

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
CLASSIFICATION ORDER 1828  
November 4, 2003  
Project No. D6663

	<u>Class</u>	<u>Subclass</u>	<u>Art Unit</u>	<u>Ex'r Search Room No.</u>
<b>Abolished:</b>	D14	141, 241	2913	N/A
<b>Established:</b>	D14	140.1-140.9, 140.11, 141.1-141.3	2913	N/A
<b>Title Change:</b>	D14	496	2913	N/A

**The following classes are impacted by this project:**

Class(es): None

**This order includes the following:**

- A. CLASSIFICATION MANUAL CHANGES
- B. LISTING OF PRINCIPAL SOURCE OF ESTABLISHED  
AND DISPOSITION OF ABOLISHED PAGES
- C. CHANGES TO THE U. S. - I. P. C. CONCORDANCE;
- D. DEFINITION CHANGES

U.S. DEPARTMENT OF COMMERCE  
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Project Leader(s): Charles Rademaker

Examiner(s): Jeffery Asch

Editor: Varona Stevens

DECEMBER 2003

300	COMPUTER, DATA PROCESSOR EQUIPMENT	360	...Tape specific
301	..Mainframe, central data processing or server type	361	..Tape reader or drive
302	..Freestanding console	362	...Desk top type
303	...And paper printout	363	..Disc drive or reader
304	...Provision for seated operator	364	...Library cabinet type
305	....And monitor	365	...Desk top
306	....Plural	366	....And distended tray or compartment
307	...And monitor	367	....Module type
308	..Cabinet	368	....Front loading
309	...Drum unit	369	....Provision for plural disc
310	...Plural identical units	370	..Media loader or copier
311	...And horizontal louver detail	371	..Monitor
312	...And vertical louver detail	372	...Head mounted
313	..Rack mounted or stacked type	373	...Plural screen
314	..Desktop type	374	...Flat type
315	..Laptop type	375	....And adjustable base or support
316	...Swivel display support	376	...And adjustable base
317	...Combined with camera	377	....Swivel type
318	...And touch type cursor pad	378	....Controls at side of screen
319	...Provision for compact disc (e.g., CD-ROM, etc.)	379	....Controls at base of screen
320	...Distended or keyboard type	380	....Circular or oval control member
321	...Front loading	381	..Controls on side
322	...Screen attached at rear edge	382	..Controls on base
323	...Side loading	383	..Personal access or verification type
324	....And handle or extending support or foot member	384	...Fingerprint or retinal verification type
325	....And trackball	385	...Card type
326	....Screen attached at rear edge	386	....Checkreader specific
327	...Screen attached at rear edge	387	....Including keypad
328	..And handle or carrying means	388	..Operator Interface or control
329	..And handset or acoustic coupler	389	...Digitizer or touch plate
330	...Acoustic coupler	390	...And keypad
331	..Separable, sliding or folding keyboard	391	...Keyboard with chord or fixed hand configuration
332	..And printing means	392	...Keyboard with conventional key arrangement
333	..And standard keyboard	393	....Divided or split axis
334	...And display	394	....Adjustable
335	....And monitor	395	....And piano type keys or keyboard
336	..Monitor type (e.g., without keyboard)	396	....Plural key array
337	...And provision for disk drive	397	....And trackball
338	..Keypad type	398	....And circular or oval member
339	...And display	399	...Keypad type
340	....And monitor	400	...Computer game specific
341	..Pocket type	401	....Provision for two hands
342	..And stylus or provision therefor	402	...Mouse
343	..And antenna	403	....Simulative
344	..Wrist or body attached	404	....And alignment aid (e.g., cross hairs)
345	..Folding or integral cover	405	....And hand grip
346	..And keypad	406	....And array of keys
347	...Housing flared at one end	407	...Substantially rectangular in plan
348	..Hard drive for personal computer	408	...Substantially circular or oval in plan
349	..Tower type	409	....Asymmetrical in plan
350	...And wheels	410	....Flared at one end
351	...Flared or protruding base	411	...Stylus
352	....Footed (e.g., extended foot members)	412	...Joystick
353	..Housing includes texture	413	....And stable base
354	..Vertical	414	....Plural grip
355	..Horizontal	415	....Grip includes button
356	..Peripheral equipment		
357	..Converter or interface		
358	..Transmitter or receiving unit		
359	..Perforated media reader or perforator		

