

Class Subclass		Class Subclass		Class Subclass	
H Acid	562 71	Design.....	D28 39+	Design.....	D08 75
Habitat, Aquatic Animal		Dispenser.....	132 332	Drop forging.....	72 435+
Crustacean.....	119 207+	Hat fastener cord or loop and.....	132 61	Earth boring tool combined.....	175 135
Fish.....	119 220+	Making.....	140 87	Firearm.....	42
Mollusk.....	119 238	Packaging.....	227 25	Forging.....	72 476+
Habitat, Submarine	114 314	Half Belts	2 309	Heads for piano actions.....	84 254
Hack Saw	30 507+	Half Wave		Impact clutch type.....	173 93.5
Combined.....	7 149+	Gas rectifier.....	313 567+	Implement combined.....	81 463+
Design.....	D08 96	With hot cathode.....	313 629	Awl or prick punch.....	30 358+
Hanging.....	83 783+	High voltage rectifier.....	313 317+	Internal combustion charge igniter rocking electrode.....	123 157
Hackling		With emissive cathode.....	313 310	Leather compacting.....	69 1
Combing.....	19 115 R+	With thermionic cathode.....	313 310	Magazine.....	227 133
Decorticating.....	19 5 R+	Rectifier system.....	363 13+	Making	
Hacks Tree	30 121	Circuit interrupter for.....	200	Forging dies for.....	72 470+
Haemocytometer	356 39	Dynamolectric machine.....	310 10+	Processes of.....	76 103
Testing lenses.....	356 124+	Electronic tube for.....	313 317+	Metal bending.....	72 462+
Hair		Gas tube type.....	363 114+	Mills.....	241 185.5+
Artificial furs.....	428 85+	Power packs.....	307 150	Parallel material flow.....	241 138
Artificial structure.....	132 201	Vacuum tube type.....	363 114+	Perforated discharge.....	241 86+
Astringent (non-dye).....	424 70.8	With filter.....	363 39+	Process.....	241 27
Beauty parlor equipment.....	D28 10+	With voltage regulator.....	363 84+	Series material flow.....	241 154
Brush.....	15 160+	Halftone		Musical instruments	
Carried hat fasteners.....	132 60	Blanks and processes printing.....	101 401.1	Piano.....	84 236+
Clippers.....	D28 52+	Engraving.....	358 3.3	Stringed instrument.....	84 323+
Coating compositions.....	106 124.8+	Etching.....	216 72	Tuning.....	84 459
Coloring.....	424 70.6	Etching.....	216 95	Nut cracker.....	30 120.1
Compositions.....	424 70.1+	Photographic process.....	430 396	Pile driver.....	173 90+
Curlers		Photographic screens.....	359 893+	Punching machine.....	83
Curling iron.....	D28 38	Chemically defined.....	430 6+	Riveting.....	72 476+
Electrically heated.....	219 222+	Printing.....	358 3.06+	Road rammer.....	404 133.05
Fluid fuel heated.....	126 408+	Printing plates.....	101 395	Rock drilling.....	175 135+
Cutters.....	30	Halides (See Material Halogenated)		Rod encircling type.....	81 27
Design.....	D08 57	Hydrocarbon.....	570 101+	Saw stretching machine.....	76 26
Design clippers.....	D28 52+	As azeotropes.....	203 67	Scale removing.....	29 81.15
For inside ear or nose.....	30 29.5	Electromagnetic wave synthesis.....	204 157.15+	Shoe lasting stretcher and.....	12 109
Hair planers.....	30 30+	Electrostatic field or electrical discharge synthesis.....	204 169	Stoneworking combined.....	125 6+
Drying on head		Metal.....	423 462+	Impact tools.....	125 40
Apparatus.....	34 96+	Electrolytic synthesis.....	205 498+	Tool driving.....	173 90+
Processes.....	34 283	Nitroaromatic.....	568 927+	Tube cleaner inside.....	15 104.07
Supports for.....	34 101	Nonmetal inorganic.....	423 462	Tuning for pianos.....	84 459
Dye applicator.....	D28 7+	Organic acid.....	562 800+	Typewriter	
Dyeing and dyes.....	8 405+	Rubber hydrohalide.....	525 332.3	Bar.....	400 388+
Fasteners.....	132 273+	Hall Effect Means in an Amplifier	330 6	Key wheel.....	400 154+
Design.....	D28 39+	Haloamines	564 114+	Welding.....	228 24
Fertilizer from.....	71 18	Acyclic.....	564 118+	Woodworking.....	81 20+
Hairpiece.....	D28 92+	Hydroxy or ether containing.....	564 119	Hammock	5 120+
Inserters.....	606 187	Plural difluoramime groups.....	564 121+	Berth.....	105 320
Jeweled fastener.....	63 33	Unsaturated.....	564 120	Design.....	D06 386+
Mascara (non-therapeutic).....	424 70.7	Alicyclic.....	564 117	Swing.....	297 277
Net.....	132 274	Amidines.....	564 116	Hamper or Basket	D32 37
Permanent waving or straightening.....	424 70.2	Halogen Compounds (See Material Halogenated)		Laundry.....	D32 37
Pins (see hairpins).....	132 276+	Halogenated Carboxylic Acid Esters	560 1+	Hand	
Planers.....	30 30+	Acyclic acid esters.....	560 226+	Article manipulated by mechanical hand-like movement.....	414 1+
Removing (see notes).....	30 32	Of phenals.....	560 145	Artificial.....	623 57+
Burial preparation.....	27 21.1+	Acyclic amino acid esters.....	560 172	Baskets.....	217 122+
Butchering.....	452 71+	Acyclic carbamic acid esters.....	560 161	Checker radioactivity.....	250 336.1
Coarse or water hair from fur.....	69 24+	Acyclic oxy acid esters.....	560 184	Miscellaneous.....	250 336.1
Cutters for inside ear or nose.....	30 29.5	Acyclic polycarboxylic acid esters.....	560 192	Scintillation type.....	250 361 R+
Depilating untanned skins.....	8 94.16	Acyclic unsaturated acid esters.....	560 219	Clock and watch.....	368 228
Depilatories.....	8 94.16+	Alicyclic.....	560 125	Clock and watch.....	968 142+
Electric needle.....	606 44	Aromatic amino acid esters.....	560 47	Design.....	D10 127
Electric needle supports.....	606 44	Aromatic carbamic acid esters.....	560 30	Coverings.....	D02 610+
Fiber liberating.....	19 2	Aromatic polycarboxylic acid esters.....	560 23	Doll.....	446 327+
Fur treatment.....	69 24+	Oxybenzoic acid esters.....	560 65	Dryers electric.....	392 380+
Razors.....	30 32+	Phenoxyacetic acid esters.....	560 62+	Design.....	D28 54.1
Surgical instruments.....	606 222+	Halohydrin	568 841+	Electric applicators.....	607 145+
Tweezers.....	606 133	Halothiocarbonate Esters	558 249	Exercising appliances.....	601 40
Shampoo compositions.....	510 119+	Halowax	570 181	Gloves mittens and wristlets.....	2 158+
Conditioning.....	510 119+	Halter		Design.....	D02 617+
Medicated.....	514	Brassiere type garment.....	450 1+	Grips (see handle)	
Shampoo other than for cleansing or therapeutic.....	424 70.1+	Feed bags supported on.....	119 66	Blotter.....	34 95.2
Shampooing apparatus.....	4 515+	Harness.....	54 24+	Bowling ball.....	473 127+
Shearing, fur finishing.....	26 15 R+	Design.....	D30 134+	Coating implement with material supply.....	401 6+
Thinning shears.....	30 195	Poke with bar and.....	119 758+	Crutch hand hold.....	135 72
Springs.....	368 175+	Snap releasers.....	119 776	Golf club.....	473 300+
Strand making		Hamburger		Hand wheel rim.....	74 558
Covering by spinning etc.....	57 4	Cookers.....	99 422	Handle bar.....	74 551.9
Spinning etc.....	57 28+	Grinders.....	241	Penholder.....	15 443
Synthetic resin or natural rubber containing compositions.....	524 12	Molding and shaping (see briquetting meat)		Rein holds.....	54 74
Textile spinning etc.....	57 29	Hames	54 25+	Ski pole.....	280 821+
Thinners.....	30 195	Collar combined.....	54 18.1+	Tennis racket.....	473 549+
Design.....	D28 52+	Design.....	D30 137	Wrench.....	81 300+
Toilet grooming or hygiene (methods).....	132	Traces and connectors.....	54 30+	Guards and protectors.....	2 16
Toilet preparations.....	424 70.1+	Tugs.....	54 32+	Cutting hand tool.....	30 295
Treating process.....	132 200+	Hammer	81 20+	Design.....	D29 113+
Tufting hair in doll or wig.....	112 80.02	Automobile fender straightening.....	72 705*	Fork.....	30 323
Uv protectant.....	424 70.9	Burglar alarm.....	116 88+	Machine safety stop.....	192 130+
Waving.....	132 200+	Claw.....	254 26 R	Guides rests and straps	
Hairpin	132 276+	Combined with additional tools.....	7 143+	Coffin lowering strap.....	27 33+

Class Subclass		Class Subclass		Class Subclass	
Railway car strap.....	105 354	Latch.....	D08 331+	Dispenser.....	222 465.1+
Stringed instrument rest.....	84 328	Handcuffs	70 16+	Dispenser discharge assistant	
Typewriter keyboard guide.....	400 715+	Carrier.....	224 914*	combined.....	222 323+
Levers.....	74 523+	Design.....	D29 120.2	Dispenser trap chamber	
Looms.....	139 29+	Handgun (See Pistol; Revolver)		combined.....	222 441
Manipulated implements (see hand		Handicapped Person Handling	414 921*	Flexible bag.....	383 6
tools)		Elevator adjacent stairway.....	187 200	With welded.....	16 407
Apparel fluting iron.....	223 36	Elevator control.....	187 901*	or adhesively attached handle..	16 407
Atomizer.....	239 337+	Handicapping, Computer	700 93	Luggage.....	190 115+
Bars for carrying.....	294 15+	Handkerchief		Luggage fastener combined.....	190 118
Bells.....	116 171	Design.....	D02 500+	Paperboard box.....	229 117.09+
Blowtorch.....	431 344	Garment attaching means.....	24 3.1+	Resilient wall dispenser.....	222 210
Cutlery.....	30	Garment worn.....	2 279	Trunk.....	190 39
Dental.....	433 141+	Lace.....	87 10	Pan.....	D07 393+
Electric flashlight.....	362 208	Medicated.....	604 358+	Pull-type.....	D08 DIG. 1
Flatiron.....	38 95	Handle (See Grip)	16 400+	Pyrotechnic or explosive articles.....	102 358+
Lantern.....	362 257+	Article carrier.....	294	Shell thrower..... (see	102 486
Material handling.....	294	Asymmetric-type		Receptacle type handle (see	
Pick for stringed musical		Coffee,teapot and pitcher.....	D08 DIG. 9	magazine).....	16 401
instrument.....	84 322	Lever type.....	D08 DIG. 10	Cane.....	135 65+
Sorting.....	209 614	Bar.....	74 551.1+	Coating implement.....	401
Telephone dialing tool.....	379 456	Design.....	D12 178	Cutlery.....	30 125
Toaster or broiler.....	99 394	Handgrip design.....	D08 303	Firearm magazine.....	42 7
Muffs design.....	D02 611+	Battery handle.....	16 DIG. 15	Insulated electrically.....	174 46
Operated devices (see type of		Detachable.....	16 423	Manicuring tool.....	132 75
device operated)		Bicycle grip.....	D08 DIG. 8	Razor.....	30 510+
Operated devices agricultural and		Vehicle equipment design.....	D12 178	Retractable.....	16 429
