COMPUTER, DATA PROCESSOR

300 .Mainframe, central data processing or server type
301 .Freestanding console
302 .And paper printout
303 .Provision for seated operator
304 ....And monitor
305 ....Plural
306 ...And monitor
307 ...Cabinet
308 ...Drum unit
309 ...Plural units
310 ...And horizontal louver detail
311 ...And vertical louver detail
312 ...Rack mounted or stacked type
313 ...Desktop type
314 ...Laptop type
315 ...Swivel display support
316 ...Combined with camera
317 ...And touch type cursor pad
318 ...Provision for compact disc (e.g., CD-ROM, etc.)
319 ...Distended or keyboard type
320 ...Front loading
321 ....Screen attached at rear edge
322 ...Side loading
323 ....And handle or extending support or foot member
324 ....And trackball
325 .......Screen attached at rear edge
326 .......Screen attached at rear edge
327 .......And handle or carrying means
328 ....And handset or acoustic coupler
329 ...Acoustic coupler
330 ...Separable, sliding or folding keyboard
331 ...And printing means
332 ...And standard keyboard
333 .And display
334 ....Monitor
335 ....Monitor type (e.g., without keyboard)
336 ...And provision for disk drive
337 .Keypad type
338 ...And display
339 ....And monitor
340 .Pocket type
341 .And stylus or provision therefor
342 ....And antenna
343 ...Wrist or body attached
344 ...Folding or integral cover
345
346 .And keypad
347 .Housing flared at one end
348 .Hard drive for personal computer
349 .Tower type
350 ...And wheels
351 ...Flared or protruding base
352 ....Footed (e.g., extended foot members)
353 .Housing includes texture
354 .Vertical
355 .Horizontal
356 .Peripheral equipment
357 .Converter or interface
358 .Transmitter or receiving unit
359 .Perforated media reader or perforator
360 .Tape specific
361 .Tape reader or drive
362 .Desk top type
363 .Disc drive or reader
364 .Library cabinet type
365 .Desk top
366 ....And distended tray or compartment
367 ...Module type
368 ...Front loading
369 ....Provision for plural disc
370 .Media loader or copier
371 ...Monitor
372 ...Head mounted
373 ...Plural screen
374 ...Flat type
375 ....And adjustable base or support
376 ...And adjustable base
377 ...Swivel type
378 ...Controls at side of screen
379 ...Controls at base of screen
380 ...Circular or oval control member
381 ...Controls on side
382 ...Controls on base
383 .Personal access or verification type
384 ...Fingerprint or retinal verification type
385 ...Card type
386 .Checkreader specific
387 ....Including keypad
388 .Operator Interface or control
389 .Digitizer or touch plate
390 ....And keypad

