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(54) **Title:** SYSTEMS AND METHODS TO AUTOMATICALLY GENERATE A SIGNATURE BLOCK

(57) **Abstract:** Systems and methods for automated signature generation. In one aspect, a method implemented in a computer includes: storing information relating to a plurality of persons on a computer readable medium; and generating a signature block applied to a message composed in a user interface, based on one or more addresses in an address field of the user interface used to compose the message and the information relating to the plurality of persons.

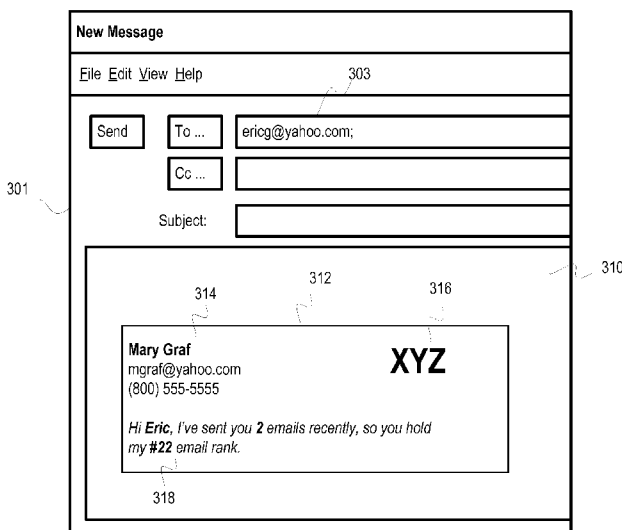


FIG. 8

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
<i>G06Q 50/00(2006.01)i</i>		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols) G06Q 50/00; G06F 15/16; H04L 9/00; G06F 13/00		
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		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) eKOMPASS(KIPO internal) & Keywords: mail, address, signature		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2008-0040435 A1 (GIOVANNI BUSCHI et al.) 14 February 2008 See claims 1, 4 and paragraphs 24, 27, 29-32.	1,2,4,6,7-12,14,16 ,17
Y		3,5,13,15
Y	JP 2003-006116 A (TOYO COMMUN EQUIP CO., LTD.) 10 January 2003 See claim 1 and paragraphs 10, 11.	3,5,13,15
A	US 6615348 B1 (GIBBS; BENJAMIN K.) 02 September 2003 See column 5, line 46 - column 6, line 54.	1-17
A	US 2009-0234925 A1 (SEIPPEL, III ALVIN J. et al.) 17 September 2009 See paragraphs 12-14.	1-17
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "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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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2008-0040435 A1	14.02.2008	None	
JP 2003-006116 A	10.01.2003	None	
US 6615348 B1	02.09.2003	AU 1999-52445 A1 CA 2340384 A1 EP 1145485 A1 EP 1145485 A4 EP 1145485 B1 US 6356935 B1 WO 00-10288 A1	06.03.2000 24.02.2000 17.10.2001 15.06.2005 17.02.2010 12.03.2002 24.02.2000
US 2009-0234925 A1	17.09.2009	None	