earth working		Brushware.....	D04	Luggage type.....	16 404
Cultivating tools.....	172 351+	Cabinet with.....	312 244	Length adjustable.....	16 403
Forks and shovels.....	294 49+	Cane type.....	135 65+	Sporting goods, misc.....	D21 725+
Harvesting cutter.....	56 239+	Cast or molded handles.....	16 DIG. 19	Switch.....	200 329+
Plant irrigators.....	47 48.5	Chair or seat.....	297 183.1+	Sword.....	D08 DIG. 5
Planting dibble.....	111 99	Vehicle seat back grips.....	297 183.7+	Tool and implement.....	81 489+
Planting drill.....	111 82	Cleaning equipment, household.....	D32 25+	Cleaning tool.....	15 143.1+
Rakes.....	56 400.01+	Cleaning equipment, machinery.....	D15	Curry comb.....	119 633
Raking and bundling.....	56 342	Composition handles.....	16 DIG. 18	Dispenser combined.....	222 191
Scoop excavator wheeled.....	37 434	Cooker.....	D07 393+	Drive control.....	173 170
Snow excavator.....	37 196+	Dashboard.....	296 71	Drive fluid passage.....	173 168+
Snow excavator and melter.....	37 230	Elongated, for tools.....	D08 DIG. 7	Flexible abrasand.....	451 524+
Subsoil irrigators.....	111 7.1+	Ergonomic structure.....	16 430	Forks and shovels.....	294 57+
Organs automatic.....	84 84+	Extensible.....	16 429	Golf club.....	473 300+
Setting mechanism for electric		Luggage type.....	16 405	Light support.....	362 399
clocks.....	368 60+	Fastenings.....	16 DIG. 24	Manipulating for drive or hammer	173
Stamps.....	101 405	Brushing machines.....	15 22.1+	Multiple tool.....	7 167+
Design.....	D18 14+	Clamp band.....	16 DIG. 25	Printing stamp.....	101 405+
Surgical thermal wear.....	607 145	Cutlery blade and handle.....	30 340+	Razor.....	30 501+
Tools (see type of tool)		Cutlery detachable blade.....	30 329+	Rigid abrasand.....	451 540+
Assembling or disassembling.....	29 270+	Golf club handle.....	473 298	Sadiron.....	38 90+
Barrel croze.....	147 24	Luggage.....	190 115	Saw.....	30 166.3+
Barrel head scriber.....	147 41	Luggage type.....	16 404+	Shears detachable blade and	
Boot and shoe making.....	12 103+	Tool.....	403	handle.....	30 260
Butchering intestine cleaners.....	452 123	Faucet and valve wheels.....	D08 DIG. 3	Wrench.....	81 177.1+
Cherry seeder.....	30 113.1	Fishing reel.....	242 281+	Valve	
Cleaning.....	15	Fluorescent and phosphorescent.....	250 465.1	Detachable actuator.....	251 291+
Clock or watch.....	968 651+	Fly swatter.....	D22 124	Disabling means.....	251 89+
Cutlery.....	30	Forming, paper.....	493 909*	Stops.....	251 284+
Dental.....	433 25	Golf and ski grips.....	D08 DIG. 6	With indicia.....	40 661.12
Fish scaling.....	452 105	Mounted grip means.....	16 421	Handling (See Conveyor)	
Forks and shovels.....	294 49+	Gun.....	89 1.42	Castings with casting device.....	164 269
Hog scrapers.....	452 94	Hand carrying.....	294 137+	Completed work, of sewing machine	112 470.36
Meat and vegetable.....	30	Hand grips, preformed,semipermanent	16 DIG. 12	Earth boring drilling fluid	
Meat tenderizers.....	452 141+	Mounted grip means.....	16 421	or cuttings.....	175 207+
Oyster openers.....	452 17	Handwheel.....	74 552	Fluid handling	
Peach stoner.....	30 113.1	Handles for handwheels.....	74 557	Bath, closet, sink & spittoon.....	4
Pick, miners.....	125 43	Insulated.....	16 432	Pipes or tubular conduits.....	138
Plural diverse tools.....	7	Pipe joint.....	285 38	Valves & valve actuation.....	251
Railway mail delivery.....	258 3	Insulated.....	16 431+	Ventilation.....	454
Raisin seeder.....	30 113.1	Coating implement.....	401 3	Handicapped person.....	414 921*
Rake.....	56 400.01+	Electric.....	174 46	Handler-type toys.....	414 915*
Tamper for track laying.....	104 13+	Kitchen utensil.....	D07 393+	Handlers using parallel links.....	414 917*
Tufting eg chenille applying.....	112 80.03+	Knife.....	30 162	Handlers with spring devices.....	414 913*
Tying cords or strands.....	289 17	Knife and fork.....	D08 DIG. 4	Implements	
With light.....	362 119+	Knob-type.....	D08 DIG. 2	Bakers peel.....	294 49
Vehicles		Door.....	16 414	Combined or convertible.....	414 912*
Land occupant propelled by hand	280 242.1+	Drawer.....	16 417	Hand and hoist line implements..	294
Railway hand car.....	105 86+	General.....	16 441	Hand tools.....	81
Scoop excavator.....	37 435+	Locked.....	70 207+	Sorting manually.....	209 614
Self loading type.....	414 444+	Luggage or handbag.....	D08 300+	Mechanism	
Truck ladder.....	182 127	Hand grip.....	16 404+	Coin.....	453
Truck ladder with		Length adjustable.....	16 403	Dryer for hollow articles with.....	34 105+
erection means.....	182 63.1+	Making		Dryer rotary drum type with.....	34 108+
Gear lifting means.....	182 69.3	Hollow cutlery type.....	76 106	Dryer rotary drum with.....	34 108+
Winch lifting means.....	182 69.2	Wood.....	144 11	Dryer shelf or tray.....	34 194
Trucks and barrows.....	280 47.17+	Mattress.....	5 703+	Dryer with for dried material.....	34 236
Trucks and barrows dumping type	298 2+	Digest, hardware.....	16 DIG. 28	Fish net.....	43 8
Wheels.....	74 552+	Movable closure.....	49 460+	Furnace charging.....	414 147+
Hand Cart Design	D34 12+	Nozzle.....	239 525+	Target.....	273 406
Hand Mirror	359 882	Package and receptacle.....	294 137+	Trap shooting targets.....	273 406
Plural mirror.....	359 850+	Bail type.....	220 773+	Metal forging work.....	72 419+
Handbags	150 100+	With grip attachment.....	16 411	Nuclear reactor components.....	376 146
Design.....	D03 232+	Basket.....	217 125	Nuclear reactor components.....	376 260
Frame.....	D03 324	Closure fastener combined.....	220 315	Nuclear reactor components.....	376 260

Class Subclass		Class Subclass		Class Subclass	
Nuclear reactor components.....	376 308	Iron.....	148 622+	Jews harp.....	84 375
Charging or discharging.....	414 146	Cast iron.....	148 612+	Toy.....	446 397+
Photographic fluid treating.....	396 647+	Electric hardening		Musical stringed instrument.....	84 264+
Pipe or cable.....	414 745.1+	Apparatus.....	219 50+	Design.....	D17 16
Submerged.....	405 158+	Inductive apparatus.....	219 635+	Piano.....	84 258
Rolling mill work shifter.....	72 200	Processes.....	148 566+	Support for lamp.....	362 417
Shifttable handler, transmission		Electrophotographic fixation.....	399 320+		
line for.....	414 918*	Fat.....	554 141+		
Solid material handling		Glass.....	65 111+		
Chutes, skids, guides, & ways.....	193	Quenching iron.....	148 660+		
Delivery to or from moving		Localized heat treated stock.....	148 902+		
vehicle.....	258	Localized treatment.....	148 639+		
Elevator.....	187	Working combined.....	148 648+		
Fluid current conveyers.....	406	Steel.....	148 579+		
Food.....	99	Hardness Test.....	73 78+		
Furnace ash.....	110 165 R+	Electric space discharge devices			
Hand & hoist-line implements.....	294	vacuum.....	324 413		
Hoists.....	414 592+	Hardware Miscellaneous.....	16		
Marine loading or unloading.....	414 137.1+	Brushings or lining thimbles.....	16 2.1+		
Material or article.....	414	Carpet fasteners.....	16 4+		
Package & article carriers.....	224	Casters.....	16 18 R+		
Pneumatic dispatch.....	406	Checks & closers.....	16 49+		
Power-driven conveyers.....	198	Design of.....	D08		
Stacking.....	414 788.1+	Ferrules, rings & thimbles.....	16 108+		
Store service.....	186	Gate hangers.....	16 86.1+		
Traversing hoists.....	212	Handles.....	16 400+		
Unstacking.....	414 795.4+	Hinges.....	16 221+		
Toy, material handling.....	446 424+	Nesting hinge leaves.....	16 DIG. 29		
Traversing hoists.....	212	Sash balances.....	16 193+		
Vehicles with overhead guard for		Sash weights.....	16 216+		
operator.....	414 914*	Sash-cord fasteners.....	16 202+		
Handpiece (See Hand, Manipulated)		Sash-cord guides.....	16 210+		
Dental.....	433 114+	Tracks, travelers, panel hangers.....	16 87 R+		
Handrail.....	D25 119+	Window-bead fasteners.....	16 220+		
Support.....	D08 363	Hardmidine.....	546 86		
Handsaw.....	30 166.3+	Harmonic			
Combined with diverse tool.....	7 148+	Electric			
Handwheel.....	74 552+	Filtering.....	333 175+		
Hanger (See Suspension Devices)	224 232+	Generation by oscillators.....	331 53		
Bed bottom		Harmonic or reed telegraphs.....	178 47+		
Frame.....	5 207+	Intensifier for loudspeaker			
Slat.....	5 238	or earphone.....	381 161		
Broom type.....	248 110+	Party line ringing.....	379 179		
Butchering.....	452 187+	Semiautomatic telephone ringing.....	379 252		
Eaves trough.....	248 48.1	Telephone ringing.....	379 372+		
Garment.....	223 85+	Wave analysis.....	324 76.12+		
Attached to garment.....	2 271	Music			
Design.....	D06 315+	Tunings or arrangements of			
Making.....	140 81.5	string.....	84 312 R		
Gate.....	16 86.1+	Musical			
Illuminating light support.....	362 432+	Electric organ selective			
Movable component.....	52 64+	control of tone partials.....	84 659+		
Panel movable.....	16 87 R+	Electric organ with tuned			
Pipe.....	248 58+	generator control.....	84 622+		
Rack.....	211	Piano harmonic dampers.....	84 234		
Railway		Relays.....	335 94		
Cable rail.....	104 115+	Circuits.....	361 182+		
Traction cable.....	104 182	Selective system.....	340 825.39		
Trolley.....	104 111	Relays.....	335 101		
Rod for sheet or leaf handling.....	294 5.5	Structure.....	335 243+		
Scabbard.....	224 232	Harmonicas.....	84 377+		
Shaft.....	384 215+	Design.....	D17 12		
Sifter support.....	209 415	Harmonica digest.....	84 DIG. 14		
Slender article type, including		Harmoniums (See Organ, Reed)	84 351+		
broom.....	211 60.1	Harness (See Body, Harness)	54		
Suspended roof.....	52 83	Animal stocks.....	119 729+		
Tent.....	135 119	Body			
Train vestibule face plate rod.....	105 22	Design.....	D29 101.1+		
Hanging		Fire escape.....	182 3+		
Cable traversing hoist.....	212 336+	Land vehicle occupant.....	280 290		
Canopies.....	135 905*	Parachute.....	244 151 R		
Grindstone.....	451 342+	Bridles.....	54 6.1+		
