

APPENDIX F - U.S. PATENT CLASSIFICATION

002	Apparel	051	Abrasive tool making process, material, or composition
004	Baths, closets, sinks, and spittoons	052	Static structures (e.g., buildings)
005	Beds	053	Package making
007	Compound tools	054	Harness
008	Bleaching and dyeing; fluid treatment and chemical modification of textiles and fibers	055	Gas separation
012	Boot and shoe making	056	Harvesters
014	Bridges	057	Textiles: spinning, twisting, and twining
015	Brushing, scrubbing, and general cleaning	059	Chain, staple, and horseshoe making
016	Miscellaneous hardware	060	Power plants
019	Textiles: fiber preparation	062	Refrigeration
023	Chemistry: physical processes	063	Jewelry
024	Buckles, buttons, clasps, etc.	065	Glass manufacturing
026	Textiles: cloth finishing	066	Textiles: knitting
027	Undertaking	068	Textiles: fluid treating apparatus
028	Textiles: manufacturing	069	Leather manufactures
029	Metal working	070	Locks
030	Cutlery	071	Chemistry: fertilizers
033	Geometrical instruments	072	Metal deforming
034	Drying and gas or vapor contact with solids	073	Measuring and testing
036	Boots, shoes, and leggings	074	Machine element or mechanism
037	Excavating	075	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures
038	Textiles: ironing or smoothing	076	Metal tools and implements, making
040	Card, picture, or sign exhibiting	079	Button making
042	Firearms	081	Tools
043	Fishing, trapping, and vermin destroying	082	Turning
044	Fuel and related compositions	083	Cutting
047	Plant husbandry		
048	Gas: heating and illuminating		
049	Movable or removable closures		

-
- | | | | |
|-----|--|-----|---|
| 084 | Music | 126 | Stoves and furnaces |
| 086 | Ammunition and explosive-charge making | 127 | Sugar, starch, and carbohydrates |
| 087 | Textiles: braiding, netting, and lace making | 128 | Surgery |
| 089 | Ordnance | 131 | Tobacco |
| 091 | Motors: expansible chamber type | 132 | Toilet |
| 092 | Expansible chamber devices | 134 | Cleaning and liquid contact with solids |
| 095 | Gas separation: processes | 135 | Tent, canopy, umbrella, or cane |
| 096 | Gas separation: apparatus | 136 | Batteries: thermoelectric and photoelectric |
| 099 | Foods and beverages: apparatus | 137 | Fluid handling |
| 100 | Presses | 138 | Pipes and tubular conduits |
| 101 | Printing | 139 | Textiles: weaving |
| 102 | Ammunition and explosives | 140 | Wireworking |
| 104 | Railways | 141 | Fluent material handling, with receiver or receiver coating means |
| 105 | Railway rolling stock | 142 | Wood turning |
| 106 | Compositions: coating or plastic | 144 | Woodworking |
| 108 | Horizontally supported planar surfaces | 147 | Coopering |
| 109 | Safes, bank protection, or a related device | 148 | Metal treatment |
| 110 | Furnaces | 149 | Explosive and thermic compositions or charges |
| 111 | Planting | 150 | Purses, wallets, and protective covers |
| 112 | Sewing | 152 | Resilient tires and wheels |
| 114 | Ships | 156 | Adhesive bonding and miscellaneous chemical manufacture |
| 116 | Signals and indicators | 157 | Wheelwright machines |
| 117 | Single-crystal, oriented-crystal, and epitaxy growth processes; non-coating apparatus therefor | 159 | Concentrating evaporators |
| 118 | Coating apparatus | 160 | Flexible or portable closure, partition, or panel |
| 119 | Animal husbandry | 162 | Paper making and fiber liberation |
| 122 | Liquid heaters and vaporizers | 163 | Needle and pin making |
| 123 | Internal-combustion engines | 164 | Metal founding |
| 124 | Mechanical guns and projectors | 165 | Heat exchange |
| 125 | Stone working | | |