# Title Change  
\* Newly Established Subclass

@ Indent Change  
& Position Change

DECEMBER 2003

COMPUTER, DATA PROCESSOR EQUIPMENT	471	.Element or attachment
.Peripheral equipment	472	TELEGRAPH EQUIPMENT
..Operator Interface or control	473	.Light pulse type
...Joystick	474	RECORDING MEDIA OR CARRIER
....And stable base	475	.Cassette for tape
.....Grip includes button	476	..Dual reel
416 .....Provision for finger	478	.Disc type (e.g., CD-ROM, floppy disc, etc.)
417 ...Trackball		..And integral cover (e.g., video cassette)
418 ...Video gun type	477	..And rectangular cover (e.g., floppy)
419 ...Foot operated		...And visible shutter
420 ..Scanner or bar code reader	479	.Photographic film type cartridge cassette
421 ...Console type	480	..Transparency or mount
422 ...Moving document type	481	.Element or attachment
423 ...Lens parallel and elevated		..Reel, spool or hub
424 ...Platen	482	GENERATED IMAGE
425 ....And cover	483	.Drop down menu or full screen menu type
426 ...Hand held	484	.Button bar or scroll type
427 ...Hand or finger attached	485	.Plural image or array
428 ....Pistol grip	486	.Icon
429 .....And keypad or plural array of keys	487	..And letter, number, or word
430 ....Enclosed grip	488	..And arrow
431 ...Stylus type grip	489	..Simulative
432 .Element or attachment	490	...Document
433 ..Adapter, connector or coupler	491	...Animate
434 ..Docking station or memory expansion base	492	....Humanoid
435 ..Cartridge, chip or card	493	VIDEO OR AUDIO TRANSMISSION, RECORDING OR PLAYBACK EQUIPMENT
436 ...Card type	494	.Video
437 ...ICU chip	495	..Receiver or monitor
438 ...Three or more contacts	496	...Plural screens
439 ..For computer	125	...Projection type
440 ...Cover	126	...Combined
441 ...Door or panel	127	....With telephone
442 ....Disc, floppy or tape specific	128	....With radio or phonograph
443 ....Control type	129	...With swinging or sliding closure
444 ....Including surface texture	130	..Console type
445 .....Horizontal	131	...With carrying handle
446 .....Vertical	132	..Tape or disc recorder or player (3)
447 ...Support or base	133	...Disc
448 ..For monitor	134	.Radio transceiver (e.g., walkie-talkie, 2-way radio, etc.)
449 ...Hood or visor	135	..Mobile telephone type (i.e., cellular or cordless unit with provision for initiation or reception of telephone calls)
450 ...Bezel or shield	136	..Citizens band
451 ...Support or base	137	.Telephone equipment
452 ....Adjustable arm type	138	..Signal processor type
453 ..For scanner or bar code reader		...Freestanding console or cabinet
454 ..For controller		....And vertical louver or detail
455 ...Keyboard or keypad		...Rack mounted or stacked type
456 ....Key	139	...Pedestal or exterior type
457 ....Support	140	....Pole mounted
458 ...Mouse pad	140.1	...Switchboard or multiple line access
459 ....And elevated wrist support	140.2	....Desktop type
460 ...Wrist support	140.3	....With provision for telephone set attachment
461 ....Elongated	140.4	.....Includes screen
462 FACSIMILE EQUIPMENT	140.5	..Answering machine
463 .Console or floor type	140.6	
464 .Platen	140.7	
465 .And handle or provision for carrying	140.8	
466 .And handset or cradle therefor	140.9	
467 ..Handset located at side		
468 ..And distended document tray or support	140.11	
469 .Distended document tray or support	141.1	
470 ..Plural		

