Measuring & testing	356	Electropneumatic action of		Fountains	239 17+
Measuring or testing instrument	D10 46+	wind pipe organs	84 338+	Harness	54 76
Medical instrument, fixed	D24 172+	Electropneumatic swells of		Heating stove	126 219
Medical instrument, portable	D24 150+	wind pipe organs	84 347	Illuminated, x-art	362 806*
Motion pictures	352	Generation of electric tones	84 600+	Figure	362 808*
Optical(ly) active compounds	359	Piano combined with organ	84 172	Imitation candle	362 810*
Racemisation of	359	Pipe organ nonautomatic	84 331+	Psychedelic light	362 811*
Separation of	359	Pipes	84 349+	Star	362 807*
Producing-elements from	359	Pipes	984 11+	Terrestrial globe	362 809*
plastics or substances in a	359	Reed organ nonautomatic	84 351+	Jewelry	63 20
plastic state	359	Reeds	84 363+	Design	D11 1+
Semiconductor, coupling to	323 902	Trackers and sheets for		Layer sectional	428 44+
Sensing apparatus	435 808*	automatic organs	84 148	Layer varying thickness	428 156+
Surveyors instrument	D10 61+	Organic Compounds (See Carbon)	260	Lighting & illumination	362 806*
Systems & elements	359	Preparation by wave energy	204 157.15+	Metal ornamenting	29 DIG. 30
Teaching	434 303	Single-crystal growth processes	117	Paper box	229 116.1
Thin film optical waveguide	385 130+	Solid-state devices	260	Photographic process	430 269+
Transmission cable	385 100+	using organic materials	260	Plant beds	47 33
Vision testing & correction	351	Organization, Automated		Seasonal or religious	D11 121+
Chemical analysis, apparatus	422 82.06	Client request processing	705 8	Shoe	2 245
Fluorescence	422 82.07	Finances		Special occasion	428 7+
Waveguide connecting means	385 53+	Forecasting	705 10	Stitched	112 439
Waveguide coupling means	385 15+	Financial portfolio, automated	705 36	Textile cloth	26 69 R
Optode or Optrode		Inventory	705 28	Napping	26 30
Chemical analysis, apparatus	422 82.06	Itemization	705 29	Shearing	26 16
Fluorescence	422 82.07	Projects	705 7	Vehicle body	428 31
Optometer		Resources	705 8	Wall decoration	D11 131+
Objective testing	351 200+	Staff time	705 9	Orthicon Cathode Ray Tube	313 373+
Subjective testing	351 222+	Organo Sol (See Sol)		Television system using	348 329
Orange Peel Bucket	37 182	Organometallic Compounds	556 1+	Orthodontic Devices	433 2+
Orchard		Acetylacetonates	556 40+	Appliance making	29 896.11
Heating stoves	126 59.5	Additives for plastics	556 1+	Implements	433 3+
Mobile sprayer or duster	239 77+	Anthraquinones	552 209	Orthopedics	
Plant husbandry	47	Anti-fouling paints use	556 1+	Ankle supports and braces	602 65
Design	D08 1	Azo compounds	534 692+	Skates with	280 11.36
Orchestrion		Azoles	548 101+	Appliance	D24 190+
Combined with other instrument	84 170	Azomethines	556 32+	Arch supports	36 71
Rotating pin cylinder type	84 95.1	Diazines	544 225+	Boot or shoe	36 140+
Order Apparatus		Diazo compounds	534 562	Cortical plate	606 280+
Facsimile	358 400+	Explosives containing	149 23+	Implant	D24 155
Food, automated	705 15	Fibers or fibrous goods treatment	556 1+	Pressure distribution testing	73 172
Planographic scribe	33 23.01+	Higher fatty acid salts	554 71+	Shoe making	12 142 N
Ordnance (See Ammunition; Firearm; Gun)		Macromolecular	556 1+	Miscellaneous parts	12 146 M
Automatic	89 125	Oxazines	544 64	Shoe pads	36 71
Barrels	89 14.05+	Pesticides or herbicides use	556 1+	Spinal positioner/stabilizer	606 246+
Bomb, flare & signal dropping	89 1.51+	Phosphorus containing	556 13+	Surgical	36 140+
Breech closures	89 17+	Protein containing	530 400	Orthoquinones	552 291
Cartridge feeding	89 33.01+	Pyridine nucleus containing	546 2+	Oscillation Circuit	
Control data	235 375	Radioactive metal containing	534 10+	Generator	331
Explosion opened breech	89 4.05+	Stabilization	556 2+	Therapeutic treatment type	607 76
Firing devices	89 27.11+	Thiazines	544 4	Oscillator	331
Electric	89 28.05+	Thiocarbamates	556 38+	Audio	331