-
- | | | | |
|-----|---|-----|---|
| 166 | Wells | 201 | Distillation: processes, thermolytic |
| 168 | Farriery | 202 | Distillation: apparatus |
| 169 | Fire extinguishers | 203 | Distillation: processes, separatory |
| 171 | Unearthing plants or buried objects | 204 | Chemistry: electrical and wave energy |
| 172 | Earth working | 205 | Electrolysis: processes, compositions used therein, and methods of preparing the compositions |
| 173 | Tool driving or impacting | 206 | Special receptacle or package |
| 174 | Electricity: conductors and insulators | 208 | Mineral oils: processes and products |
| 175 | Boring or penetrating the earth | 209 | Classifying, separating, and assorting solids |
| 177 | Weighing scales | 210 | Liquid purification or separation |
| 178 | Telegraphy | 211 | Supports: racks |
| 180 | Motor vehicles | 212 | Traversing hoists |
| 181 | Acoustics | 213 | Railway draft appliances |
| 182 | Fire escape, ladder, or scaffold | 215 | Bottles and jars |
| 184 | Lubrication | 216 | Etching a substrate: processes |
| 185 | Motors: spring, weight, or animal powered | 217 | Wooden receptacles |
| 186 | Merchandising | 218 | High-voltage switches with arc preventing or extinguishing devices |
| 187 | Elevator, industrial lift truck, or stationary lift for vehicle | 219 | Electric heating |
| 188 | Brakes | 220 | Receptacles |
| 190 | Trunks and hand-carried luggage | 221 | Article dispensing |
| 191 | Electricity: transmission to vehicles | 222 | Dispensing |
| 192 | Clutches and power-stop control | 223 | Apparel apparatus |
| 193 | Conveyors, chutes, skids, guides, and ways | 224 | Package and article carriers |
| 194 | Check-actuated control mechanisms | 225 | Severing by tearing or breaking |
| 196 | Mineral oils: apparatus | 226 | Advancing material of indeterminate length |
| 198 | Conveyors: power-driven | 227 | Elongated-member-driving apparatus |
| 199 | Type casting | 228 | Metal fusion bonding |
| 200 | Electricity: circuit makers and breakers | | |

-
- | | | | |
|-----|--|-----|--|
| 229 | Envelopes, wrappers, and paperboard boxes | 264 | Plastic and nonmetallic article shaping or treating: processes |
| 231 | Whips and whip apparatus | 266 | Metallurgical apparatus |
| 232 | Deposit and collection receptacles | 267 | Spring devices |
| 234 | Selective cutting (e.g., punching) | 269 | Work holders |
| 235 | Registers | 270 | Sheet-material associating |
| 236 | Automatic temperature and humidity regulation | 271 | Sheet feeding or delivering |
| 237 | Heating systems | 273 | Amusement devices: games |
| 238 | Railways: surface track | 276 | Typesetting |
| 239 | Fluid sprinkling, spraying, and diffusing | 277 | Seal for a joint or juncture |
| 241 | Solid material comminution or disintegration | 278 | Land vehicles: animal draft appliances |
| 242 | Winding, tensioning, or guiding | 279 | Chucks or sockets |
| 244 | Aeronautics | 280 | Land vehicles |
| 245 | Wire fabrics and structure | 281 | Books, strips, and leaves |
| 246 | Railway switches and signals | 283 | Printed matter |
| 248 | Supports | 285 | Pipe joints or couplings |
| 249 | Static molds | 289 | Knots and knot tying |
| 250 | Radiant energy | 290 | Prime-mover dynamo plants |
| 251 | Valves and valve actuation | 291 | Track sanders |
| 252 | Compositions | 292 | Closure fasteners |
| 254 | Implements or apparatus for applying pushing or pulling force | 293 | Vehicle fenders |
| 256 | Fences | 294 | Handling: hand and hoist-line implements |
| 257 | Active solid-state devices (e.g., transistors, solid-state diodes) | 295 | Railway wheels and axles |
| 258 | Railway mail delivery | 296 | Land vehicles: bodies and tops |
| 260 | Chemistry of carbon compounds | 297 | Chairs and seats |
| 261 | Gas and liquid contact apparatus | 298 | Land vehicles: dumping |
| | | 299 | Mining or in situ disintegration of hard material |
| | | 300 | Brush, broom, and mop making |
| | | 301 | Land vehicles: wheels and axles |
| | | 303 | Fluid-pressure and analogous brake systems |
| | | 305 | Wheel substitutes for land vehicles |

