

200	PRESENTATION PROCESSING OF DOCUMENT	236	..Stylesheet based markup language transformation/translation (e.g., to a published format using stylesheet, etc.)
201	.Integration of diverse media		
202	..Authoring diverse media presentation		
203	..Synchronization of presentation	237	..Markup language syntax validation
204	..Presentation attribute (e.g., layout, etc.)	238	..Accommodating varying screen size
205	.Hypermedia		
206	..Hyperlink organization (e.g., grouping, bookmarking, etc.)	239	..Conversion from one markup language to another (e.g., XML to HTML or utilizing an intermediate format, etc.)
207	..Hyperlink display attribute (e.g., color, shape, etc.)		
208	..Hyperlink editing (e.g., link authoring, rerouting, etc.)	240	..Frames
209	.Compound document	241	..Placemark-based indexing
210	..Matching application process to displayed media	242	..Structured document compression
211	.Drawing	243	.Layout
212	.Spreadsheet	244	..Spacing control
213	..Alternative scenario management	245	...Horizontal spacing
214	..Having dimension greater than two	246	..Area designation
215	..Including graph or chart of spreadsheet information	247	..Boundary processing
216	..Cell protection	248	..Format information in separate file
217	..Cell format	249	..Format transformation
218	...Cell hiding	250	..Detecting format code change
219	..Particular calculation of cell content	251	..Pagination
220	..Particular cell content modification	252	..Resizing document
221	.Form	253	..Automatic placement of document portion
222	..Form creation	254	.Text summarization or condensation
223	...By editing existing form	255	.Edit, composition, or storage control
224	..Form filling	256	..Text
225	..Fitting data into field on form	257	...Spell check
226	...Automatic	258	...Determining word hyphenation location
227	.Table	259	...Dictionary
228	..Ruled lines	260	...Providing synonym for input word
229	.Version management	261	...Input of abbreviated word form
230	.Annotation control	262	...Ideographic generator
231	..Automatically generated	263	...Utilizing geometric (e.g., stroke, etc.) data
232	..Positioning of annotation	264	...Multilingual
233	..Annotation by other than text (e.g., image, etc.)	265	...Having desired language selection
234	.Structured document (e.g., HTML, SGML, ODA, CDA, etc.)	266	...Footnoting
235	..Stylesheet layout creation/editing (e.g., template used to produce stylesheet, etc.)	267	...Equation or formula processing
		268	...Handwritten textual input
		269	...Font selection
		270	...Outlining
		271	...Replacement of element

272	..Block control	728	..Audio input for on-screen manipulation (e.g., voice controlled GUI)
273	.Display processing	729	..For a visually challenged user
274	..Print preview	730	.Presentation to audience interface (e.g., slide show)
275	..Color attribute	731	..Authoring tool
276	..Utilizing page description language	732	..Slide manipulating or editing
277	..Plural documents or plural portions of single document	733	.For plural users or sites (e.g., network)
700	OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)	734	..Interactive network representation of devices (e.g., topology of workstations)
701	.Force feedback interaction	735	...Configuration
702	.Tactile based interaction	736	...Network managing or monitoring status
703	.Cultural based (including language, time, monetary units displayed)	737	...User navigation between devices
704	.Playback of recorded user events (e.g., script or macro playback)	738	..Network resource browsing or navigating
705	.Help presentation	739	...Selecting from a resource list (e.g., address book)
706	..Virtual character or avatar (e.g., animated person)	740	..Remote operation of computing device
707	..Adaptive to user skill level	741	..Access control or permission
708	..Context sensitive	742	...Interactive portal (e.g., secure point of access)
709	...Coaching (e.g., animated examples, or handholding or show me execution)	743	...Access rights to interactive controls
710	...Input alert	744	..Interface customization or adaption (e.g., client server)
711	...Tool tip (e.g., cursor position based)	745	..Based on stored usage or user profile (e.g., frequency of use, cookies)
712	...Topic roadmap or index	746	...Interface conversion
713	...Hierarchical	747	...End user based (e.g., preference setting)
714	..Combining diverse help information (e.g., different sources)	748	.User interactive multicomputer data transfer (e.g., file transfer)
715	..Balloon or bubble appearance	749	..Downloading remote executables (e.g., Java, CGI)
716	.On screen video or audio system interface	750	.Multiple users on a single workstation
717	..Multiple diverse systems	751	.Computer supported collaborative work between plural users
718	..Mode switching interface (e.g., switching between TV and computer)	752	..Interactive email
719	..Video interface	753	..Computer conferencing
720	...Video traversal control	754	...Multicursor (e.g., multiple on-screen pointers)
721	...Indexed control	755	...Floor control
722	...Video parameter control	756	...Real Time Video
723	..For video segment editing or sequencing	757	...Virtual 3D environment
724	...Cut and paste operation		
725	...Trimming		
726	...Effects or transitions interface		
727	.Audio user interface		