# Title Change  
\* Newly Established Subclass

@ Indent Change  
& Position Change

DECEMBER 2003

	VIDEO OR AUDIO TRANSMISSION, RECORDING	189	..Simulative
	OR PLAYBACK EQUIPMENT:	190	...Humanoid
	.Telephone equipment	191	..Paging device (e.g., beeper, etc.)
	..Answering machine	192	..Body or clothing attached
141.2	...Includes screen	193	..With closure or swinging panel
141.3	..Caller identification machine	194	..Front mounted speaker or provision therefor
142	..Telephone or base therefor		therefor
143	...Simulative	195	...Circular
144	...Combined with diverse article (e.g., radio, etc.) (4)	196	..With handle or provision therefor
		197	..With visible control
145	...With plural handsets	198	...Dial or readout panel
146	...Coin or card operated	199	.Phonograph or housing therefor
147	...Unitary-type (i.e., with integrated mouthpiece, earpiece, dialing means, and disconnect)	200	..Simulative
		201	..With carrying handle or provision therefor
148	...Dialing means on handset	202	..With swinging or removable cover
149	...Freestanding (5)	203	..Exposed turntable
150	....With provision for dialing or switching (i.e., keyset touch panel, dial, etc.)	204	.Speaker or housing therefor (10)
		205	..Headphone or headset
151	.....Handset to side of dial	206	...With microphone
152	.....Rotary dial	207	..Simulative
153	.....Rotary dial	208	..Radio or phonograph horn
154	.Dictating or transcribing	209	..Ceiling mount
155	.Radio transmitter (6)	210	..With surround, grille or enclosure
156	.Compact disc player (26)	211	...And distinct pedestal or legs
157	.Vehicle radio or recorded material player	212	...Three or more repeats, or uniform configuration, about axis
			...Sound projection on vertical axis
158	.Voice synthesizer or translator	213	...Rectangular or square projection surface or outlet
159	.Intercom (7)	214	...Circular or oval outlet or grille
160	.Magnetic recorder or player	215	..Circular or oval
161	..Tape	216	..Element or attachment (11)
162	...Combined (e.g., with radio, turntable, etc.)	217	..Remote control
		218	..Grille
163	....Portable	219	...Simulative
164	...Cartridge or cassette type	220	..Speaker (12)
165	...Portable	221	...Transducer or diaphragm (e.g., driver, magnet, etc.)
166	...Provision for juxtaposed reels	222	...Headphone
167	.Recorder		...Support (e.g., mounting panel, basket, frame, etc.)
168	.Combined (8)	223	..Microphone
169	..Radio or amplifier and phonograph	224	...Combined with diverse article
170	..Radio and clock	225	...Freestanding or with pedestal
171	...Digital type	226	...Circular or oval in cross-section
172	..Speaker and diverse article	227	...Holder or support
173	.Coin operated type phonograph or radio, (e.g., jukebox, etc.)	228	..Antenna or component thereof (27)
		229	...Bowl or dish type for satellite signal reception
174	..Remote selector unit	230	...Simulative
175	.Console type radio or phonograph	231	...Three or more repeats, or uniform configuration, about axis
176	..Simulative	232	...Formed of wire or uniform-section tubular material
177	...Animate	233	....Dipole type
178	...Musical instrument or symbol (e.g., lyre, piano, etc.)	234	...Symmetrical on two axes
		235	...Rotator
179	..Wickerwork	236	...Support (e.g., base, mount, etc.)
180	..Three or more repeats, or uniform configuration, about axis	237	..Video (13)
181	..Triangular in plan	238	
182	..Five or more sides	239	
183	..Curved front or side in plan		
184	..Bilaterally symmetrical (9)		
185	.Public address system		
186	..Hand held		
187	...Megaphone or bullhorn type		
188	.Radio receiver, tuner or amplifier, or housing therefor		

# Title Change  
\* Newly Established Subclass

@ Indent Change  
& Position Change

VIDEO OR AUDIO TRANSMISSION, RECORDING  
OR PLAYBACK EQUIPMENT:

240 ..Element or attachment (11)

242 ..Telephone equipment

243 ...Acoustic coupler or modem (22)

244 ...Telephone amplifier

245 ...Dial or dialing accessory

246 ....Automatic dialer

247 ....Dial

248 .....Keypad

249 ...Handset (23)

250 ....Mouthpiece or earpiece (24)

251 ...Cover for base or handset

251 ...Support or holder

252 ....Combined with diverse article (e.g.,  
index, writing implement holder,  
etc.)