-
- | | | | |
|-----|--|-----|---|
| 307 | Electrical transmission or interconnection systems | 338 | Electrical resistors |
| 310 | Electrical generator or motor structure | 340 | Communications: electrical |
| 312 | Supports: cabinet structure | 341 | Coded data generation or conversion |
| 313 | Electric lamp and discharge devices | 342 | Communications: directive radio wave systems and devices (e.g., radar, radio navigation) |
| 314 | Electric lamp and discharge devices: consumable electrodes | 343 | Communications: radio wave antennas |
| 315 | Electric lamp and discharge devices: systems | 345 | Computer graphics processing, operator interface processing, and selective visual display systems |
| 318 | Electricity: motive power systems | 346 | Recorders |
| 320 | Electricity: battery or capacitor charging or discharging | 347 | Incremental printing of symbolic information |
| 322 | Electricity: single generator systems | 348 | Television |
| 323 | Electricity: power supply or regulation systems | 349 | Liquid crystal cells, elements and systems |
| 324 | Electricity: measuring and testing | 351 | Optics: eye examining, vision testing and correcting |
| 326 | Electronic digital logic circuitry | 352 | Optics: motion pictures |
| 327 | Miscellaneous active electrical nonlinear devices, circuits, and systems | 353 | Optics: image projectors |
| 329 | Demodulators | 355 | Photocopying |
| 330 | Amplifiers | 356 | Optics: measuring and testing |
| 331 | Oscillators | 358 | Facsimile and static presentation processing |
| 332 | Modulators | 359 | Optics: systems (including communication) and elements |
| 333 | Wave transmission lines and networks | 360 | Dynamic magnetic information storage or retrieval |
| 334 | Tuners | 361 | Electricity: electrical systems and devices |
| 335 | Electricity: magnetically operated switches, magnets, and electromagnets | 362 | Illumination |
| 336 | Inductor devices | 363 | Electric power conversion systems |
| 337 | Electricity: electrothermally or thermally actuated switches | 365 | Static information storage and retrieval |

-
- | | | | |
|-----|--|-----|--|
| 366 | Agitating | 396 | Photography |
| 367 | Communications, electrical:
acoustic wave systems and
devices | 399 | Electrophotography |
| 368 | Horology: time measuring
systems or devices | 400 | Typewriting machines |
| 369 | Dynamic information storage
or retrieval | 401 | Coating implements with
material supply |
| 370 | Multiplex communications | 402 | Binder device releasably
engaging aperture or notch
of sheet |
| 372 | Coherent light generators | 403 | Joints and connections |
| 373 | Industrial electric heating
furnaces | 404 | Road structure, process, or
apparatus |
| 374 | Thermal measuring and
testing | 405 | Hydraulic and earth
engineering |
| 375 | Pulse or digital communica-
tions | 406 | Conveyors: fluid current |
| 376 | Induced nuclear reactions:
processes, systems, and
elements | 407 | Cutters, for shaping |
| 377 | Electrical pulse counters,
pulse dividers, or shift
registers: circuits and
systems | 408 | Cutting by use of rotating
axially moving tool |
| 378 | X-ray or gamma ray systems
or devices | 409 | Gear cutting, milling, or
planing |
| 379 | Telephonic communications | 410 | Freight accommodation on
freight carrier |
| 380 | Cryptography | 411 | Expanded, threaded, driven,
headed, tool-deformed, or
locked-threaded fastener |
| 381 | Electrical audio signal
processing systems and
devices | 412 | Bookbinding: process and
apparatus |
| 382 | Image analysis | 413 | Sheet metal container making |
| 383 | Flexible bags | 414 | Material or article handling |
| 384 | Bearings | 415 | Rotary kinetic fluid motors or
pumps |
| 385 | Optical waveguides | 416 | Fluid reaction surfaces (i.e.,
impellers) |
| 386 | Television signal processing
for dynamic recording or
reproducing | 417 | Pumps |
| 388 | Electricity: motor control
systems | 418 | Rotary expansible chamber
devices |
| 392 | Electric resistance heating
devices | 419 | Powder metallurgy processes |
| | | 420 | Alloys or metallic composi-
tions |
| | | 422 | Chemical apparatus and
process disinfecting, |

