

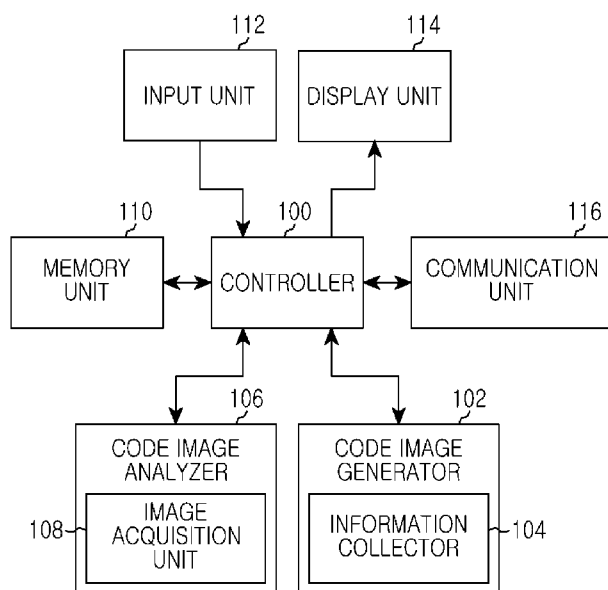


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- (71) **Applicant (for all designated States except US):** **SAM-SUNG ELECTRONICS CO., LTD.** [KR/KR]; 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 (KR).
- (72) **Inventor; and**
- (75) **Inventor/Applicant (for US only):** **LIM, Hun** [KR/KR]; #105-1104, 23, Migeum-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 463-703 (KR).
- (74) **Agents:** **KWON, Hyuk-Rok** et al.; 2F, 28, Gyeonghui-gung-gil, Jongro-gu, Seoul 110-062 (KR).
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[Continued on next page]

(54) **Title:** APPARATUS AND METHOD FOR ESTABLISHING A NETWORK CONNECTION IN A PORTABLE TERMINAL

[Fig. 1]



(57) **Abstract:** An apparatus and method for establishing a network connection in a portable terminal. The apparatus includes a controller, an image acquisition unit, and a code image analyzer. The controller establishes a network connection with a peripheral terminal using network information acquired through a code image. The image acquisition unit captures the code image generated by the peripheral terminal. The code image analyzer analyzes the code image acquired by the image acquisition unit and acquires the network information of the peripheral terminal. The code image includes at least any one of network information of the peripheral terminal, code image generation information, and information on an automatic execution program to be automatically executed after code image recognition.

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A. CLASSIFICATION OF SUBJECT MATTER***H04W 88/02(2009.01)i, H04W 76/02(2009.01)i, G06K 9/18(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)

H04W 88/02; G06F 19/00; H04W 68/02; G06F 7/00; H04W 12/06; H04L 12/28

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: barcode, network information, connection

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR 10-2009-0063459 A (LG ELECTRONICS INC.) 18 June 2009 See abstract; paragraphs [0009]-[0011], [0043]-[0054], [0060]-[0086]; claims 1,2,5 and figures 1b,2,3.	1,4,9,12
A	US 2010-0163613 A1 (BUCHER, TIMOTHY et al.) 01 July 2010 See abstract; paragraphs [0012], [0045], [0046], [0063], [0068]-[0075]; claims 1,8-10,18 and figures 3,6,7,9.	1-15
A	KR 10-2008-0042869 A (NOKIA CORPORATION) 15 May 2008 See abstract; paragraphs [0007], [0044], [0057], [0061]-[0063], [0068]-[0072]; claims 1-6 and figures 4,5a,7a,7b.	1-15



Further documents are listed in the continuation of Box C.



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"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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Korean Intellectual Property Office
189 Cheongsu-ro, Seo-gu, Daejeon Metropolitan
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Authorized officer

Hwang, Wooncheol

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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