253 ....For handset

254 ....For writing materials

255 ...Light

256 ...Connector

257 ..Front panel or dial

258 ...Vehicle audio type

259 ..Dictating or transcribing

260 ..Magnetic recorder or player

260.1 ..Tray or support for optical or  
magnetic disc

261 ..Phonograph

262 ...Pickup arm

263 ...Cartridge or transducer

264 ...Stylus

265 ..Radio, tuner, or amplifier

299 MISCELLANEOUS

\*\*\*\*\*

CROSS-REFERENCE ART COLLECTIONS

\*\*\*\*\*

900 KIOSK TYPE INFORMATION TERMINAL

901 BANK TELLER TERMINAL

902 CONSUMER TRANSACTION TERMINAL

(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.

SEARCH NOTES FOR CLASS D14

Formal definitions are available for new subclasses 300 through 496, 260.1 and 900 through 902. See <http://www.uspto.gov/web/offices/pac/c lasdefs>

- (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.

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A. DESIGN CLASS MODIFICATIONS

Additions and Modifications to the Class Schedule

CLASS – D14 RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL  
EQUIPMENT

Project Leader: Charles Rademaker

Under the Search Notes:

Delete:

(14) If switchboard is ... interface cabinet

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C. CHANGES TO THE U.S. – LOCARNO CONCORDANCE

<u>U. S. Class</u>	<u>Subclass</u>	Locarno I. P. C. <u>Subclass</u>	<u>Notation</u>
D14	140.1 - 140.11		14-03
D14	141.1 -141.3		14-03



## CLASS D14 – RECORDING, COMMUNICATION, OR INFORMATION RETRIEVAL EQUIPMENT

Class Definition: In the SEARCH CLASS, in reference to D6, after “cabinet or container”

Insert:

;subclass 467 for remote control holder

In reference to D10, after “Instruments”

Delete:

subclass 61

Insert:

subclasses 61-73

In reference to D10, in the fourth line, after “for instrument or”

Insert:

meter type

In reference to D10, the last word of the sentence

Delete:

Testing

Insert:

testing

In reference to D18, after “typewriter;”

Delete:

subclass 4

Insert:

subclasses 4.4-4.6

In reference to D18, in the fourth line, after “for calculator;”

Insert:

subclasses 24-30 for type font or display character;

Subclass 386: In the SEARCH CLASS, in the reference to D18, after “subclass 5”

Delete:

-53

Subclass 140:

Insert:

**140 Telephone equipment:**

Design under subclass 496 for system for transmitting sound communication, normally speech, to another location via wire, cord or radio.

SEE OR SEARCH THIS CLASS, SUBCLASS:

230-238, for antenna.

240-256, for telephone accessory or element.

SEE OR SEARCH CLASS:

379, Telephonic Communications, subclass 20 for equipment to measure switchboard element condition; subclass 84 for message storage on switchboard; subclass 313 for multiple section switchboard; subclasses 319 and 320 for single switchboard circuit; subclass 333 for trunk selector.

Subclass 496:

Delete:

**VIDEO OR AUDIO RECORDING, TRANSMISSION, OR PLAYING EQUIPMENT:**

This subclass is indented under the Class Definition. Design for mechanical or electronic machine for transmitting or reproducing visual images or audible sounds.

Insert:

**VIDEO OR AUDIO TRANSMISSION, RECORDING OR PLAYBACK EQUIPMENT:**

This subclass is indented under the Class Definition. Design for mechanical or electronic machine for transmitting or reproducing visual images or audible sounds.

Definitions Established**140.1 Signal processor type:**

Design under subclass 140 for equipment for central processing of telephone communication that connects, controls or processes telephone signals from distant terminals.



Example of a design for a telephone mainframe or central processing unit.

**SEE OR SEARCH THIS CLASS, SUBCLASS:**

230-238, for antenna.