December 2012
<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>391</td>
<td>Keyboard with chord or fixed hand configuration</td>
</tr>
<tr>
<td>392</td>
<td>Keyboard with conventional key arrangement</td>
</tr>
<tr>
<td>393</td>
<td>Divided or split axis</td>
</tr>
<tr>
<td>394</td>
<td>Adjustable</td>
</tr>
<tr>
<td>395</td>
<td>And piano type keys or keyboard</td>
</tr>
<tr>
<td>396</td>
<td>Plural key array</td>
</tr>
<tr>
<td>397</td>
<td>And trackball</td>
</tr>
<tr>
<td>398</td>
<td>And circular or oval member</td>
</tr>
<tr>
<td>399</td>
<td>Keypad type</td>
</tr>
<tr>
<td>400</td>
<td>Computer game specific</td>
</tr>
<tr>
<td>401</td>
<td>Provision for two hands</td>
</tr>
<tr>
<td>402</td>
<td>Mouse</td>
</tr>
<tr>
<td>403</td>
<td>Simulative</td>
</tr>
<tr>
<td>404</td>
<td>And alignment aid (e.g., cross hairs)</td>
</tr>
<tr>
<td>405</td>
<td>And hand grip</td>
</tr>
<tr>
<td>406</td>
<td>And array of keys</td>
</tr>
<tr>
<td>407</td>
<td>Substantially rectangular in plan</td>
</tr>
<tr>
<td>408</td>
<td>Substantially circular or oval in plan</td>
</tr>
<tr>
<td>409</td>
<td>Asymmetrical in plan</td>
</tr>
<tr>
<td>410</td>
<td>Flared at one end</td>
</tr>
<tr>
<td>411</td>
<td>Stylus</td>
</tr>
<tr>
<td>412</td>
<td>Joystick</td>
</tr>
<tr>
<td>413</td>
<td>And stable base</td>
</tr>
<tr>
<td>414</td>
<td>Plural grip</td>
</tr>
<tr>
<td>415</td>
<td>Grip includes button</td>
</tr>
<tr>
<td>416</td>
<td>Provision for finger</td>
</tr>
<tr>
<td>417</td>
<td>Trackball</td>
</tr>
<tr>
<td>418</td>
<td>Video gun type</td>
</tr>
<tr>
<td>419</td>
<td>Foot operated</td>
</tr>
<tr>
<td>420</td>
<td>Scanner or bar code reader</td>
</tr>
<tr>
<td>421</td>
<td>Console type</td>
</tr>
<tr>
<td>422</td>
<td>Moving document type</td>
</tr>
<tr>
<td>423</td>
<td>Lens parallel and elevated</td>
</tr>
<tr>
<td>424</td>
<td>Platen</td>
</tr>
<tr>
<td>425</td>
<td>And cover</td>
</tr>
<tr>
<td>426</td>
<td>Hand held</td>
</tr>
<tr>
<td>427</td>
<td>Hand or finger attached</td>
</tr>
<tr>
<td>428</td>
<td>Pistol grip</td>
</tr>
<tr>
<td>429</td>
<td>And keypad or plural array of keys</td>
</tr>
<tr>
<td>430</td>
<td>Enclosed grip</td>
</tr>
<tr>
<td>431</td>
<td>Stylus type grip</td>
</tr>
<tr>
<td>432</td>
<td>Element or attachment</td>
</tr>
<tr>
<td>433</td>
<td>Adapter, connector or coupler</td>
</tr>
<tr>
<td>434</td>
<td>Docking station or memory expansion base</td>
</tr>
<tr>
<td>435</td>
<td>Cartridge, chip or card</td>
</tr>
<tr>
<td>435.1</td>
<td>With USB type port or connector</td>
</tr>
<tr>
<td>436</td>
<td>Card type</td>
</tr>
<tr>
<td>437</td>
<td>ICU chip</td>
</tr>
<tr>
<td>438</td>
<td>Three or more contacts</td>
</tr>
<tr>
<td>439</td>
<td>For computer</td>
</tr>
<tr>
<td>440</td>
<td>Cover</td>
</tr>
<tr>
<td>441</td>
<td>Door or panel</td>
</tr>
<tr>
<td>442</td>
<td>Disc, floppy or tape specific</td>
</tr>
<tr>
<td>443</td>
<td>Control type</td>
</tr>
<tr>
<td>444</td>
<td>Including surface texture</td>
</tr>
<tr>
<td>445</td>
<td>Horizontal</td>
</tr>
<tr>
<td>446</td>
<td>Vertical</td>
</tr>
<tr>
<td>447</td>
<td>Support or base</td>
</tr>
<tr>
<td>448</td>
<td>For monitor</td>
</tr>
<tr>
<td>449</td>
<td>Hood or visor</td>
</tr>
<tr>
<td>450</td>
<td>Bezel or shield</td>
</tr>
<tr>
<td>451</td>
<td>Support or base</td>
</tr>
<tr>
<td>452</td>
<td>Adjustable arm type</td>
</tr>
<tr>
<td>453</td>
<td>For scanner or bar code reader</td>
</tr>
<tr>
<td>454</td>
<td>For controller</td>
</tr>
<tr>
<td>455</td>
<td>Keyboard or keypad</td>
</tr>
<tr>
<td>456</td>
<td>Key</td>
</tr>
<tr>
<td>457</td>
<td>Support</td>
</tr>
<tr>
<td>458</td>
<td>Mouse pad</td>
</tr>
<tr>
<td>459</td>
<td>And elevated wrist support</td>
</tr>
<tr>
<td>460</td>
<td>Wrist support</td>
</tr>
<tr>
<td>461</td>
<td>Elongated</td>
</tr>
<tr>
<td>462</td>
<td>.Console or floor type</td>
</tr>
<tr>
<td>463</td>
<td>.Platen</td>
</tr>
<tr>
<td>464</td>
<td>.And handle or provision for carrying</td>
</tr>
<tr>
<td>465</td>
<td>.And handset or cradle therefor</td>
</tr>
<tr>
<td>466</td>
<td>.Handset located at side</td>
</tr>
<tr>
<td>467</td>
<td>.And distended document tray or support</td>
</tr>
<tr>
<td>468</td>
<td>.Distended document tray or support</td>
</tr>
<tr>
<td>469</td>
<td>.Plural</td>
</tr>
<tr>
<td>470</td>
<td>.Element or attachment</td>
</tr>
<tr>
<td>471</td>
<td>.Light pulse type</td>
</tr>
<tr>
<td>472</td>
<td>.Cassette for tape</td>
</tr>
<tr>
<td>473</td>
<td>.Dual reel</td>
</tr>
<tr>
<td>474</td>
<td>.And integral cover (e.g., video cassette)</td>
</tr>
<tr>
<td>475</td>
<td>.Disc type (e.g., CD-ROM, floppy disc, etc.)</td>
</tr>
<tr>
<td>476</td>
<td>.And rectangular cover (e.g., floppy)</td>
</tr>
<tr>
<td>477</td>
<td>.And visible shutter</td>
</tr>
</tbody>
</table>