-
- | | | | |
|-----|---|-----|--|
| | deodorizing, preserving, or sterilizing | 446 | Amusement devices: toys |
| 423 | Chemistry of inorganic compounds | 449 | Bee culture |
| 424 | Drug, bio-affecting and body treating compositions | 450 | Foundation garments |
| 425 | Plastic article or earthenware shaping or treating: apparatus | 451 | Abrading |
| 426 | Food or edible material: processes, compositions, and products | 452 | Butchering |
| 427 | Coating processes | 453 | Coin handling |
| 428 | Stock material or miscellaneous articles | 454 | Ventilation |
| 429 | Chemistry: electrical current producing apparatus, product, and process | 455 | Telecommunications |
| 430 | Radiation imagery chemistry: process, composition, or product thereof | 460 | Crop threshing or separating |
| 431 | Combustion | 462 | Books, strips, and leaves for manifolding |
| 432 | Heating | 463 | Amusement devices: games |
| 433 | Dentistry | 464 | Rotary shafts, gudgeons, housings, and flexible couplings for rotary shafts |
| 434 | Education and demonstration | 470 | Threaded, headed fastener, or washer making: process and apparatus |
| 435 | Chemistry: molecular biology and microbiology | 472 | Amusement devices |
| 436 | Chemistry: analytical and immunological testing | 473 | Games using tangible projectile |
| 438 | Semiconductor device manufacturing: process | 474 | Endless belt power transmission systems or components |
| 439 | Electrical connectors | 475 | Planetary gear transmission systems or components |
| 440 | Marine propulsion | 476 | Friction gear transmission systems or components |
| 441 | Buoys, rafts, and aquatic devices | 477 | Interrelated power delivery controls, including engine control |
| 442 | Fabric (woven, knitted, or nonwoven textile or cloth, etc.) | 482 | Exercise devices |
| 445 | Electric lamp or space discharge component or device manufacturing | 483 | Tool changing |
| | | 492 | Roll or roller |
| | | 493 | Manufacturing container or tube from paper; or other manufacturing from a sheet or web |
| | | 494 | Imperforate bowl: centrifugal separators |
| | | 501 | Compositions: ceramic |

-
- | | | | |
|-----|---|-----|--|
| 502 | Catalyst, solid sorbent, or support therefor: product or process of making | 523 | Synthetic resins or natural rubbers -- part of the class 520 series |
| 503 | Record receiver having plural interactive leaves or a colorless color former, method of use, or developer therefor | 524 | Synthetic resins or natural rubbers -- part of the class 520 series |
| 504 | Plant protecting and regulating compositions | 525 | Synthetic resins or natural rubbers -- part of the class 520 series |
| 505 | Superconductor technology: apparatus, material, process | 526 | Synthetic resins or natural rubbers -- part of the class 520 series |
| 507 | Earth boring, well treating, and oil field chemistry | 527 | Synthetic resins or natural rubbers -- part of the class 520 series |
| 508 | Solid anti-friction devices, materials therefor, lubricant or separate compositions for moving solid surfaces, and miscellaneous mineral oil compositions | 528 | Synthetic resins or natural rubbers -- part of the class 520 series |
| 510 | Cleaning compositions for solid surfaces, auxiliary compositions therefor, or processes of preparing the compositions | 530 | Chemistry: natural resins or derivatives; peptides or proteins; lignins or reaction products thereof |
| 512 | Perfume compositions | 532 | Organic compounds -- part of the class 532-570 series |
| 514 | Drug, bio-affecting and body treating compositions | 534 | Organic compounds -- part of the class 532-570 series |
| 516 | Colloid systems and wetting agents; subcombinations thereof; processes of | 536 | Organic compounds -- part of the class 532-570 series |
| 518 | Chemistry: Fischer-Tropsch processes; or purification or recovery of products thereof | 540 | Organic compounds -- part of the class 532-570 series |
| 520 | Synthetic resins or natural rubbers -- part of the class 520 series | 544 | Organic compounds -- part of the class 532-570 series |
| 521 | Synthetic resins or natural rubbers -- part of the class 520 series | 546 | Organic compounds -- part of the class 532-570 series |
| 522 | Synthetic resins or natural rubbers -- part of the class 520 series | 548 | Organic compounds -- part of the class 532-570 series |
| | | 549 | Organic compounds -- part of the class 532-570 series |
| | | 552 | Organic compounds -- part of the class 532-570 series |
| | | 554 | Organic compounds -- part of the class 532-570 series |