301-313, for computer mainframe equipment.

314-340, for desk top terminal.

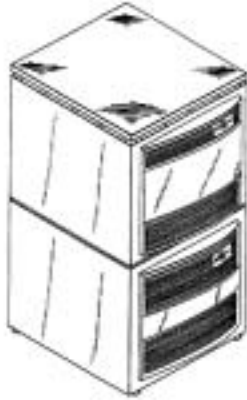
356-461, for peripheral computer equipment including monitor, keypad and keyboard.

**SEE OR SEARCH CLASS:**

D13, Equipment for Production Distribution, or Transformation of Energy, subclass 184 for generic electrical casings.

**140.2 Freestanding console or cabinet:**

Design under subclass 140.1 for enclosed, stand-alone type telephone equipment that includes a permanent or defined work area for standing or seated operator.



Example of a design for a freestanding telephone console or cabinet.

- (1) Note. Includes base transceiver cabinet type unit.

SEE OR SEARCH THIS CLASS, SUBCLASS:

314-340, for desk top type computer or terminal.

**140.3 And vertical louver or detail:**

Design under subclass 140.2 that shows upright slat type openings or other significant detail placed perpendicular to the base.



Example of a handheld design for a telephone console cabinet with a vertical louver or detail.

- (1) Note. Excludes door or panel.

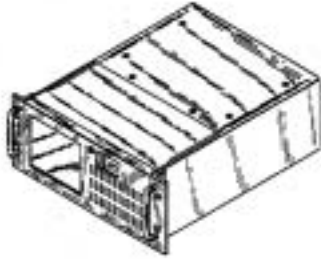
SEE OR SEARCH THIS CLASS, SUBCLASS:

240.1, for door or panel.

312, for computer mainframe cabinet with vertical louver or detail.

**140.4 Rack mounted or stacked type:**

Design under subclass 140.2 for module that shows a provision for attaching to a frame type support structure or can be placed or positioned on top of similar type modules.



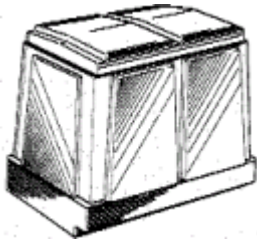
Example of a design for a rack mounted or stacked type telephone mainframe module.

SEE OR SEARCH THIS CLASS, SUBCLASS:

313, for rack mounted or stacked type computer mainframe equipment.

**140.5 Pedestal or exterior type:**

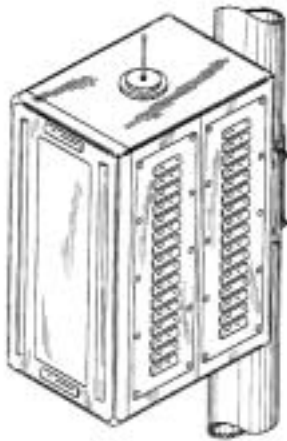
Design under subclass under subclass 140.2 for equipment for outdoor installation.



Example of a design for a pedestal type telephone module.

**140.6 Pole mounted:**

Design under subclass 140.5 that can be attached to a telephone pole.



Example of a design for a pole mounted telephone module.

SEE OR SEARCH THIS CLASS, SUBCLASS:

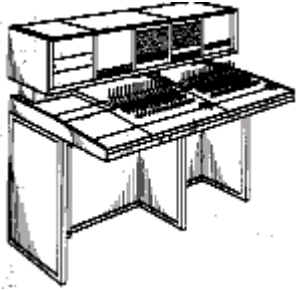
230-238, for antenna.

SEE OR SEARCH CLASS:

D25, Building Units and Construction Elements, subclasses 126-132 for post or beam.

**140.7 Switchboard or multiple line access:**

Design under subclass 140.1 for freestanding or desktop unit that includes switches for manually routing telephone connection or connections.



Example of a design for a telephone switchboard.

SEE OR SEARCH THIS CLASS, SUBCLASS:

140.2, for fully enclosed freestanding telephone switch type cabinet.