Paper.....	156 574+	Buckles.....	24 164+		
Design.....	D05	Design.....	D30 139		
Plant receptacles.....	47 67+	Checking devices.....	54 70		
Ships rudder.....	114 165	Collars.....	54 19.1+		
Sign exhibiting.....	40 617	Design.....	D30 134+		
Wood saw.....	83 469+	Feed bags supported by.....	119 67		
Hanks		Hames.....	54 25+		
Finishing.....	28 287+	Hand package carrier.....	294 157+		
Sails and rigging.....	114 114	Loom.....	139 82+		
Spinning twisting and twining.....	57 25+	Drawing in warp.....	28 203.1+		
Winding.....	242 472.5	Hand pushed.....	139 30+		
Harbor		Motions for dobby looms.....	139 66 R+		
Channels.....	405 84+	Pads.....	54 65+		
Floating.....	114 258	Saddles.....	54 38.1+		
Wharves.....	405 284+	Stirrups.....	54 47+		
Hard Drive		Trunk.....	190 27		
Design.....	D14 348+	Protecting.....	190 26		
Hard-Hat.....	2 411+	Harp			
Hardening		Aeolian ie wind driven.....	84 330		
Aging.....	148 +	Autoharp or zither.....	84 286+		

Class Subclass		Class Subclass		Class Subclass	
Processes and blanks.....	76 103	Stock lathe.....	82 142+	system.....	705 3
Hatpin	132 57.1+	Toy.....	446 397+	Patient information systems.....	705 3
Non ornamental.....	D11 207	Tripod.....	248 177.1+	Tracking.....	705 2
Protective packing.....	206 9+	Trolley electric.....	191 59+	Hospital instruments.....	705 2
Stickpin.....	D11 47	Valve		Heap Still	202 210
Hauling (See Pull)		Cooperating seat.....	251 333+	Hearing Aid.....	D24 174
Cables drum type.....	254 266+	Cooperating stem.....	251 84+	Component making.....	29 896.21
Hawks, Masonry and Concrete	294 3.5	Rotary plug.....	251 309+	Design.....	D24 174
Hawse Pipes	114 179+	Structure.....	251 356+	Ear trumpets.....	181 129+
Hawsers (See Rope)		Swiveled.....	251 88	Electrical.....	381 312+
Hay		Well casing.....	166 75.11+	Non electrical.....	181 129+
Handling		Headboards and Sections		Dentiphone.....	181 127
Bale accumulator, vehicle		Bedstead extension.....	5 183	Ear trumpet.....	181 129+
carried.....	414 111	Bedstead folding.....	5 178+	Stethoscope.....	181 126+
Curing and preserving.....	426 321+	Bedstead upending.....	5 148	Stethoscopes.....	181 126+
Distributors.....	414 25	Invalid bed.....	5 600+	Hearing Therapy	
Forks.....	294 107+	Sofa.....	5 53.1+	Voice reflector.....	D24 175
Grapples expanding pivoted.....	294 98	Headed Fastenings	411 500+	Hearses	296 16+
Grapples fixed and movable jaw.....	294 105	Making.....	470 57+	Design.....	D12 82+
Grapples pivoted jaws.....	294 107+	Header		Heart	
Harpoon.....	294 126+	Boiler.....	122	Artificial.....	623 3.1
Hay retainer for vertically		Harvester.....	56	Artery.....	623 1.1
swinging fork.....	414 721	Manufacture.....	29 890.052	Valve.....	623 2.1
Hoist line fork.....	294 120+	Radiator.....	165 153	Energized magnet actuator.....	251 65
Load binders.....	280 180	Heading (See Forging)		Motor operated by motivating	
Pitch forks.....	294 55.5+	Barrel.....	147 6	mass.....	60 516
Round bale.....	414 24.5	Bars by upsetting.....	72 470+	Pivoted, line condition	
Stack shapers.....	414 132	Bolts.....	470 11+	change responsive.....	137 527
Hayracks		Cartridge cases.....	86 19.6	Cardiac assist device.....	600 16+
Brakes for.....	188 14	Filling combined.....	141 73+	Expansible chamber pump.....	417 472
Self-loading movable car.....	414 522	Filling combined.....	141 115+	Heart cam, register.....	235 144 HC
Vehicle body.....	296 6+	Nails.....	470 34+	Heart-lung digest.....	128 DIG. 3
Convertible box and.....	296 11+	Cut.....	470 37+	Pacemaker.....	607 9+
Pelleters.....	100	Wire.....	470 40	Shaped packaging.....	D09 629
Hazardous or Toxic Waste Destruction		Pins.....	163 6	Hearth	
Or Containment	588	Glass headed.....	65 142+	Cooking.....	126 12+
Hazardous Waste Destruction or		Rivets.....	470 27+	Electric furnace	
Containment	588	Screws making.....	470 9+	Arc.....	373 60
Hcg	436 818*	Sheet metal cans.....	413 26+	Electroslag.....	373 42
Head		Apparatus for making.....	413 69+	Glass.....	373 27
Brake		Soldering apparatus.....	228	Induction.....	373 138
Beam adjustable head.....	188 219.6+	Headlight		Resistance.....	373 109
Beam combined.....	188 219.1+	Dirigible.....	362 459+	Fireplace.....	126 500
Beam fixed head.....	188 222.1+	Sealed beam.....	313 113+	Fenders.....	126 544
Shoe fastener.....	188 236	System electric.....	315 82+	Material heating.....	432
Shoe fastener interlocking.....	188 242+	Testing.....	356 121+	Thermolytic still.....	202 102+
Coupling		Vehicle.....	362 459+	Heat Producer	
Animal draft d type.....	278 72+	Headphones		Flameless composition.....	44 250+
Animal draft l type.....	278 67	Earpieces.....	381 385	Heat, Heater & Heating (See Furnace;	
Animal draft t type.....	278 68+	Electrical.....	381 370+	Radiator)	432
Animal draft whistle tree.....	278 105+	Supports.....	381 386+	Absorption meters.....	374 39
Railway draft cushioned.....	213 18+	In or under pillow.....	381 388	Accumulators.....	165
Railway draft link or bar.....	213 182+	Mechanical.....	181	By change of state.....	165 104.15
Rod to base plate or head.....	403 187+	Pillow type.....	381 388+	Open top liquid heating vessel.....	126 375.1
Through intermediate member.....	403 187+	Radio.....	455 344	Ovens having.....	126 273.5
Tool handle fastening plate.....	403	Support for phone.....	381 386+	Regenerators.....	165 4
Tool handle fastening split.....	403 302	With radio.....	455 149	Air	
Covering with light.....	362 105+	Headrest		Automatic temperature	
Drum musical.....	84 414	Bath tubs.....	4 578.1	regulation.....	236 10+
Gear telephone.....	379 430	Chair.....	297 391+	Cookstove combined.....	126 6
Implement and tool		Chair reclining.....	297 61	Distributing system combined.....	237
Brush.....	15 171+	Coffin.....	27 13	Fireplace.....	126 500+
Hand fork and shovel		Design.....	D06 501	Furnaces.....	126 99 R+
pivoted and adjustable.....	294 53.5	(see also).....	D06 601	Gas separation combined.....	96
Mop.....	15 228+	Shampooing apparatus.....	4 523+	Heat exchange.....	165
Plow rotary chopper.....	172 518+	Sofa.....	5 52	Heated ventilating flue.....	454 43+
Razor handle.....	30 502+	Water closet.....	4 254	Illuminating burner attachments.....	126 248+
Internal combustion engine		Headset	D14 205+	Nuclear reactors.....	376 383
cooling.....	123 41.72+	Headwear		Regenerative.....	432 214+
Multiple for bolt		Attached hat fastener.....	132 57.1+	Stoves.....	126 58+
Hooked end.....	292 116+	Decorative.....	2 171+	Animal or plant husbandry	
Sliding.....	292 156+	Design.....	D02 865+	Brooders and incubators.....	119 301+
Sliding and rotary.....	292 59	Guard and protector.....	2 410+	Electrically heated branding	
Sliding and swinging.....	292 68	Helmet.....	2 410+	irons.....	219 245+
Spring arm.....	292 91	Protective.....	2 410+	Fuel heated branding irons.....	126 402+
Swinging.....	292 213+	Receptacle.....	206 8+	Greenhouses.....	47 17+
Swinging and hooked end.....	292 56	Sports.....	2 425+	Hot beds.....	47 19.1
Nail, spike or tack.....	411 439+	Structure.....	2 171+	Orchard heaters.....	126 59.5
Design.....	D08 388+	Surgical.....	607 139+	Preventing plant frosting.....	47 2
Nozzle		Health		Seed testers.....	47 16
Sprinkler, fire.....	169 37+	Computer controlled, monitored.....	600 300+	Soil warming.....	47 87
Prop.....	248 357	Lamps.....	607 88+	Sterilizing gathered soil.....	47 1.44
Puller carcass.....	452 168	Health Care		Tree covers.....	47 23.1
Rail		Automated management.....	705 2	Waterers.....	119 73
Detachable.....	238 143+	Billing codes.....	705 2	Apparel forms.....	223
Joint.....	238 221+	Clims.....	705 2	Automatic temperature regulation.....	236
Reversible.....	238 133	Icda billing.....	705 2	Heating and cooling combined.....	165 253+
Rudder.....	114 169	Clinical laboratory information		Heating systems.....	237 2 A+
Screw machines for working on.....	470 60+	Management system (clims).....	705 2	Automobile.....	237 28+
Sewing machine.....	112 259	Patient care		Design.....	D23 324+
Shampooing apparatus.....	4 515+	Automated patient accounts.....	705 3	Bathub.....	4 545
Spar ship.....	114 94	Hcfa common procedural coding.....	705 3	Bedsteads.....	5 284

Class Subclass		Class Subclass		Class Subclass	
Bending metal by heating	72 54	Gas & liquid contact apparatus	261 DIG. 31	Ozonizers	422 186.08+
Body	604 113+	Heaters and condensers	261 DIG. 32	Peat fuel	44 492
Treating material	604 291+	Heaters, spray	261 DIG. 33	Road or pavement material	404 93+
Brooder and incubator		Gas manufacture		Solids separators	209
Automatic temperature control	236 2+	Chemical purification	423 210+	Tobacco	131 290+
Automatically controlled		Heating and illuminating	48	Water purifiers	210 177+
heating systems	237 3+	Gun	89 1.12	Mattresses	5 421+
Brooder	119 302+	Hair curling straightening or		Measuring and responsive	
Combined	119 301	treating		instruments	
Heating systems	237 14+	Drying apparatus	34 96+	Calorimeters	374 31+
Incubator	119 311+	Drying processes	34 283	Electrothermal switches	337 14+
Buildings	237	Heated brushes	15 160	Heat responsive metal stock	428 616
By nuclear energy	976 DIG. 318	Heated combs	132 118	Hygrostats	73 29.02+
Burner feed	431	Process	132 211	Thermal batteries	136 200+
Cabinet combined	312 236	Hazardous waste destruction	588 300+	Thermometers	374 147
Carburetors	261 127+	Heat or cooling, conveyer act	198 952*	Thermostatic switches	337 298+
Internal combustion engine	123 543	Heat pump, reversible	62 324.1+	Metal	
Chemical	126 263.01+	Automatic	62 160	Agglomerating processes	75 746+
Closets		With supplemental heat source	165 240+	Casting apparatus with	164 338.1
Dry closets	4 111.1+	Heat storage control	165 236	Deforming with	
Collectors, solar	4 461+	Heater submerged in liquid	261 DIG. 29	heating or cooling	72
Combustion	431	Heating equipment	D23 330+	Electric heating	219 50+
Computerized or monitored in		Heating systems	237	Electric heating working and	
