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(54) Title: SYSTEMS AND METHODS FOR DOCKING PORTABLE ELECTRONICS DEVICES

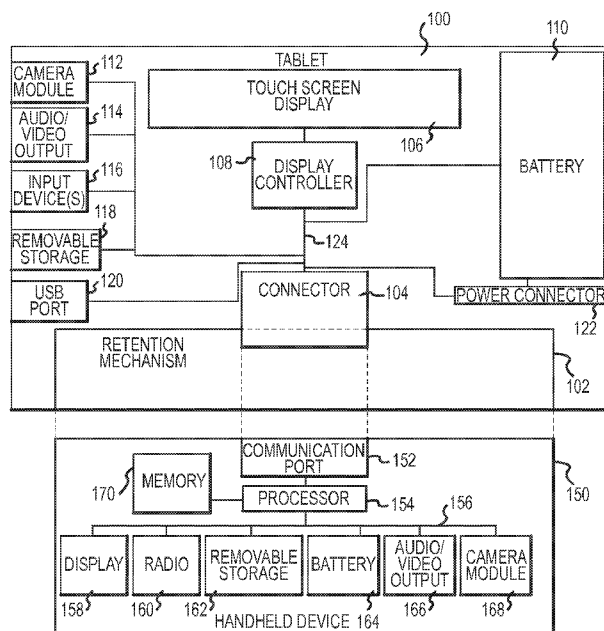


FIG.1

(57) **Abstract:** Systems and methods for docking portable electronic devices. A master device may be docked to a slave device to control the operation of the slave device. The slave device may have a form factor different than that of the master device. For example, the slave device may be a tablet and the master device may be a handheld device such as a smart phone. The slave device may include a retention mechanism to retain the master device in a docked position with respect to the slave device. When in the docked position, the master device may be in operative communication with one or more hardware components of the slave device to control the operation thereof. The slave device may lack the ability to exploit the full functionality of the one or more hardware components of the slave device without communication with the master device.



TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/054609**A. CLASSIFICATION OF SUBJECT MATTER****G06F 13/14(2006.01)i, G06F 1/16(2006.01)i, G06F 3/041(2006.01)i, G06F 1/26(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 13/14; G06F 1/06; H04N 7/173; G06F 3/00; H05K 5/00; 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: docking, master, slave, tablet, handheld

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2009-0187677 A1 (HUNT PETER D. et al.) 23 July 2009 See the abstract; figures 7-9, 13-14; paragraphs [0049], [0067]; claims 53-55, 61, 65	1-31
Y	US 2005-0185364 A1 (JORY BELL et al.) 25 August 2005 See the abstract; figures 5A-5D, 8B, 8C, 9; claims 1, 9, 12	1-31
Y	US 2009-0178097 A1 (KIM GYUDONG et al.) 09 July 2009 See figures 2, 8 and their corresponding description	1-31
Y	US 2005-0111182 A1 (CHIN-JEN LIN et al.) 26 May 2005 See the abstract; figure 2 and its corresponding description	1-31



Further documents are listed in the continuation of Box C.



See patent family annex.

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