Fuse setters	89 6+	Triphenylmethanes	552 103	Coil electric	336
Loading	89 45+	Orthier Knot Fabrics	139 400	Electronic	331
Machine guns	89 9	Looms	139 4+	Hartley type	331 170
Making	89 14.7	Oriented-Crystal Growth Processes	117	Transistor	331 108 R
Measuring and testing	73 167	Coating apparatus	118	Multi phase	331 45
Mounts	89 37.01+	Non-coating apparatus	117 200+	Tuned circuit for	334
Pneumatic	89 7+	Orienter and Orienting (See Turner)		Feed conveyor, oscillating-type	209 921*
Recoilless gun	89 1.7+	Antenna	343 757+	Laser beam applications	
Rocket launching	89 1.8+	Article dispenser	221 156+	Logic gate active element	331 DIG. 3
Shields	89 36.01+	Article reorienting device	414 754	Phase locked loop having locd	
Sights	42 111+	Cleaning apparatus	134 43	indicating or detecting means	331 DIG. 2
Submarine	89 5	Conveyor article on	198 373+	Tetrode	331
		Conveyor guide	193 44	Time measurement	968 844+

Class Subclass		Class Subclass		Class Subclass	
Oscillographs (See Oscilloscope)					
Cathode ray tube circuits	315 1+	Decanter and filter	210 299+	Acyclic acid production	562 542+
Cathode ray tube structure	313 364+	Down surface of liquid heater	126 359.1	Anthracene	552 208
Design	D10 76+	Filling portable receptacle	141 115	Aromatic acid production	562 408+
Electrical quantity measurement	324 97	Gas and liquid contact baffle	261 114.1	Aromatic to acid anhydrides	549 231+
Cathode ray type	324 121 R	Open top liquid heating vessel	126 383.1+	Electrolytic	205 462+
Facsimile systems	358 296+	Sink or bath	4 680+	Electromagnetic	204 157.15+
Photographic recorder	346 107.3+	Textile machine	68 208	Electrostatic	204 169
Plural function recorder	346 45+	Trough	261 DIG. 44	Mineral oil	208 3+
Steam engine indicator	346 3+	Water closet		Nonaromatic mixtures	568 950+
Oscilloscope (See Oscillograph)					
Cathode ray tube system	315 1+	Outlet valve	4 390+	Preparing acyclic aldehydes	568 469.9
Chemical analysis, apparatus	422 82.08	Outlet valve float	4 395+	Preparing acyclic carboxylic acids esters	560 241.1
Expanded scale	324 131	Siphon bowl	4 427+	Preparing acyclic carboxylic acids	562 512.2+
Cathode ray	324 121 R	Water control gate	405 101	Preparing acyclic hydroxy ctg compounds	568 910.5
Meter	324 97	Overlaps	2 121	Preparing acyclic ketones	568 398.8
Cathode ray type	324 121 R	Overload		Preparing fats, fatty oils, ester-type waxes or higher fatty acids	554 132+
Television	348 325+	Automatic weighers	177 82	Olefines to epoxy compounds	549 523+
Tube structure	313 364+	Fluid receptacle filling devices	141 115+	Liquid purification	210 758+
Osmium					
Alloys	420 461	Relay		Sewage treatment	210 601+
Hydrometallurgy	75 711+	Electric trips	335 21+	Metallurgy	75
Pyrometallurgy	75 631	Thermal current trips	337 70	Metals	23
Osmosis (See Desalting Seawater)					
Osones or Osozones	536 1.11+	Thermal trips	337 356+	Surface	148 284+
Osteal Adjuster	606 237+	Release		Nonmetals	23
Otec, Ocean Thermal Energy Conversion	60641.7	Comminution apparatus	241 32	Resins natural	530 200+
Otoscope	600 200	Earthworking implements	172 261+	Oxides	
Otterboard, Trawl Net Type	43 9.7	Bulldozer	172 816	Heat producing compositions	149 37+
Ottoman	297 462	Hydraulic control	172 260.5	Iron	423 632
Outboard Motor	440 53+	Elastic couplings ships	114 217	Magnesium	423 635
Container or package for	206 319	Flexible shaft couplings	464 30+	Metal	423 579
Outer Garment	2 115+	Motor vehicle trains	180 14.5	Alkali	423 594.15
Outlet					
Box		Pitmans and connecting rods	74 584+	Alkali earth	423 583
Digest	33 DIG. 10	Planetary gearing	475 263+	Nitrogen	423 400+
Electric conduit	174 50+	Plows	172 261+	Combustion control	60 900*
Electric connector	439 892+	Snow plows	37 232+	Electrostatic	204 179
Electric junction box	220 3.2+	Tools	81 467+	Phosphorus	423 304
Support	248 906*	Torque responsive clutches	192 56.1+	Sulfur	423 512.1+
Conduit wiring	439 207+	Trailer couplings	280 449+	Titanium	423 608