758	...Chat room	789	....Based on usage or user profile (e.g., frequency of use)
759	..Group window	790	....Overlap control
760	..Mark up language interface (e.g., HTML)	791	.....Always on top
761	..Plural adjacent interactive display devices	792	.....Tiling or split pane
762	..User interface development (e.g., GUI builder)	793	.....Cascading
763	..Graphical or iconic based (e.g., visual program)	794	.....Priority or overlap change (e.g., z-order)
764	..On-screen workspace or object	795	.....Minimizing or send to bottom
765	..Customizing multiple diverse workspace objects	796	.....Bring to top
766	..Z order of multiple diverse workspace objects	797	....Viewing lower priority windows (e.g., overlapped windows)
767	..Focus control of multiple diverse workspace objects	798	...Combining moving and resizing operation (e.g., moving causes resizing)
768	..Translucency or transparency interface element (e.g., invisible control)	799	...Moving (e.g., translating)
769	..Data transfer operation between objects (e.g., drag and drop)	800	...Resizing (e.g., scaling)
770	...Cut and paste	801	....Contained object scale change
771	..Instrumentation and component modeling (e.g., interactive control panel, virtual device)	802	...Focus control
772	...Progress or activity indicator	803	...Window differentiation
773	...Virtual input device (e.g., virtual keyboard)	804	...Interwindow link or communication
774	..Ticker metaphor	805	...On-screen link or communication (e.g., cue)
775	..Office layout metaphor (e.g., filing cabinet, desk)	806	...Window memory structure
776	..Indexed book or notebook metaphor	807	...Stored priority attribute
777	..Tab metaphor (e.g., property sheet)	808	..Pop-up control
778	..Multiple virtual screen or desktop switching	809	..Dialog box
779	..Task bar or desktop control panel	810	..Menu or selectable iconic array (e.g., palette)
780	..Entry field (e.g., text entry field)	811	...Based on usage or user profile (e.g., frequency of use)
781	..Window or viewpoint	812	...Preselection (e.g., best guess before mouse click)
782	...3D Perspective view of window layout	813	...Default selection item
783	...On-screen window list or index	814	...Limited time selection opportunity
784	...Window scrolling	815	...Sizing modification (e.g., scaling)
785	....Autoscroll	816	...Partial input lookup (e.g., partial string lookup)
786	....Scroll tool (e.g., scroll bar)	817	...Context location indication (e.g., previous or next menu item indication)
787	.....With content attributes on scroll tool	818	...Simultaneous next and previous indication (e.g., menu road map)
788	...Layout modification (e.g., move or resize)	819	...Next menu indication
		820	...Previous menu indication
		821	...Emphasis
		822	....Preselection emphasis

823	....Selection or confirmation emphasis	864	.For a small display screen (e.g., personal digital assistant, palm-top)
824	....Unavailable emphasis	865	.Miscellaneous interface for the handicapped or disable user
825	...Dynamically generated menu items	866	.Miscellaneous customization or adaptation
826	...Add on item (e.g., software developed, customized)	867	SCREEN SAVER DISPLAY
827	..Mnemonic (e.g., accelerator key)		
828	...Partial menu display (e.g., one menu item at a time)		
829	....Advancing to next menu item in the same menu		<u>CROSS-REFERENCE ART COLLECTIONS</u>
830	....Scrolling (e.g., spin dial)	961	OPERATOR INTERFACE WITH VISUAL STRUCTURE OR FUNCTION DICTATED BY INTENDED USE
831	....With specific input device		
832	...Analog selection style	962	.Operator interface for marketing or sales
833	...Slider control	963	.Calendar or scheduling
834	...Radial based (e.g., radial or pie menu)	964	.CAD or CAM (e.g., interactive design tools)
835	...Selectable iconic array	965	.For process control and configuration
836	....3D icons	966	..Computer process (e.g., operation of computer)
837	....Compound or aggregate icon	967	...Visual or iconic programming
838	....Thumbnail or scaled image	968	...Interface for database querying and retrieval
839	....Imitating real life object	969	..Network layout and operation interface
840	...Using button array	970	..Instrumentation and component modelling (e.g., interactive control panel)
841	...Sub-menu structure	970.1	.Amusement or marital aid interface
842	....Tear off	971	COOPERATIVE DECISION SUPPORT SYSTEMS FOR GROUP OF USERS
843	....Pull down	972	INSERTED REAL-TIME VIDEO IN OPERATOR INTERFACE
844	...Timed	973	SCROLL TOOL (E.G., WINDOW SCROLL BAR)
845	...Multiple selections in a single menu	974	SLIDER CONTROL AS ON-SCREEN OBJECT IN OPERATOR INTERFACE
846	..Non-array icons	975	POP-UP DIALOG BOX FOR ENTRY
847	...Shortcut	976	3-D ICON
848	..Interface represented by 3D space	977	DYNAMIC ICON (E.G., ANIMATED OR LIVE ACTION)
849	...Individual object	978	AUDIO INTERACTION AS PART OF AN OPERATOR INTERFACE
850	...Navigation within 3D space		
851	....On-screen navigation control		
852	...Picking 3D objects		
853	..Hierarchy or network structure		
854	...Navigation within structure		
855	....On-screen roadmap or index		
856	..Cursor		
857	...Pointer direction adjustment		
858	...Automatic position adjustment		
859	...Status indicator		
860	....Selection emphasis		
861	....Dynamically changed appearance (e.g., animated or live action)		
862	...Proximity detection		
863	.Gesture-based		