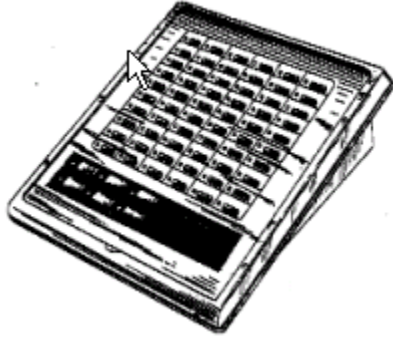
SEE OR SEARCH CLASS:

361, Electricity, subclasses 627 and 823 for switchboard connector.

379, Telephonic Communications, subclass 20 for equipment to measure switchboard element condition; subclass 84 for message storage at switchboard; subclass 242 for centralized switching system; subclass 308 for switching apparatus; subclass 313 for multiple section switchboard; subclasses 319 and 320 for single switchboard circuit; subclass 333 for trunk selector.

**140.8 Desktop type:**

Design under subclass 140.7 for telephone switchboard device designed to be placed on a table type surface.



Example of a design for a desktop type telephone switchboard.

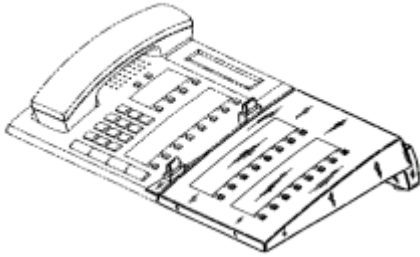
- (1) Note. If a design includes a provision for placing or receiving telephone calls it is classified as a telephone.

**SEE OR SEARCH CLASS:**

D6, Furnishings, appropriate subclasses for computer furniture including chair, desk or work surface.

**140.9 With provision for telephone set attachment:**

Design under subclass 140.8 for small telephone switchboard device designed to be attached or connected to a telephone set or base unit.

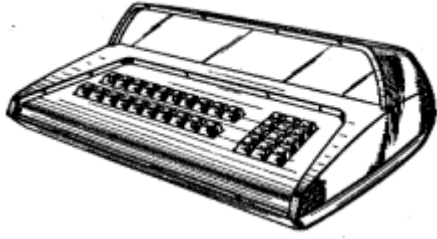


Example of a desktop switchboard with a provision for telephone set.

- (1) Note. If a design includes a provision for dialing or call making it is classified as a telephone.

**140.11 Includes screen:**

Design under subclass 140.8 that includes a display area for information.

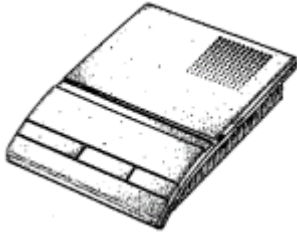


Example of a design for a desktop type telephone switchboard that includes a screen.

- (1) Note: Excludes label area for individual buttons.

**141.1 Answering machine:**

Design under subclass 140 for device that automatically records and plays telephone messages.



Example of a design for a telephone answering machine.

- (1) Note. If a design for an answering machine includes both a base unit and a headset it is classified as a telephone.
- (2) Note. Includes LCD display.

**SEE OR SEARCH CLASS:**

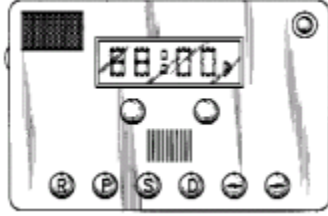
348, Television, subclass 14.06 for answering machine.

379, Telephonic Communications, subclass 67.1 for answering machine; subclass 902, Cross Reference Art Collection for patents relating to auto-switch devices for incoming voice data.

**141.2 Includes screen:**

Design under subclass 141 that includes a display area for information.





Example of a design for a telephone answering machine with screen.

**141.3 Caller Identification machine:**

Design under subclass 140 that indicates information pertaining to the source of a received call.



Example of a design for a telephone caller identification machine.

SEE OR SEARCH THIS CLASS, SUBCLASS:

191, for paging device.

SEE OR SEARCH CLASS

379, Telephonic Communications, subclasses 88.19-88.21 for caller identification equipment.

455, Telecommunications, subclass 415 for radiotelephone type caller identification equipment.