-
- | | | | |
|-----|---|-----|---|
| 556 | Organic compounds -- part of the class 532-570 series | 704 | Data processing: speech signal processing, linguistics, language translation, and audio compression/decompression |
| 558 | Organic compounds -- part of the class 532-570 series | | |
| 560 | Organic compounds -- part of the class 532-570 series | 705 | Data processing: financial, business practice, management, or cost/price determination |
| 562 | Organic compounds -- part of the class 532-570 series | | |
| 564 | Organic compounds -- part of the class 532-570 series | 706 | Data processing: artificial intelligence |
| 568 | Organic compounds -- part of the class 532-570 series | 707 | Data processing: database and file management or data structures |
| 570 | Organic compounds -- part of the class 532-570 series | | |
| 585 | Chemistry of hydrocarbon compounds | 708 | Electrical computers: arithmetic processing and calculating |
| 588 | Hazardous or toxic waste destruction or containment | 709 | Electrical computers and digital processing systems: multiple computer or process coordinating |
| 600 | Surgery | | |
| 601 | Surgery: kinesitherapy | 710 | Electrical computers and digital data processing systems: input/output |
| 602 | Surgery: splint, brace, or bandage | | |
| 604 | Surgery | 711 | Electrical computers and digital processing systems: memory |
| 606 | Surgery | | |
| 607 | Surgery: light, thermal, and electrical application | 712 | Electrical computers and digital processing systems: processing architectures and instruction processing (e.g., processors) |
| 623 | Prosthesis (i.e., artificial body members), parts thereof, or aids and accessories therefor | | |
| 700 | Data processing: generic control systems or specific applications | 713 | Electrical computers and digital processing systems: support |
| 701 | Data processing: vehicles, navigation, and relative location | | |
| 702 | Data processing: measuring, calibrating, or testing | 714 | Error detection/correction and fault detection/recovery |
| 703 | Data processing: structural design, modeling, simulation, and emulation | 715 | Data processing: presentation processing of document |
| | | 716 | Data processing: design and analysis of circuit or semiconductor mask |

717	Data processing: software development, installation, and management	D14	Recording, communication, or information retrieval equipment
725	Interactive video distribution systems	D15	Machines not elsewhere specified
800	Multicellular living organisms and unmodified parts thereof and related processes	D16	Photography and optical equipment
901	Robots	D17	Musical instruments
902	Electronic funds transfer	D18	Printing and office machinery
930	Peptide or protein sequence	D19	Office supplies; artists' and teachers' materials
968	Horology	D20	Sales and advertising equipment
976	Nuclear technology	D21	Games, toys, and sports goods
984	Musical instruments	D22	Arms, pyrotechnics, hunting and fishing equipment
987	Organic compounds containing a Bi, Sb, As, or P atom or containing a metal atom of the 6th to 8th group of the periodic system	D23	Environmental heating and cooling; fluid handling and sanitary equipment
D01	Edible products	D24	Medical and laboratory equipment
D02	Apparel and haberdashery	D25	Building units and construction elements
D03	Travel goods and personal belongings	D26	Lighting
D04	Brushware	D27	Tobacco and smokers' supplies
D05	Textile or paper yard goods; sheet material	D28	Cosmetic products and toilet articles
D06	Furnishings	D29	Equipment for safety, protection, and rescue (1)
D07	Equipment for preparing or serving food or drink not elsewhere specified	D30	Animal husbandry
D08	Tools and hardware	D32	Washing, cleaning, or drying machine
D09	Packages and containers for goods	D34	Material or article handling equipment
D10	Measuring, testing, or signaling instruments	D99	Miscellaneous
D11	Jewelry, symbolic insignia, and ornaments	PLT	Plants
D12	Transportation		
D13	Equipment for production, distribution, or transformation of energy		