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[Continued on next page]

(54) **Title:** PREVIEW AND MODIFICATION OF PRINTABLE COMPONENTS OF A DOCUMENT AT A PRINTING DEVICE

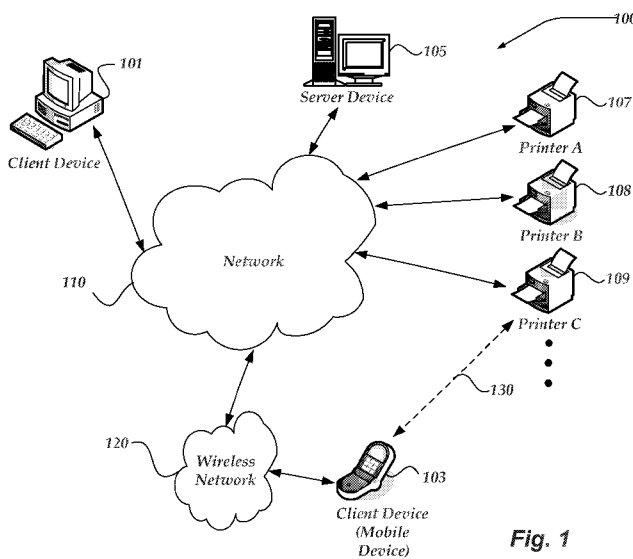


Fig. 1

(57) **Abstract:** An apparatus, method, system and medium are described that support functionality to receive document(s) to be printed at a printing device, and enable editing the document(s) prior to printing. Modifications to the document(s) may be generated based on the user edits, and a print preview of the modified documents may be displayed and may enable further edits. In some embodiments, the print preview may be provided to the user on a display that is part of the printing device. In some embodiments, the print preview may be provided to the user through a UI presented on a client device. Display of the modified document(s) may be a rasterized image of the modified document(s), generated based on capabilities of a selected printing device. In some embodiments, modifications may be made to an intermediate version of the document(s), and that intermediate version may be cached.



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A. CLASSIFICATION OF SUBJECT MATTER***B41J 29/38(2006.01)i, G06F 3/12(2006.01)i, G06F 15/00(2006.01)i***

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

B. FIELDS SEARCHED

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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

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

eKOMPASS(KIPO internal) & Keywords: "preview", "edit", "watermark", "printer"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 2007-050664 A (CANON INC) 01 March 2007 See paragraphs 0019-0050 and figures 2-8.	1, 9, 19 2-8, 10-18, 20
X Y	KR 10-0574514 B1 (SAMSUNG ELECTRONICS CO., LTD.) 27 April 2006 See pages 3-4 and figures 1-3.	1, 9, 19 2-8, 10-18, 20
A	KR 10-2006-0099616 A (SAMSUNG ELECTRONICS CO., LTD.) 20 September 2006 See pages 3-4 and figures 2-5.	1-20
A	US 2009-0059305 A1 (RICARD CHRISTOPHE GUY) 05 March 2009 See paragraphs 0021-0030 and figures 1-2.	1-20

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

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"&" document member of the same patent family

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KR 10-0574514 B1	27.04.2006	None	
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