product manufacturing	700 207+	Humidity regulation	236	welding	219 50+
Cutting (see 4 note to class 30)	30	Immersion fluid fuel burner liquid	126 360.1+	Electrolytic coating heating	205 224+
Distillation and cracking	201	heater	126 360.1+	Founding	164
Apparatus	202	Immersion solid fuel burner liquid	126 367.1+	Heat treatment	148
Mineral oils	208 46+	heater	126 367.1+	Metallurgical apparatus	266
Solid carbonaceous material	201	Insulating and screening	52	Miscellaneous heating	432
Drier	34	Alkali metal silicate		Pyrometallurgy processes	75 414+
Textile web spreader combined	26 92	compositions	106 600+	Rolling and heating	72 200
Textile web stretcher combined	26 106	Bifurcated garments	2 81	Rolling and heating	72 252
Earth	405 131	Bottles	215 12.1+	Soldering apparatus	228
Earth boring by	175 11+	Cement compositions	106 672+	Working with	29 DIG. 21
Earth boring combined	175 17	Ceramic compositions	501 94+	Working with electric heating	29 DIG. 13
Electric fuses having	337 182+	Compositions miscellaneous	252 62	Nozzle combined	239 128+
Electric railway conduit having	191 27	Flatiron	38 89	Pile installation combined	405 234
Electrical	219	Head protectors	2 7+	Pipe	165 104.15
Earth boring by	175 16	Laminated fabric making	156	Electrical apparatus combined	174 15.2
Element	338	Miscellaneous plastic or		Pipe joint	285 41
Furnaces	373	coating compositions	106 122	Power plant combined	60
Heating gas generator	48 103	Safe doors	109 65	Engine heated vehicles	237 12.1+
Rivet heaters	219 157	Safe walls	109 78+	Processes	432 1+
Embossing hot die	101 27	Stock material	428 920*	Producing compositions	252 70
Exchange (see radiator)	165	Toaster or broiler	99 401	Fuel	44
Agitating with	366 144+	Internal combustion engine charge	123 543	Pump	62 324.1+
Mortar mixer	366 22+	Leather sewing machine	112 41	Register or diffuser	D23 308+
Cabinet combined	312 236	Liquid	122	Resolving colloid systems by	516 194+
Combustion products generator	60 730	Automatic temperature control	236 20 R+	Sealing wax applicator	401 1+
Distillation apparatus	202	Automatically controlled		Searing	
Distillation processes	201	heating systems	237 2 R+	Leather	69 7.5
Distillation processes	203	Concentrators	159	Seat combined	297 180.1+
Gas separators having	96	Cookstove combined	126 38+	Separator, imperforate bowl	
Gas washers having	261 127+	Discharge nozzle	239 128+	centrifugal	494 13+
Gun barrel cooling	89 14.1	Distillation	203	Shields for aircraft	244 117 R+
Induction heating	219 618+	Distributing system combined	237	Shields, general	244 159.1+
Internal combustion engine	123 41.01+	Electric	392 441+	Shields, general	244 171.7+
Mineral oil process	208 347+	Fireplace	126 513+	Shoes having heater	36 2.6
Mineral oil stills having	196 134	Heat exchange	165	Single room heater	D23 330+
Nuclear reactor with	376 369	Heated street oilers	239 128+	Sink	165
Nuclear reactor with	376 378	Heating system combined	237	Design	D13 179
Nuclear reactor with	376 391	Hot air furnace combined	126 101	Ventilation	174 16.3
Nuclear reactor with	376 404	Liquid separator heated	210 175+	Snow excavator and melter	37 227+
Nuclear reactor with	376 405	Open type	126 344+	Solid fuel burners	110
Particulate	165 920*	Pressure generators	122	Special ray generator combined	250 495.1
Static mold having	249 79+	Radiator and boiler combined	237 16+	Stabilized (see synthetic resin or	
Temperature control of	236 17+	Range fluid fuel water back	126 53+	natural rubber, class 523, 524)	
Tobacco smoking device	131 194+	Range water back	126 34+	Sterilizing	422
Fans		Solar	126 569+	Fume generators	422 305+
Electric	392 360+	Textile washing apparatus		Stoves	126
Fire screen or guard		combined	68 15+	Design	D23 342+
Fluid screen	110 179	Liquid separators or purifiers	210 175+	Surgical	604 113+
Stove and fireplace	126 544	Dispensers with heater	222 146.2+	Systems	237
Fluid fuel burner	431	Dispensers with heating jacket	222 131	Electric	219 482+
Nozzle per se	239	Dispensers with illuminator or		Temperature & humidity regulation	236
Fluid handling systems or devices		burner	222 113	Tents having	135 92
with	137 334+	Distillation apparatus		Textiles or strands	
For glass manufacturing		containing	202	Heating or drying threads	28 217+
Apparatus	65 355	Mortar mixers	562 625+	Singeing textiles	26 3+
Discharge nozzle	239 128+	Portable receptacle fillers	53 127	Web spreader combined	26 92
Freight car heaters	105 451	Solid material comminution		Web stretching combined	26 92
Fume		combined	241	Tools and instruments	
Generators	422 305+	Lubricators having	184 104.1	Apparel forms	223
Furnace, solid or combined fuels	110	Material heating	432	Branding iron	126 402+
Garments & bodywear (see body,		Material treating (see material		Brushes	15 160
heaters and warmers)		treated)		Coating implement combined	401 1+
Boot or shoe	36 2.6	Coating, baking or drying	427 372.2+	Cutlery	30 140
Electrically heated	219 211	Driers	34	Dress or coat forms	223 70
Heat exchanger	165 46	Electrolyte	205	Electrically	219 221+
Therapeutic body		Electrolytic coating	205 220+	Flatirons	38 82+
member inclosing	607 108+	Fertilizer	71 44+	Glove forms	223 79
Therapeutic body wear	607 115+	Foods	99	Hair combs	132 118

Class Subclass		Class Subclass		Class Subclass	
Hat forms	223 26	Filled receptacle cooker	99 365	treating composition	
Ice cutter	62 320+	Textile liquid treatment	68 176	radionuclide containing	424 1.11+
Rolls	126 410	Nuclear fuel structures	376 362	Wave energy preparation	204 157.69+
Shoe formers	12 129.4	Pump interengaging rotary		Heterodyne Frequency Measurement	324 76.41+
Soldering irons	228 51+	Impellers	418 201.1+	Heterodyne Receiver	455 130+
Sterilizer for	422	Rotary pump dipping channel	415 88	Hevea (See Synthetic Resin or Natural Rubber)	
Stocking forms	223 76	Springs	267 166+	Hexachlorocyclohexane	570 212
Tool heating stoves	126 226+	Torsion	267 155+	Hexachlorophene, in Drug	514 735
Tools self heated by fluid fuel	126 401	Switch	200 500	Hexamethylene Tetramines	544 185+
Tools self heated electrically	219 221+	Track sander feeder vertical		Hexestrol	568 729
Trouser or sleeve forms	223 73	plunger guide	291 37	Hexode Triode	313 298
Windshield cleaners	15 250.05	Traction railway	104 167	Hexylresorcinol	568 766
Toxic waste destruction	588	Helicopter	244 17.11+	Hides Skins and Leather	
Track sanders having	291 19+	Airplane combined or convertible	244 6+	Biocidal saturant for	424
Transfer mediums	252 70	Airship combined	244 26	Chemical or fluid treatment	8 94.1 R+
Expanding or vaporizing type	252 67+	Rotor	416	Manipulative	8 150.5
Low freezing or high boiling		Blade positioning means	416 147+	Coating	427
point	252 71+	Blade structure	416 223 R+	Compositions for treating	252 8.57
Tray heaters	261 DIG. 30	Motor combined	416 20 R+	Delimiting	8 94.17
Treating by induction	219 600+	Toy	446 230+	Dyeing	8 436+
Apparatus	219 600+	Flying	446 37+	Electrolytic treatment	205 692
Treatment of metals	148	Heliographic Code Signaling	116 20	Manufacture	69
Vaporizers	122	Heliostats	353 3	Removing fat	8 139+
Vehicle systems	237 28+	Heliotropine	549 436	Tanning	894.19 R+
Power plant combined	237 12.1+	Helium (See Gas, Rare)		Treatment of	8 94.1 R+
Vulcanizing combined	425 28.1+	Isolation by physical processes	95	High Altitude Compartments	
Vulcanizing combined	425 340+	Apparatus for	96	Aircraft cabin	454 71+
Vulcanizing combined	425 363	Liquefaction	62 608+	Aircraft power plant	244 59
Welding with heat	228	Refrigeration apparatus for	62 608+	High Energy Metal Forming	72 56
With heat and pressure	228 228	Speech	381 54	High Frequency	
Wells		Helix (See Screw; Thread)		Coaxial cable	333 239+
Electric heaters	392 301+	Electrical resistance	338 296+	Triode	313 293+
Having heaters	166 57+	Rheostat	338 143+	High Frequency Heater (See Induction, Heating)	
Processes using heat	166 302+	Type product		High Mu Triode	313 293+
Solid material recovering	299	Static mold	249 59	Highchair	
Hecogenin	540 19	Helmets	2 410+	Childs furniture	D06 329+
Hectograph	101 131+	Aviators	2 6.1+	Tray	D06 396+
Compositions	106 14.5	Design	D29 102+	Highway (See Roads)	404
Files, work holder for	101 463.1	Diving with air or oxygen	128 201.27+	Crossing railway signal automatic	246 293+
Coating processes	427 144	Firemans	2 5	Electric	246 125+
Transfer sheet	428 914*	Hood type	2 205	Guard	
Paper	428 488.11	Illumination combined	362 105	Fence	256 13.1
Processes	101 463.1	Miners hat	362 164	Pipe or cable bracket	248 66
Heddle		Military	2 6.6+	Guide or barrier	404 6+
Making		Space suit	2 2.11+	Track combined	238 8
Cord	29 4.6	Sports headgear	2 425+	Track for nonflanged wheel	238 3+
Wire	140 72	Helmitol	544 185	Traffic director	404 9+
Needle winding	242 472	Hemacytometers		Hilling and Hill Planting	111
Structure	139 93+	Colorimeter type	356 39	Ridging and covering plows	172 642
Doup	139 52	Microscope type	356 39+	Hinge or Hinged Joint (See Device Hinged)	16 221+
Hedge		Hematin	540 145	Adjustable	16 235+
Fence	256 20	Hemmers Sewing Machine	112 141+	Belt fastener	24 33 R+
Training	47 4	Hemocytometer (See Haemocytometer)		Breakaway	16 222
Trimmer	56 233+	Hemoglobin	540 145	Check and closer combined	16 50
Heel		Tests for	436 66	For nuclear reactor	
Clamping work supports	12 125	Hemoglobinometer	356 40+	moderator structure	376 285
Cushioned horseshoes	168 15	Hemostatic Devices	606	Liquid check	16 54+
Cutting machines		Artery or vein	606 157	Pneumatic check	16 68
Die cutting	83	Umbilical	606 120	Design	D08 323+
Heel lifts for shoes	D02 961	Hemstitch		Flaccid closure mount	49 147
Interfitted sole and	36 24.5	Machine	112 81+	Flask sections	164 391+
Lasts		False	112 179	Headlight hinge	16 DIG. 26
Plates and sockets	12 139	Heparin	536 21	Magnetic	16 DIG. 14
Separate heel block	12 135 R+	Medicines containing	514 56	Making assembly or mounting	