FOREIGN ART COLLECTIONS

FOR 000 **CLASS-RELATED FOREIGN DOCUMENTS**

Any foreign patents or non-patent literature from subclasses that have been reclassified have been transferred directly to the FOR Collections listed below. These Collections contain ONLY foreign patents or non-patent literature. The parenthetical references in the Collection titles refer to the abolished subclasses from which these Collections were derived.

FOR 176 **OPERATOR INTERFACE (345/326)**

- FOR 177 .Interaction in a television environment (345/327)
- FOR 178 ..For video segment editing or sequencing (345/328)
- FOR 179 .For plural users or sites (345/329)
- FOR 180 ..Computer conferencing (345/330)
- FOR 181 ..Computer supported cooperative work (345/331)
- FOR 182 ...Group window (345/332)
- FOR 183 .Interface customization or edition (345/333)
- FOR 184 ..Graphical appearance (345/334)
- FOR 185 ..Link between object and task or function (e.g., client/server) (345/335)
- FOR 186 .Having on-line help (345/336)
- FOR 187 ..Adaptive to user skill level (345/337)
- FOR 188 ..Context sensitive (345/338)
- FOR 189 .On-screen workspace or object (345/339)
- FOR 190 ..Window (345/340)
- FOR 191 ...Window scrolled to needed portion (345/341)
- FOR 192 ...Layout modification (e.g., move or resize) (345/342)
- FOR 193 ...Window differentiation (345/343)
- FOR 194Priority (345/344)
- FOR 195Viewing lower priority window (345/345)
- FOR 196 ...Interwindow link or communication (345/346)
- FOR 197 ..Pop-up control (e.g., message or dialog box) (345/347)
- FOR 198 ..Icon (345/348)
- FOR 199 ..Metaphoric icon object (345/349)

- FOR 200Indexed book or notebook (345/350)
- FOR 201Office layout (e.g., filing cabinet, desk) (345/351)
- FOR 202 ..Menu (345/352)
- FOR 203 ...Sub-menu structure (345/353)
- FOR 204 ...Using button array (345/354)
- FOR 205 ..Interface represented by 3D space (345/355)
- FOR 206 ..Hierarchy or network structure (345/356)
- FOR 207 ...Navigation within structure (345/357)
- FOR 208 .Gestured-based (345/358)
- FOR 209 **PRESENTATION PROCESSING OF DOCUMENT (715/500)**
- FOR 210 .Synchronization of diverse media (715/500.1)
- FOR 211 .Hypermedia (715/501.1)
- FOR 212 .Drawing (715/502)
- FOR 213 .Spreadsheet (715/503)
- FOR 214 ..Cell format control (715/504)
- FOR 215 .Form (715/505)
- FOR 216 ..Form creation (715/506)
- FOR 217 ..Form filling (715/507)
- FOR 218 ...Fitting data into field on form (715/508)
- FOR 219 .Table (715/509)
- FOR 220 ..Ruled lines (715/510)
- FOR 221 .Version management (715/511)
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- FOR 239 ..Text attribute (715/529)

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control (715/530)
- FOR 241 ..Text (715/531)
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- FOR 250 ..Replacement of element (715/
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- FOR 251 ..Handwritten textual input (715/
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- FOR 252 .Font selection (715/542)
- FOR 253 **DOCUMENT STRUCTURAL ELEMENT (715/
900)**
- FOR 254 .Active document (715/901)
- FOR 255 .Multilayer document (715/902)
- FOR 256 .3-D spreadsheet (715/903)
- FOR 257 .Details of spreadsheet data
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- FOR 258 .Spreadsheet cell protection
(715/905)
- FOR 259 .Creating one form from another
(715/906)
- FOR 260 .Hierarchical document control
with varying levels of detail
(715/907)
- FOR 261 .Document format layout template
(715/908)
- FOR 262 .Document page collating (715/
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- FOR 263 .Document presenting plural pages
on a single sheet (715/910)
- FOR 264 .Document page description
processing (715/911)