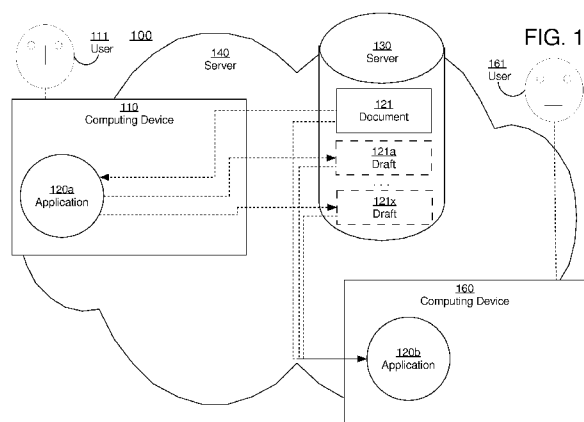




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(54) Title: AUTOMATIC CREATION AND SERVER PUSH OF DRAFTS



(57) **Abstract:** An application automatically saves drafts of a document in association with the document. Drafts are saved, for example, whenever the application closes the document. Thus, the application stores a separate draft of the document for each session in which the document was used. The saved drafts are logically associated with each other and their original document. Because of this association, whenever the user accesses the document in the application, the application may present to the user a list of the various drafts of the documents. The user may continue working on the last saved draft, or the user may select another draft from which to continue working. The application further includes a collaborative interface for listing objects at a server. The server pushes new changes or additions to the objects directly to the client, and the client updates the interface accordingly, without user intervention.



A. CLASSIFICATION OF SUBJECT MATTER**G06F 9/44(2006.01)i, G06F 17/21(2006.01)i, G06F 15/16(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06F 9/44; G06F 15/173; G06F 17/30; G06F 7/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models
Japanese utility models and applications for utility models
(Chinese Patents and application for patent)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal), NDSL, Google

Keywords: application, software, document*, version, draft, collab*, cooperat*, shar*, multi*, plural*, many*, automatic, stor*

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2005-0039116 A1 (DAVID, GEOFFREY SLACK-SMITH) 17 February 2005 See paragraphs [15]-[23][95][96][163][164].	1-34
A	US 2004-0044648 A1 (OLE, JORGEN ANFINDSEN et al.) 04 March 2004 See figures 10,11; paragraphs [17][20][21][25][41]-[47]; claim 1.	1-34
A	US 6243706 B1 (SYLVAIN MOREAU et al.) 05 June 2001 See column 2, line 58 - column 3, line 31, column 3, lines 48-53, column 7, lines 13-26.	1-34
A	US 7174377 B2 (PIERRE BERNARD et al.) 06 February 2007 See column 2, lines 20-32, column 4, lines 1-36, column 6, lines 36-55; claim 1.	1-34

 Further documents are listed in the continuation of Box C. See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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US 2004-0044648 A1	04.03.2004	None	
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US 7174377 B2	06.02.2007	US 2003-0135607 A1 US 2007-0106793 A1	17.07.2003 10.05.2007