Punching machines	83	Heptode		Metal	29 11
Shoe	36 34 R+	Mixer	313 300	Wood seat cutting	144 27
Design	D02 964+	Pentagrid converter	313 300	Nesting hinge leaves	16 DIG. 29
Heel engaging shoe retainers	36 58.6	Triode	313 298	Pipe joints	285 273
Protectors	36 73+	With two cathodes	313 6	Detachable	285 283
Supporters	36 69	Herbicides	504 116.1+	Pivotal sheet retainer	402 26+
Shoemaking machines	12 42 R+	Plural active	504 118+	Plastic	16 DIG. 13
Burnishing	12 70+	From microorganisms	504 117	Rod	403 119+
Edge trimmers	12 85+	Hermetic Sealing		Adjustable angle	403 83+
Heel seat forming	12 31.5	Closing portable receptacles	53 285+	Rubber sleeve bearings & hinges	16 DIG. 33
Loading	227 125	Gas filling of portable receptacle,		Separable	16 254+
Nailing	227 140+	method	53 403+	Snap-hinge	16 227
Plate attaching	227	Glass uniting processes	65 36+	Spring	16 277+
Stiffener	12 61 R+	Metallic receptacle closures	220 200+	Stepladder	182 174+
Shoemaking processes	12 147 R	Soldering apparatus	228	Stop	16 374+
Skate attaching clamps	280 11.31+	Hernia Pads	128 112.1	Stove door	126 194
Spring with soles	36 27	Heroin	546 44	Toilet seat	4 240
Straps for horseshoes	168 22	Hertzian Wave (See Radio)		Cover combined	4 236
Heelless		Railway signal systems	246 30	Tool handle fastenings	
Overshoes	36 7.2	Transmission line systems	333	Adjustable angle	403 84+
Rubber overshoes	36 7.4	Hetaamoxicillin	540 325	Freely swinging	403 52+
Sandals	36 7.7	Hetacillin	540 325	Watchcase	368 313
Helical (See Gearing)		Heterocyclic Compounds	540 1+	Windshield	296 92
Bed spring connectors	5 269	Azo compounds	534 751+	Hinged	
Brass music instrument valve		Heavy metal ctg	534 701+	Closures	49 381+
movement	84 391	Silver sensitized formation in			
Course		color photography development	430 376+		
Amusement ride	104 56+	Drug, bio-affecting and body			

Class Subclass		Class Subclass		Class Subclass	
Barrel	217 83	Vehicle attachments	280 186+	Electrophotographic copier	399 377+
Bottom opening hopper vehicle	298 29+	Hive		Food cooking	99 349+
Building shutters	49 381+	Bee	449 3+	Food cooking filled receptacle	99 369
Dispenser	222 556+	Connectors	449 27+	Freight retaining on freight carrier	410
Drawbridge gates	14 50+	Hmx	540 475	Container twist-lock	410 82+
Fence panels	256 26	Hobbing	409 11	Photocopying of book and sheet	355 72+
Flexible and portable	160	Hobs	407 23+	Punching machines	83 374+
Gates	49	Hobby Horses	472 95+	Punching machines	83 438+
Lockets	63 19	Goal	473 478	Punching machines	83 451+
Oil cup	184 90+	Practice puck	473 422+	Supports for machines combined	248 680
Operators for	49 324+	Puck	473 588	Holder (See Container; Receptacles)	
Paperboard box	229 125.08+	Rink	472 90+	Animal catching and holding	119 801+
Purse	150 119	Stick	473 560+	Arc furnace electrode	373 94+
Railway car dumping	105 280+	Hod		Arc lamps electrode	403
Receptacle	220 810+	Household bin sifter	209 376	Article locking racks	211 4
Ship port	114 178	Masons	224 44.5	Assembly jig	269 37
Spectacle case	206 6	Endless elevator for	198 803.3+	Bag	248 95+
Vault road or pavement	404 25	Receptacle with pouring lip	222 572	Golf	248 96
Vehicle windows and doors	296 146.1+	Hoe	172 371+	Bait fishing	43 54.1+
Vehicle windshields	296 86+	Design	D08 11	Live bait inclosing	43 41
Vehicle windshields hinges		Making		Design	D22 136
per se	296 92	Dies	72 358+	Belt attached design	D03 215+
Windows sliding and swinging		Processes and blanks	76 109	Bicycle article carrier spring	224 462
sash	49 208+	Scraper	30 171	Billiard cue chalkers	473 36+
Windows swinging sash	49 381+	Weeder combined	172 375	Blind slat	292 345
Wooden box	217 57+	Hog		Body and belt attached cartridge	224 239+
Devices		Cholera antigens	424 220.1+	Body or clothing attached article	24 3.1+
Base for bellows objective camera	396 345+	Cholera sera	424 162.1+	Book and sheet	
Bed combined	5 2.1+	Farrowing pen	119 503+	Book leaf	281 42
Binder device releasably engaging aperture or notch of sheet	402	House	119 444+	Book or sheet	281 45+
Bracelet multiple	63 9	Oiler	119 652+	Camera plate	396 517+
Bracelet single	63 7+	Scalders	452 74+	Copy (see copyholder)	
Buttons and fasteners hinged		Scraper combined	452 75+	Depository	402 73+
leaf	24 97+	Scrapers	452 94+	Guides	402 24
Calendars hinged leaves	40 119	Singers	452 73	Label pasting etc	156
Card holding clamp	40 647+	Hoist & Hoisting (See Elevator; Lift)		Leaf	281 45+
Changing exhibitor	40 446	Alarms for	116 68	Music and	248 441.1+
Display items	40 530	Arc lamps	248 317+	Printing flexible sheet	101 415.1
Endless type signs	40 524	Automobile lift	269 58+	Sheet feeding	271 8.1+
Cultivator center	172 617	Building with	52 122.1+	Stencil	101 127.1+
Cutter frame for combine	56 125	Cable drum type	254 266+	Typewriter card	400 521+
Demountable wheel rims		Derrick	254 283+	Boot tree	12 123.5
sectional	301 32	Design	D34 33+	Brackets	248 200+
Drawbridge bascule	14 36+	Endless or rotary carrier combined	414 564	Article	248 309.1+
Extension ladder	182 163+	Fire escape	182 141+	Shelf type	248 250
Extension table	108 65+	Lateral traverse combined	182 12+	Brush for dynamo	310 239+
Folding bedsteads	5 174+	Forklift truck ramp design	D34 32	Candle	431 289+
Folding table	108 115+	Hoist line implements	294	Cane	211 62
Freight car sectional deck	105 372	Inclined for blast furnaces	414 208	Card	40 124.06+
Garment stays	2 262	Receptacle moved back & forth along incline	414 168	Chain	24 116 R+
Heat exchanger for liquid heater	126 357.1	Invalid lift	5 83.1+	Check, label, or tag	40 642.02+
Horseshoes sectional	168 7+	Beds with	5 607	Cigar and cigarette	131 187+
Invalid beds	5 600+	Load handling	414 592+	Design	D27 183+
Ironing table with supports	108 115+	Load handling type traversing	414 560+	Wind guard or ash receiver combined	131 175
Lamp shade etc drop support	362 451	Measuring and testing cables and ropes	73 158	Cigar tip cutter with	131 250+
Lister type cultivator		Nuclear reactor control components	376 219	Clasp, clip or support clamp	24 455+
laterally hinged	172 640	Fuel charging & discharging	376 268	Shirt collar	24 900.1*
Lockets	63 19	Ordnance loading	89 46	Cleaner cover	15 247
Movable on horizontal axis	211 169.1	Railway car type	414 391+	Closure fastener portable securing bar	292 289+
Plow moldboard	172 736	Transports from one vehicle to another	414 342	Coiled material	242 570+
Pneumatic tire rims sectional	152 414	Ramp design	D34 32	Coin	206 .8+
Propped ladder eg stepladder	182 165+	Skidway combined	414 571+	Copy (see copyholder)	248 441.1+
Revolver barrel	42 63+	Sleeping berth vertically movable	105 318	Movable copy or line guide	40 341+
Scoop type vehicle fender	293 44+	Slings	294 74+	Cord rope thread and wire	24 115 R+
Screw threading die stocks	408 180+	Submerged vessel	114 51	Fabric delivery roll	242 588.3+
Sectional board ironing	38 139	Tilting railway car body	105 273	Fishing floats with	43 44.92+
Sectional mattress	5 722+	Traversing	212	Harness hitching	54 64
Sectional scows	114 29	Truck ladder	182 63.1+	Harness reins	54 74
Shoe lasts	12 136 R	Extensible type	182 66.1	Insulator and conductor embracing	174 154+
Sleeping car berths	105 321	Manual	182 67.1+	Insulator with conductor	174 168+
Slice toaster or broiler grids	99 402	Motor	182 66.2	Measuring and dispensing	33 732+
Sofa beds	5 32.1+	Trucks	254 2 R+	Piano bridge	84 214
Surgical splints	602 16	Vehicle hoist design	D34 33	Piano bridge on sounding board with	84 213
Upending bedsteads	5 133+	Vertically adjustable vehicle	280 43+	Sash cord slack	16 208
Waffle iron type cooker	99 380+	Vertically swinging load support combined	414 569	Spoiled strand material	242 134+
Wall supported table	108 134+	Weighing	177 147	Textile spinning apparatus	57 353
Weather strips	49 475.1+	Wheel brake one way for	188 82.1+	Textile spinning receiver with	57 131
Hip artificial	623 22.11+	With weighing scale	177 147	Twine unwinding	242 141+
Hippuric Acid	562 450	Hoist Line Implements	294	Tying cords or strands	289
Histamine	548 335.5	Hold		Cutlery and combined material	30 124+
Histidine	548 339.1+	Backs		Dental dam	433 138+
History, Teaching	434 154	Animal draft	278 126+	Dental floss	132 323+
Hitching		Breeching	54 5	Dispenser handle and spout	222 475
Animal restraining devices	119 769+	Hill hold transmission control	192 219.1+	Ear corn	294 5
Posts design	D30 154	Hill hold vehicle	188 82.1+	Electric lamp etc consumable electrode	314 130+
Harness type straps	54 34	Hill hold wheel	188 30	Eyeglasses or spectacles case	24 3.8
Holders	54 64	Hold-Downs	248 500+		
Hitching post	D30 154				

Holder	Class Subclass	Class Subclass	Class Subclass	Holder
	Fluid diffusers 239 34+	Pivoted clasp handle engaging..... 24 489+	Cylindrical receptacle 211 85.18	
	Fluid supply and combined hose 137 355.16+	Razor with sharpener 30 37+	Rotatable assembly of	
	With nozzle 239 195+	Reciprocating abrading machine. 451 174+	dispensers 222 144	
	Flypaper 43 115	Reciprocating wood saw 83 783+	Spittoon flexible material and 4 285	
	Garment and fabric	Rectilinearly movable multiple	Spray fluid 239 302+	
	Article supporting 24 3.1+	metalworking tools 29 54+	Rein 54 74	
	Bed attached bedclothes 5 498	Rotary reciprocating abrading	Design D30 141	
	Bed attached pillow sham 5 498	machine 451 119+	Whip socket combined 280 177	
	Bedclothes 24 72.5	Saw making file 76 36	Scale load 177 253+	
	Chair attachments 297 188.03	Screw driver attachments 81 451+	Handling type weigher 177 148+	
	Closure panel elongated element 160 383+	Sewing machine attachment 112 257	Sleeping car article 105 325	
	Closure panel frame type 160 371+	Sewing machine bobbin 112 231	Stringed music instrument with	
	Clothespins (see clothespin)	Sewing machine shuttle 112 196	article 84 329	
	Connected substantially spaced	Sheet punching machine die 83 651	Tail 54 78	
	plural garment 2 304+	Skein winding or unwinding 242 127	Cow 119 809+	