December 2012
CLASS D14 RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL
EQUIPMENT

480.1 Flash drive type
480.2 ..Simulative
480.3 ..Combined with diverse article
480.4 ..Biometric type
480.5 ...With cap or cover
480.6 ...Swivel type
480.7 ...With retractable port
481 Photographical film type cartridge cassette
482 ..Transparency or mount
483 ..Element or attachment
484 ..Reel, spool or hub
484.1 ..Flash drive specific
485 GENERATED IMAGE
486 ...Drop down menu or full screen menu type
487 ..Button bar or scroll type
488 ..Plural image or array
489 ..Icon
490 ...And letter, number, or word
491 ...And arrow
492 ..Simulative
493 ...Document
494 ...Animate
495 ...Humanoid
496 VIDEO OR AUDIO TRANSMISSION, RECORDING OR PLAYBACK EQUIPMENT
497 ..Karaoke system or accessory
498 ..Disc type player or recorder
499 ..Disc oriented vertically
500 ..Shelf type
501 ...With lid, cover or screen that folds or retracts
502 ...Front loading
503 ....With extended disc tray
504 .....Provision for plural disc
505 .......With array of three or more identical control members
506 .....Circular
507 ..Hand held or pocket type
508 ...Simulative
509 ...Round or oval body or case
510 ...Curved on one side
511 ..Element or attachment
512 ..Video
516 ..Receiver or monitor
517 ...Plural screens
518 ..Projection type
519 ...Combined
520 ....With telephone
521 ....With radio or phonograph
522 ....With swinging or sliding closure
133 ...Console type
134 ...With carrying handle
135 ..Tape recorder or player
137 ..Radio transceiver (e.g., walkie-talkie, 2-way radio, etc.)
138 R ..Mobile telephone type (i.e., cellular or cordless unit with provision for initiation or reception of telephone calls)
138 AA ...Straight type
138 AB ...Foldable or flip type
138 AC ...Revolving type
138 AD ...Slide type
138 C ...With camera detail
138 G ...With specific display
139 ..Citizens band
140 ..Telephone equipment
140.1 ..Signal processor type
140.2 ...Freestanding console or cabinet
140.3 ....And vertical louver or detail
140.4 ...Rack mounted or stacked type
140.5 ...Pedestal or exterior type
140.6 ....Pole mounted
140.7 ...Switchboard or multiple line access
140.8 ....Desktop type
140.9 ....With provision for telephone set attachment
140.11 ......Includes screen
141.1 ..Answering machine
141.2 ...Includes screen
141.3 ..Caller identification machine
142 ..Telephone or base therefor
143 ...Simulative
144 ...Combined with diverse article (e.g., radio, etc.) (4)
145 ...With plural handsets
146 ...Coin or card operated
147 ...Unitary-type (i.e., with integrated mouthpiece, earpiece, dialing means, and disconnect)
148 ...Dialing means on handset
149 ...Freestanding (5)
150 ....With provision for dialing or switching (i.e., keyset touch panel, dial, etc.)
151 ......Handset to side of dial
152 ......Rotary dial
153 ......Rotary dial
154 .Dictating or transcribing
155 .Radio transmitter (6)
157 ..Vehicle radio or recorded material player