Support	248 27.1+	Stop	192 150	Electrosynthesis	205 538
Cover or escutcheon plate	D08 350+	Spring wheels	152 18	Oxidized Hydrocarbons of Undetermined Structure	
Decanter	210 109+	Support movable or disengageable on impact or overload	248 900*	Structure	568 959
Distillation vapor	196 136	Overshoes		Oximes	564 253+
Drinking fountain		Horse	168 1+	Acyclic	564 268
Catch basin	239 28+	Design	D30 146+	Alpha oxy or oxo	564 258
Faucet combined	239 25+	Mens	36 7.1 R+	Aromatic	564 265+
Muffler	181 238	Design	D02 896+	Cyclohexanone	564 267
Nozzle	239	Pocket	D02 857	O-carbamoyl	564 255
Outlet plug	D13 137.1+	Overthrow Preventer	235 131 R	O-esters	564 254+
Pneumatic stacker tube	406 154+	Overwinding Preventer		O-ethers	564 256+
Pressure control		Clocks electrically wound	968 443+	Preparation	564 259+
Fluid pressure brake	303 59+	Spring motor combined	185 43	Oximeters	356 41
Fluid pressure regulator	137 505+	Plural motors	185 13	Design	D24 169
Smoking device stem	131 229	Watch or clock key combined	81 467	Ear attached	600 340
Sprinkler pipe	239 266+	Watches combined	368 209	Oxindole	548 484+
Stratifier	209 494	Weight motor combined	185 35	Oxirane	8 DIG. 8+
Supply outlet for sink or bath	4 675+	Ox		Oxolinic Acid, in Drug	514 291
Ventilation		Shoe	168 5	Oxonium	568 557
Building	454 339+	Making	59 70	Oxy Containing Carboxylic Acid Esters	
Cowl	454 3+	Yoke	54 77	Acyclic	560 179+
Vehicle	454 69+	Oxacillin	540 327	Alicyclic	560 126
Wall mounted electric conduit	174 490	Oxadiazoles, 1,2,3-	548 125	Aromatic	560 55+
Water closet valve		Oxadiazoles, 1,2,4-	548 131+	Oxyacetylene Gas Torches	239 398+
Siphon	4 368+	Oxadiazoles, 1,2,5-	548 125	Oxychlorid	423 462
Valve	4 378+	Oxadiazoles, 1,3,4-	548 143+	Cement	106 685+
Water closet ventilation	4 218	Oxalic Acid	562 597	Oxygen	423 579+
Outriggers					
Awning type		Oxazines	544 63+	Blood oxygenators	261 DIG. 28
Multipart	160 78+	Bio-affecting & body treating composition	514 228.8+	Electrolytic synthesis	205 633+
Rigid	160 83.1	Oxazoles	548 215+	Generative composition	252 186.1+
Swinging	160 81+	Oxazoles, 1,2-	548 240+	Liquefaction	62 606+
Vehicle	280 763.1+	Oxazoles, 1,3-	548 215+	Mask	128 205.25
Crane	212 301+	Oxazolidones	548 225+	Rings	549 200+
Outsoles	432 120+	Oxidants		Azo compound containing Oxazine	534 751+
Ovens and Accessories (See Heat)	432 120+	Bound solid fuel	44 558	Oxazole	548 215+
Coke	202 81+	Oxidation (See Substance Produced)		Sulfurized	549 200+
Cooking	126	Absorbent regeneration	502 20+	Tent	128 205.26
Design, household	D07 348+	Alcohols		Tests for determining	
Design, special use	D15 144.1	Acyclic ketone production	568 402	Biochemical oxygen demand, bod	436 62
Distilling	202	Aldehyde production	568 471+	Chemical oxygen demand, cod	436 62
Drying	34	Carboxylic acid production	562 418+	Total oxygen demand, tod	436 62
Electric	219 391+	Aldehydes to produce acids	562 418+	Oxhalogenation of Hydrocarbons	570 224
Lights	362 92	Bleaching (see bleaching)	531+	Oxysulfate	106 683+
Overalls					
Nether type	2 227+	Carbon monoxide	423 418.2	Oxytocin	530 315
Union type	2 79	Compositions	252 186.1+	Oyster	
Overcoat	2 85+	Compounds for	149 119*	Culturing	119 234+
Overcoming Dead Center	74 36	Dyeing	8 649	Dredger	37 315+
Overflow					
Conneyer art	198 954+	Oxidizable dyes	436 904*	Opener	452 13+
		Electrolytic	205	Scoop	37 315+
		Fermentative	435	Scoop	37 411
		Glyceride oils	554 132+		
		Purification by	554 181+		
		Hydrocarbons			

	Class Subclass		Class Subclass		Class Subclass			
Ozone	423	581	Liquid purification	210	760	Gas & liquid contact apparatus	261	DIG. 42
Electrostatic field or electrical			Preliminary manufacture	210	192	Inhaler	128	202.25
discharge synthesis	204	176	Ozonides	549	430+	Process	62	78
Generators	422	186.07+	Ozonizer			Refrigeration combined	62	264
Food treatment	426	236	Electromagnetic wave energy or	422	186.07+			