	Cuff 24 41.1+	Socket wrench with nut 81 125	Telephone 379 453+	
	Drying continuous strips edge 34 646	Sound box stylus 369 160	Tobacco ash receiver with	
	Drying sheets etc movable 34 643+	Sponge 15 244.1+	Cigar cigarette or smoking	
	Garment type combined 2 300	Having pivoted handle 15 244.2	device 131 240.1+	
	Garment type convertible or	Spool winding or unwinding 242 134+	Match 131 239	
	reversible 2 301	Stationary metalworking tools	Tooth 433 141+	
	Garment type elements 2 336+	and movable work 29 51	Tops with spinning devices 446 262+	
	Garment type partially	Tool handle fastenings 403	Train dispatching safety system	
	encircling limb or torso 2 309	Type casting mechanism matrix .. 199 49	signal 246 16	
	Garment type plural encircling 2 308	Wiper dauber and polisher sheet .. 15 231+	Vacuum-operated load engagers 294 64.1+	
	Garment type strip connected	Insect poison 43 131	Vacuum-type holding means 269 21	
	spaced 2 323+	Key 70 456 R+	Valve head 251 89+	
	Garment type suspension and	Music keyboard 84 441	Friction detent 251 297	
	encircling 2 310	Light guard and 362 376	Vehicle 280 182+	
	Glove and fur sewing work 112 18+	Live bait inclosing 43 41	Hand lantern 362 459+	
	Looped fabric sewing work 112 27	Design D22 136	Rein 280 182	
	Napkin 138 177	Lock tumbler 70 328	Vehicle attachment 280 182+	
	Necktie 24 49.1+	Permutation compound tumbler.... 70 317	Washboard soap 68 224	
	Rack for paper or textile	Manifolding	Washing machine transferable	
	sheets 211 45+	Book or leaf 462 71+	clothes 68 10	
	Rigid vertical type 2 302+	Book or pad 462 72	Welding electrode 219 145.1+	
	Skirt lifter and 2 217	Plural distinct leaves 462 75+	Wheel 157 14	
	Sorting rack bag 211 12	Transfer leaf 462 74	Work (see mandrel) 269	
	Stacked article type rack 211 50+	Typewriter 462 73	Abrading 451 364+	
	Torso or limb encircling 2 311+	Nuclear fuel 376 434	Abrading work rests 451 406+	
	Towel service cabinet 312 34.1+	Packet 24 17 R+	Abrading work tables 451 411+	
	Vehicle lap robe 296 77	Pencil 401 88+	Ammunition shell loading 86 44	
	Work manipulating sewing	Penholders 15 435+	Apparel apparatus 269	
	machine 112 148	Phonograph record 312 9.1+	Book typewriter 400 24+	
	Gear cutting, milling, planing 409 903*	Photographic plate 396 517+	Boring machines 408	
	Hair	Picture 40 700+	Brush boring 408 89+	
	Combs 132 219+	Support type 248 488+	Brushing scrubbing cleaning 15 268	
	Mustache 132 215	Support type 248 490+	Brushmaking 300 10+	
	Handling type weigher 177 148+	Piles arrangements spacers for 206	Butchering 452 185+	
	Hatpin point guard 132 72.1	Pocket and personal use 206 37+	Can opener 30 400+	
	With guides 132 69.1	Ticket 206 39	Capping nail and screw making.... 470 5+	
	Hollow wound package liquid	Racks 211	Chain welding 59 34+	
	treating 68 198	Bridles, saddles, whips, design .. D30 143	Circular saw 83 409+	
	Hot dish lifting 294 27.1+	Radioactive body treatment 600 7+	Cleaning and liquid contact	
	Illumination lens 362 455+	Receptacle	with solids 134 137+	
	Implement and machine parts	Acetylene carbide feed 48 38+	Collapsible structure 269 901*	
	(see mandrel)	Acetylene generator and 48 2	Door 269 133	
	Apparel making 223 106+	Acetylene water feed 48 4+	Drilling machines 408	
	Axial metalworking tools	Animal cage food and water 119 475+	Electric heating 219 158+	
	and movable slide rest 29 52+	Article carrying tray 294 172	Electrolytic apparatus 204 297.01	
	Bobbin winding or unwinding 242 130	Bait or catch 43 55	Feeding stock combined 29 56.6	
	Bolt 81 13	Blacking box 15 259	Forging machines 269	
	Brush and broom 15 146	Blood 604 403+	Gear cutting milling and	
	Brush bristle 15 206	Boiler or deep fat fryer 99 403+	planing 269	
	Can head seaming roller 413 31+	Brush and blacking box 15 258	Glove and fur sewing 112 18+	
	Chucks or sockets 279	Camera with storage for plate 396 360+	Hair dryers 34 101	
	Cigar making machine with	Closet bowl disinfectant 4 222+	Hair shampooing apparatus 4 515+	
	wrapper feed or holder 131 36	Closure remover with receptacle... 81 3.08	Hat sewing machines 112 13+	
	Cigar wrapper 131 105	Collapsible wall dispenser with... 222 105	Horseshoe nail finishing 470 35+	
	Coil winding or unwinding 242 129	Cover containing a 220 521+	Immersion scouring rotary 451 106	
	Compound tools 7 167+	Dispenser with cutter and 222 81+	Ironing 38 64	
	Cutlery blade detachable 30 329+	Dispenser with support or 222 173+	Ironing table 38 103+	
	Drill 408 238+	Extracting or leaching 422 261+	Leather manufacturing 69 19	
	Electric generator and motor	Fishing hook and tackle 43 54.1+	Looped fabric sewing 112 27	
	brush 310 239+	Flower 47 41.01+	Magnetic 335 285+	
	Engine starter handle 74 551	Handle 220 752+	Manual sewing 269	
	Illuminating lens 362 455+	Handle containing a 16 401	Meat blocks 269 289 R+	
	Machine tool cutter mount 407 66+	Heating and illuminating gas 48 174+	Metal working 269	
	Machine type wrench with bolt 81 55+	High pressure gas 220 581+	Metalworking multiple tool	
	Main tapping multiple tool 408 31+	Inkstand 248 127+	laterally moving stock 29 51	
	Manicuring file etc with	Dispenser type 222 577	Mortising 144 84	
	separable 132 76.5	Insect poison 43 131	Ordnance cartridge feeding 89 34	
	Mechanical gun projectile 124 41.1+	Inverted container drainage 141 364	Photographic washing 396 564+	
	Metal deforming die 124 41.1+	Match and toothpick 206 102+	Printing 101 407.1+	
	Metal file and rasp 407 29.15	Matchbox 206 121+	Reciprocating abrading machine . 451 170+	
	Metalworking turret with rotary 29 40	Mattress filling bat holder 53 255+	Rotary 451 119+	
	Metalworking turret with	Medicating inhaler gas 128 203.12+	Rivets for riveting 72 457+	
	sliding 29 41	Medicator 604 403	Rotary abrading one way work	
	Mirror 52	Motor vehicle battery 180 68.5	traverse 451 182+	
	Mop 15 147.1+	Plural source dispenser	Rotary abrading opposed tool 451 194+	
	Multiple metalworking	stacking 222 143	Rotary tool abrading 451 259+	
	tools oscillating 29 56	Racks for 211 71.01+	Radial face 451 259+	

Class Subclass		Class Subclass		Class Subclass	
Reciprocating holder.....	451 212+	Home Banking	705 42	Fish.....	43 43.16+
Stationary holder.....	451 231+	Credit or loan management.....	705 38	Design.....	D22 144
Sand blast abrading moving.....	451 80+	With encrypted data.....	705 70	Gaff combined with tackle.....	43 5
Sawmill.....	83 720+	Hominy Mills		Making.....	29 9
Screw head nicking.....	470 60+	Grain hullers.....	99 600+	Trap hook.....	43 34+
Screw threading machine.....	408 103+	Solids comminution.....	241	With artificial bait.....	43 42+
Sewing machine.....	112 260	Homogenizing		Hand.....	294 26
Sheet metal ware making.....	269	Agitator.....	366	Hardware, eye &.....	D08 367+
Shoe machines nailing.....	227 154+	Colloid system making.....	516 9+	Harness.....	
Shoe machines sole sewing.....	112 62	Comminuting solids.....	241	Checkhooks.....	54 61+
Shoe machines soleing.....	12 36+	Equipment design.....	D07 377	Checkrein loop.....	54 17
Shoemaking.....	12 123	Foods.....	99	Design.....	D30 138+
Stationary axis milling cutter.....		Restrictor for.....	138 40+	Traces.....	54 55
rotating holder.....	409 165+	Homokinetic Coupling	464 904*	Hat fastener rotary.....	132 62
Stationary tool abrading.....	451 312+	Homopolar Dynamolectric Machines	310 178	Hoist line.....	294 82.1+
Stationary vegetable grater.....	241 273.1+	Hones	451 552+	Knitting.....	66 3+
Grater reciprocating holder.....	241 84.4	Honey		Lacing fastening.....	24 713.9
Stenciling.....	101 126	Bee culture.....	449	Lacing stud.....	24 713.9+
Stoneworking.....	125 35	Centrifugal separator.....	210 361+	Ladder extensible stop.....	182 209+
Vices.....	269	Modified or artificial.....	426 658+	Ladder suspension.....	182 206
Wheel spoke setters.....	157 4	Honeycomb (See Article By Name)		Log turner.....	83 710+
Wire nail making.....	470 40	Dunnage.....	410 121	Chain combined.....	83 710+
Wood planing beveling.....	144 114.1+	Foundations.....	449 44+	Making.....	
Wood sawing.....	83 409+	Frames.....	449 42+	Fish.....	29 9
Wood shaping rotary holder.....	144 153	Stock material.....	428 116+	Metal.....	29 7
Wood turning.....	142 57	Metal.....	428 593	Wire.....	140 80+
Wood turning.....	142 48	Structure for containers.....	493 966*	Napkin.....	24 8
Wood turning polygonal section.....	142 2+	Hood		Necktie.....	24 65
Wood turning steady rests.....	142 50	Actuated by tool or work approach.....	29 DIG. 59	Obstetric tractor.....	606 121
Wood turning tool and.....	142 48	Automobile.....	180 69.2+	Pelican.....	294 82.24+
Woodworking bench dogs.....	144 306	Combustion air vents.....	180 68.1+	Picture or mirror support.....	D08 373+
Woodworking benches.....	144 286.1+	Design.....	D12 173	Hook or eye.....	D08 367
Woodworking clamps.....	269	Hinge.....	16 355+	Pin combined.....	24 351+
Woodworking lath.....	144 288.5+	Lock.....	70 240+	Pipe joint.....	
Woodworking machine clamps.....	144 278.1+	Conveyor discharge.....	198 637	Duplicate end.....	285 70+
Woodworking stands.....	269 289 R+	Curtain shade or screen combined.....	160 19+	Pipe to plate.....	285 191
Work rotating abrading.....		Design (see headwear).....	D02 865+	Rail fastening.....	238 355+
machine.....	451 243+	Encased cutter.....	29 DIG. 86	Rod joint.....	
Work specific.....	269 909*	Eye shields.....	2 10+	Socket combined.....	403 301
Wrought horseshoe nail making.....	470 36	Fireplace.....	126 550	Sash cord.....	16 206
Wrought spike making.....	470 39	Flash powder light.....	431 364	Separable hinge.....	16 260
Holdover, Refrigeration	62 430+	Fluorescent and phosphorescent.....		Snap.....	24 598.4+
Accumulation in situ.....	62 59	devices.....	250 492.1	Tag label check fastener.....	40 667
Automatic.....	62 139+	Focusing camera.....	396 534	Submarine.....	294 66.1+
Hole		Garment combined.....	2 84	Supports.....	