December 2012
CLASS D14 RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL EQUIPMENT

1. Voice synthesizer or translator
2. Intercom
3. Magnetic recorder or player
4. Tape
5. Combined (e.g., with radio, turntable, etc.)
6. Portable
7. Cartridge or cassette type
8. Portable
9. Provision for juxtaposed reels
10. Recorder
11. Combined (8)
12. Radio or amplifier and phonograph
13. Radio and clock
14. Digital type
15. Speaker and diverse article
16. Coin operated type phonograph or radio, (e.g., jukebox, etc.)
17. Simulative
18. Musical instrument or symbol (e.g., lyre, piano, etc.)
19. Wickerwork
20. Three or more repeats, or uniform configuration, about axis
21. Triangular in plan
22. Curved front or side in plan
23. Bilaterally symmetrical (9)
24. Public address system
25. Hand held
26. Megaphone or bullhorn type
27. Radio receiver, tuner or amplifier, or housing therefor
28. Simulative
29. Humanoid
30. Paging device (e.g., beeper, etc.)
31. Body or clothing attached
32. With closure or swinging panel
33. Front mounted speaker or provision therefor
34. Circular
35. With handle or provision therefor
36. With visible control
37. Dial or readout panel
38. Phonograph or housing therefor
39. Simulative
40. With carrying handle or provision therefor
41. With swinging or removable cover
42. Exposed turntable
43. Pocket or portable type
44. Folding body or case
45. Body attached
46. Round or oval case
47. Includes screen
48. Combined with stand
49. Speaker or housing therefor (10)
50. Headphone or headset
51. With microphone
52. And distinct pedestal or legs
53. Three or more repeats, or uniform configuration, about axis
54. Sound projection on vertical axis
55. Rectangular or square projection surface or outlet
56. Circular or oval outlet or grille
57. Circular or oval
58. Element or attachment (11)
59. Remote control
60. Grille
61. Simulative
62. Speaker (12)
63. Transducer or diaphragm (e.g., driver, magnet, etc.)
64. Headphone
65. Support (e.g., mounting panel, basket, frame, etc.)
66. Digital media specific
67. Microphone
68. Combined with diverse article
69. Freestanding or with pedestal
70. Circular or oval in cross-section
71. Holder or support
72. Antenna or component thereof (27)
73. Bowl or dish type for satellite signal reception

December 2012
Formal definitions are available for new subclasses 300 through 496, 260.1 and 900 through 902. See http://www.uspto.gov/web/offices/pac/clasdefs

(2) For film recording or viewing equipment, see Class D16. Includes virtual reality type equipment.

(3) If recorder is integrated with video camera, see D16-202.

(4) For combination with television, see subclass 130.

(5) For instrument which is exclusively wall mounted, see subclasses 142-146.

(6) For receiver, see subclasses 168+ or 188+. For model automobile, airplane, etc., control transmitter, see D21-141. 1.

(7) For combination with telephone or handset, see subclasses 142+.

(8) Excludes combination of radio, amplifier or phonograph with speaker, per se; see subclasses 188+ or 199+.

(9) Exclusive of knob or crank.

(10) Includes megaphone; For grille, per se, see subclass 219.

(11) Includes, in this subclass, equalizer and sound channel mixer. Includes "visual stimulation unit" for audio components.

(12) Includes control, crossover network unit, etc.

(13) For cable television decoder/tuner or signal switcher, see subclass 125. Includes prompting device.

(22) For modem combined with computer terminal, see subclass 101.

(23) If handset discloses dialing means, it is considered to be a telephone and is therefore classified in subclasses 147 or 148.

(24) For amplifying earpiece, see subclass 243.

(26) For vehicle-integrated type, see subclass 157.

(27) Includes impedance-matching transformer.
CLASS D14 RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL EQUIPMENT