Puncher, paper.....	D19 72+	Head covering.....	2 202+	Bag mouth holder.....	248 100
Punches.....	83	Metal working with shield or hood.....		Bracket having.....	248 225.11
Holiday Season Decoration	D11 117+	movements.....	29 DIG. 56	Bracket having.....	248 227.1
Hollow Article		Progressive displacement of.....	29 DIG. 60	Bracket having.....	248 290.1
Block wall.....	52 561+	Stove.....	126 299 R+	Bracket having.....	248 294.1
Blocks.....	52 576	Design.....	D23 371+	Bracket having.....	248 304+
Forming passage.....	52 503+	Telephone.....	379 453	Clamped by.....	248 227.1
Laterally related.....	52 561+	Ventilating.....	454 49+	Faucet engaging.....	248 213
Void former.....	52 577	Woodworking cutter.....	144 252.1+	Horizontal rod engaging.....	248 215
With passage.....	52 606+	Hoop		Ladder engaging.....	248 211
Cast barrier.....	52 380+	Calks.....	168 29+	Overhead beam.....	294 85
Static mold.....	249 22	Sharpening tools.....	168 46	Penetrating.....	248 216.1+
Drying.....		Cleaners and trimmers.....	168 48.1+	Rod to radiator.....	248 234
Apparatus.....	34 104+	Expander.....	168 47	Suspended.....	248 322
Billet piercing.....	72 327	Farrery.....	168	Suspended.....	248 339+
Coating.....	427 230+	Gauge.....	33 195	Tackle.....	294 82.11+
Coating by electrolysis.....	205 151+	Hoof crack remedy.....	606 212	Hook-And-Loop Fastener	24 306
Cooking apparatus.....	99	Pads.....	168 26+	Belt fasteners.....	24 31 V
Die expressing plastics.....	425 378.1	Design.....	D30 149+	Brackets attached by.....	248 205.2
Electroforming.....	205 73	Shoes.....	168 4+	Buildings, static structures digest.....	52 DIG. 13
Handles for cutlery.....	76 106	Design.....	D30 147+	Chairs & seats digest.....	297 DIG. 6
Process.....	34 442	Hook (See Also Connection)	24 698.1+	Separable fastener.....	428 100
Making by extrusion metal.....	72 264+	Attaching.....		Surgery digest.....	128DIG. 15+
E.g., can.....	100	Belt hook inserting.....	29 243.51	Telephone receiver switch.....	379 426+
Making by powder metallurgy process.....	419 5	Lacing.....	227 51+	Hookahs	131 173
Projectile making.....	86 51+	Sewing machine.....	112 105+	Hoop	
Projectile making.....	86 57	Bicycle carrier.....	224 449	Barrel.....	217 91+
Rope machine.....	57 33	Bolts hooked end.....	292 95+	Coopering.....	
Sheet metal container making.....	413	Cant hook hand bar.....	294 17	Drivers.....	147 7+
Stud wall.....	52 479+	Carpet fastener.....	16 6	Machines.....	147 43+
Holograms & Holographic Systems	359 1+	Carrier by hand.....	294 137+	Truss.....	147 49
Memories, electric.....	365 125	Chatelaine safety.....	24 4	Embroidery.....	38 102.2
Radiation imagery process.....	430 1+	Clasp combined.....	24 343+	Making.....	
Shaping or treating.....	264 1.31+	Cuff holder.....	24 45	Metal.....	29 7
Holsters		Curtain hook.....	D08 367+	Wood by bending.....	144 258
Design.....	D03 226+	Cutter combined.....	7 161+	Wood by sawing.....	83 425+
Firearm.....	D03 222+	Design.....	D08 367+	Sail.....	114 113
Handgun.....	224 193	Apparel.....	D11 208+	Skirts.....	2 216
For either side of torso.....	224 192	Curtain.....	D08 367+	Design.....	D02 851+
Leather or flexible fabric.....	224 911*	Draft couplings.....		Design frame.....	D02 855
Metal or rigid material.....	224 912*	Animal.....	278	Making.....	223 6
Rotatably or swingably attached.....	224 198	Railway.....	213 78+	Toy.....	446 236+
With closure flap.....	224 238	Eye and.....	24 698.1+	Rolling.....	446 450+
With gun positioner.....	224 243	Design.....	D11 208+	Toy (design).....	D21 457
Knife, bayonet, sword, ice pick.....	224 232+	Relatively movable hook.....		Hopper (See Magazine)	
Shoulder holster.....	224 623+	portions.....		Discharge.....	
Homatropine	546 131	portions.....	24 598.7+	Bottom forming conveyor.....	198 550.1

Class Subclass		Class Subclass		Class Subclass	
Discharge to gravity section	198 550.1+	Design	D30 145	House	52
Gravity discharge holder	198 540+	Boots	54 82	Amusement	472 136
Dispenser	222	Design	D30 146+	Illusionary	472 74
Dumping land vehicles	298 24+	Collars	54 19.1+	Animal	119 436+
Dumping railway car	105 247	Design	D30 137	Annunciators	340 815.4+
Flat convertible to	105 243	Hames combined	54 18.1+	Bird	119 428
Feeding and feeder		Shaping	69 3	Compound maintenance tools	7 105+
Animal	119 52.1+	Stuffing	69 4	Drying ie kilns	34 201+
Animal, design	D30 121+	Confining and housing	119 436+	Heating and cooling system	165 48.1
Article	221	Detachers	278 21+	Heating system	237
Bag filling	53 570+	Four legged support	182 181.1+	Hog	119 444+
Cigarette tube	131 74	Unitary foldable	182 153+	House trailer	D12 103
Filler tobacco or bunch	131 44	Grooming and currying devices	119 600+	Moving	52 143
Furnace charging bell and	414 204	With air draft	15 363+	Portable track	238 13
Furnace fuel	110 108+	Gymnastic	482 25	Numbers	
Furnace fuel blower	110 105	Harness	54	Fluorescent	250 462.1
Match dipping frames	144 64	Powered motor	185 15+	Luminous	40 542
Rotary drying drum external		Composite or multiple	185 3	Plate	D20 10+
type	34 112	Rake horse drawn	56 375+	Plumbing (see plumbing)	4 211+
Sifter	209 244+	Rocking (design)	D21 416+	Poultry	119 437+
Static mold having	249 108	Training apparatus	54 71	Toy	446 476+
Tobacco for cigar etc making	131 108+	Horseshoe	473 591	Construction	446 108+
Track sander	291 38+	Calk	D30 150	Furnishings	446 479+
Track sander with jet in	291 18	Design	D30 147+	Ventilation	454
Track sander with oscillating	291 30	Farriery	168	Toilet	4 209 R+
Wood slicing	144 180	Making	59 36+	Houseboat	
Planting combined		Nail making		Design	D12 315
Auxiliary frame hill type	111 24	Cut type	470 37	Housecoat or Robe	D02 724+
Dibble with revolving	111 90+	Wrought type	470 38	Household Articles	D07
Floating auxiliary frame	111 63+	Nails	411 439+	Linen	D06 595+
Revolving	111 74	Horticulture (See Plant Husbandry)		Measuring implement	D10 46.2
Vibrating	111 75	Horticultural tools	D08 1+	Housing	
Power driven conveyor combined		Illumination	362 805*	Abrading apparatus	451 451+
Bottom forming	198 550.1	Hose (See Stocking)		Animal confining or	119 416+
Chute and	198 568+	Alarm system via fluid hose	340 320	Below ground	119 486
Discharge for	198 523+	Applying and removing	29 235+	Cage	119 452+
Feeder	198 523+	Bridge	104 275	Coop	119 482+
Plural conveyors	198 570+	Brush or mop combined	401 289	Elevation means	119 485
Hopples	119 816+	Carrier reel	242 370+	Experimental purpose	119 417+
Slings combined	119 816+	Clamp applicer	81 9.3	Hutch	119 482
Hops and Hopping	426 11+	Clamps	24 19	For rabbit	119 483
Apparatus	99 278+	Cutoff	251 4+	Pen	119 502+
Plants	PLT 236	Connections	285 238+	Permanent building	119 436+
Stirrer	366 343+	Dispensed material guide	222 527+	Rack	119 502+
Vine stripper	460 123+	Dispensing guide interlock	222 74+	Stall	119 516+
Horizon Artificial	356 248+	Fire fighting vehicle	280 4	Brush and broom	15 184+
Hormones	552 502+	Holder and fluid supply	137 355.16+	Closure seals	292 317
Animal extracts		With nozzle	239 195+	Combination lock	70 443
Medicines containing	424 520+	Liquid level gauge combined	73 294	Fence supported by	70 322
Heterocyclic	540 2+	Making	156 143+	Electricity conductors	174 50
Sex	552 502+	Nozzle	239 589+	Fluid or vacuum type	174 17 R+
Hormones,protein	530 399	Pantyhose	2 409	Wall mounted	174 480+
Horn	D10 120	Protectors	138 110	For an electrical device	174 50+
Antenna	343 786	Structure	138 177	For different electrical devices	361 600+
Ear trumpet	181 129+	Design	D23 266	For specific electrical device	
Electric	340 388.1+	Support	248 75+	(see the type of device)	
Fertilizer	71 18	Supporters		Key operated locks	70 448+
Fog	116 137 R+	Fluid conduit or nozzle	248 75+	Lock on rotary shaft	70 184+
Lamp combined	116 3	Plural garment	2 306	Lock on valve	70 179
Loud speaker	381 339+	Strip connected spaced holder	2 335	Material treating drum with gas	
Making by deforming sheet metal	72	Torso or limb encircling	2 311+	flow	34 139
Megaphone	181 177+	Water hose	D23 266	Heating	34 595
Musical instrument	84 387 R+	Wheeled hose reels	242 403+	Metal rolling apparatus	72 237+
Design	D17 11	Hospital (See Health Care; Clinical Information System)		Padlock	70 52
Periodic sounding	116 24	Hospital Furniture and Equipment (See Type)		Nonshackle type	70 33
Phonograph	369 163	Hot Air Furnace	126 99 R	Radio receiver	455 347+
Shield	119 851	Hot Bearing Indicator	116 214	Vehicle	455 351+
Shoe	223 118+	Train hotbox	246 169 A	Rotary shafting	464 170+
Design	D02 642	Hot Bed	47 19.1	Shaft combined	464 52+
Shoe in seam trimmer	12 4.5	Hot Blast Stoves	432 214+	Swinging door locks	
Stringed instrument resonator	84 294	Hot Dog		Interfitting keeper and	70 102+
Structure	116 137 R+	Cooker	D07 323+	Swinging deadbolt type	70 136
Toy	446 209	Packaging	53 DIG. 1	Switchboard	361 600+
Vehicle	116 59	Hot Houses	47 17+	Television	348 836+
Design	D10 120+	Engine cooling vents	180 68.3	Thermometer	374 208+
Horology	368	Hot Pad or Mitt	D29 118+	Transceiver	455 90.3
Horology	968 *	Hot Plate	219 443.1+	Transmitter	455 128
Antimagnetic devices	368 293	Design	D07 362+	Tuner with	334 85
Balances	368 169+	Hot Topping	164 122+	Hovering Vehicles	180 116+
Clocks	368 62+	Hot Tops	249 106	Howitzers (See Gun)	
Design	D10 30+	Hot Water Bottle	383 901*	Hub	
Dial trains	368 220+	Design	D24 207+	Automobile light combined	362 487
Dials	368 232+	Hot Water Furnace	122	Bearing	
Dials hands	368 238+	Hot Wire Meters	324 106	Ball	384 544
Escapements	368 124+	Hotel		Roller	384 589
Invertible, hour glass type	368 93	Open bar in room	705 15	Brake	
Parking meter type	368 90+	Hounds		Operator	188 114
Pendulums	368 134+	Vehicle	280 139	Transmission	192 217.3+
Safety wheels	368 181+	Draft pole combined	278 43	Vehicle	188 17+
Watches	368 62+	Hour Glass	368 93	Velocipede	188 26
Horse				Cap	301 108.1+
Blankets	54 79.1			Lock	70 259+

Class Subclass	Class Subclass	Class Subclass
Groove railway 295 45+	Power operated 56 14.1+	Reducing compositions 252 188.25+
Impeller 416 204 R+	Process 426 482+	Hydrindone 568 327
Land vehicle 301 105.1+	Hybrid Cell Formation 435 449+	Hydrins 558 303+
Compression plural spoke series 301 74+	Hydantoin 548 317.1+	Chlor 568 841+
Compression single spoke series 301 80+	Hydrocarbic Acid 562 413	Hydrolysis of 568 859+
Tension 301 59+	Hydrant D23 234	Cyan 558 451+
Wrench 301 116	Charged sprinkler 239 148	Hydriodic Acid 423 481
Manufacture and assembly 29 894.36+	Structure 137 272+	Hydrocarbons 585
Boring 408 72 R	Syringe 604 150	Apparatus of recited composition 585 920*
Special woodworking machines 144 16	Hydrastinine 546 90	Apparatus structure recited 585 921*
Runner vehicle 280 14	Hydrate of Hydrocarbon 585 15	Reactor fluid manipulating
Wrench 81 75+	Hydrators Lime 422 162	device 585 922*
Hub Odometers 235 95 B+	Hydraulic	Reactor shape or disposition 585 924*
Hull	Accumulator 138 26+	Azeotropic distillation with 203 68+
Airship 244 125	Apparatus	Blended or composition 585 1+
Cleaning implements 114 222	Aircraft control 244 226+	Compound 585 16+
Rotary for propulsion 440 99	Bar and tube drawing 72 287+	Drying oil hydrocarbon 585 945*
Ship 114 56.1+	Bulldozer blade control 172 812	Fischer tropesch synthesis 518 700+
Small boat 114 355+	Conveyer 406	Gas separation 95
Huller (See Husker)	Pump 415	Hydrate of 585 15
Boll 19 35+	Punching machine 83 639.1	Inorganic material conversion 585 943*
Gin saw combined 19 56	Pushing and pulling implements 254 93 R	Low molecular weight polymer
Clover 460 15	Snowplow blade control 37 234	compositions 106 901*
Grain	Testing 73 168	Mineral oils 208
Abrasive or impact 99 600+	Bark rossing 144 208.3	Opening of hydrocarbon ring 585 940*
Apparatus combined 241 101.01	Brake 188 151 R+	Polymerized unsaturates only (see
By solid agent 426 483	Electric fluid alarm 340 450+	also synthetic resin or natural
Other comminution combined 241 7	Fluid 252 71+	rubber) 526 335+
Nut 99 568+	Fluid alarm 116 28 R+	Purification 585 800+
Skinner or blancher 99 623+	Line valve 137 598	Radiant resistant composition 585 944*
Hulling	Pulsator 60 533+	Carbonium ion production 585 942*
Grain 426 481+	Cement	Recovering hydrocarbon
Apparatus 99 600+	Composition 106 638+	Solvent extraction 585 833+
Hum Bucking in an Amplifier 330 149	Glass combined 501 32	Werner complex formation 585 850
Human Chorionic Gonadotropin, Hcg,	Manufacture 106 739+	Recycling
Testing 436 818*	Clutch coupling or transmission 74 730.1+	Diluent or mass-action agent 585 901*
Humanities, Computer Applications 704 1+	Accumulator type 138 26+	Hydrogen to control reaction 585 903*
Humidifiers Gas 261	Planetary gearing combined 475 31+	Solvent and catalyst 585 902*
Air heating furnace combined 126 113	Vehicle spring combined 267 2+	Synthesis
Auto humidifier 261 DIG. 4	Dynamometers 73 862+	Alicyclic 585 350+
Cabinet combined 312 31+	Tensile strain testing 73 836	Aromatic 585 400+
Design D23 359	Endless flexible track adjusting 305 145+	By-product conversion to feed 585 905*
Drier combined 34	Engineering 405 52	Condition-responsive control in
Duct 261 DIG. 15	Caissons 405 8+	alicyclic synthesis 585 956*
Gas separation combined 96	Diving 405 185+	Cooling by evaporation 585 914*
Pad retaining means in 261 DIG. 41	Drydocks 405 4+	Corrosion prevention 585 950*
Radiator combined 237 78 R	Marine structures in shifting	Cyclic polymerization 585 415
Residue prevention in 261 DIG. 46	media 405 195.1+	Diels-alder reaction 585 361
Slow diffusers 239 34+	Marine ways 405 2	Isotope exchange 585 941*
Ventilator combined 454	Pipe & cable laying 405 154.1+	Mass-action phenomenon 585 954*
Humidity	Ship caissons 405 12	Pulsed, sonic, plasma processes 585 953*
Meter (see hygrometer)	Tunnel 405 132+	Rehabilitation of hydrogen
Regulation (see air moistener) 236	Underground fluid storage 405 53+	acceptor 585 900*
Automatic 261 DIG. 34	Water control 405 52+	Saturated 585 700+
Drying apparatus combined 34 557	Jack 254 93 R	Specified mixing procedure 585 955*
Heat exchange process 165 222+	Motor and pump 60 325+	Start-up procedure 585 951*
Heat exchanger combined 165 222+	Mains	Stopping or retarding procedure 585 952*
Tobacco treatment 131 303	Flow control 137	Unsaturated 585 500+
Humidor 312 31+	Structure 138 177	Waxy hydrocarbon polymer production 585 946*
Design D27 186+	Metal injector 164 314+	Hydrocellulose 536 56+
Humming (See Vibration, Dampers)	Motor regulators 137 505+	Nitrogen containing 536 30+
Humus 71 24	Speed responsive 415 30+	Hydrocephalus Pumps 604 8
Hunting 43	Torque responsive 415 30+	Hydrochloric Acid 423 481+
Belt with cartridge holder D03 224	Motors (see motor) 91	Hydrocinnamic Acid 562 496
Boats 114 351	Pump combined 60 325+	Hydrocortisone 552 577
Coats 2 94	Power plants 60 325+	Hydrocortisone, in Drug 514 179
Decoys 43 2+	Press	Hydrocracking
Design, general D22	Die shaping 72	Mineral oil 208 46+
Equipment and game carriers 224	Forging 72 453.01+	Paraffin synthesis 585 752
Knife D22 118	Motor pump operator 60 325+	Hydrocyanic Acid 423 364
License holder 40 642.02+	Multiple motors 60 698+	Electrolytic production of 205 551
Badge 40 1.5+	Pressure fluid source & motor 60 325+	Hydrofluoric Acid 423 481
Telescopic gun sight D16 132	Sand mold compactor 164 212	Hydrofluosilic Acid 423 341
Traps 43 58+	Propulsion	Hydrofoils 114 274
Design D22 119+	Motor 60 200.1+	Hydrogen 423 648.1+
Hurdles 482 15+	Railway car 104 154	Alloys for storage 420 900*
Layouts 472 85+	Ship 440 5+	Carbureting 48 199 R
Hurdy Gurdy (See Orchestrion)	Ship 440 5+	Apparatus 48 116+
Husbandry	Pump 417	Compositions containing 252 372+
Animal 119	Ram	Electrolytic synthesis 205 637+
Design D30	Compressor 417 104	Exchange disproportionation
Plant 47	Pump 417 226+	Hydrogenation by 585 257
Design D08 1	Weighing scale 177 208+	Olefin synthesis by 585 656
Husker (See Huller)	Hydrazide (See Amide)	Generative composition 252 188.1+
Corn 460 26+	Hydrazine 423 407+	Ion
Ear separator 99 585	Explosive or thermic	Electrolytic analysis or testing
Feeders for 460 18	composition containing 149 36	for ph 205 787.5
Grain	Organic 564 310+	Testing electrolytic apparatus 204 433
Abrasive or impact 99 600+	Reducing compositions 252 188.1	Testing systems 324 438
By solid agent 426 483	Sulfate 423 388	Peroxide 423 584+
Picker combined 56 103+	Hydrazoic Acid 423 351	Electrolytic synthesis 205 465+
Picker cornstalk type combined 56 64+	Hydrazones 564 250+	Electrostatic field or
	Hydrides 423 644	

Class Subclass		Class Subclass		Class Subclass	
electrical discharge synthesis	204 175	Hydrophenanthrene Carboxylic Acid		Cooler combined.....	62 130
Treatment.....	430 943*	Esters	560 5+	Automatic.....	62 126
Sulphide		Hydrophilic Cellular Synthetic Resin		Hygroscopic Compositions	252 194
Synthetic resin or natural		Or Natural Rubber	521 905*	Refrigerated gas drying.....	62 271
rubber vulcanization with.....	525 343+	Hydrophobic Cellular Synthetic Resin		Process.....	62 94
Hydrogenation		Or Natural Rubber	521 905*	Refrigeration utilizing.....	62 476+
Co.....	518 700+	Hydrophone	367 140+	Automatic.....	62 141+
Coal.....	208 400+	Hydrophthalic Acid	562 509	Process.....	62 101+
Electrolytic.....	205 413+	Hydroplane Boats	114 271+	Vacuumized chamber.....	62 269
Fatty oils.....	554 141+	Hydroponics	47 59 R+	Hygrostat	73 29.02+
Hydrocarbons.....	585 250+	Hydroquinone	568 763+	Humidity control.....	236 44 R
Aromatic.....	585 266+	Hydrosols (See Colloids)		Refrigeration control.....	62 176.1
Synthesis.....	585 250+	Hydrostatic Extrusion	72 711*	Hypnotic Composition	424
Mineral oils.....	208	Hydrotherapy Units	D24 201+	Hypo	423 511+
Natural resins.....	530 200+	Hydroxamate Esters	560 312+	Hypochlorite	423 473
No2 compound reduction.....	564 416+	Hydroxide (See Hydroxy Compounds)		Biocides containing.....	424 661+
Polymers.....	525 338+	Ammonium electrolytic production..	205 551	Bleaching composition.....	252 187.1+
Rosin.....	530 223	Bases.....	423 592.1+	Cleaning or detergent	
Hydrolysis		Bindant or reactant.....	252 193	composition with.....	510 119+
Alkyl halides to alcohols.....	568 891+	Electrolytic production of.....	205 508+	Cleaning or detergent	
Alkyl sulfates to alcohols.....	568 886+	Electrolytic treatment of alkali		composition with.....	510 380
Polyhydric.....	568 858	forming hydroxide.....	205 762	Hypodermic	
Apparatus for carbohydrate.....	127 1	Hydroxylamine Organic	564 300+	Ammunition.....	102 512
Carbohydrate.....	127 36+	O-esters, o-ethers.....	564 300	Surgical.....	604 187+
Fats oils waxes.....	554 160+	Hygiene, Feminine		Design.....	D24 113+
Fermentative.....	435	Tampons.....	604 358+	Syringe package.....	206 364+
Halides to phenols.....	568 796	X-art collection.....	604 904*	Hypohalite Esters	560 300
Hydrometallurgy		Hygrometer	73 29.02+	Hypolon T M (See Synthetic Resin or	
Hydrometer		Dielectric.....	324 663+	Natural Rubber)	
Chemical analysis, apparatus.....	422 82.05	Electric		Hyponitrite Esters	560 316
Design.....	D10 84	Capacitance change.....	324 665	Hypophosphites Inorganic	423
Design.....	D10 84	Resistance change.....	324 694	Hyposulphites	423 511
Integral with battery.....	429 90+	Hygroscopic	73 29.02+	Hypoxanthine - (See Inosine)	536 27.8