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(54) **Title:** DEVICE, SYSTEM AND METHOD OF SELECTIVELY CONNECTING BETWEEN A TRANSMIT CHAIN AND AN ANTENNA

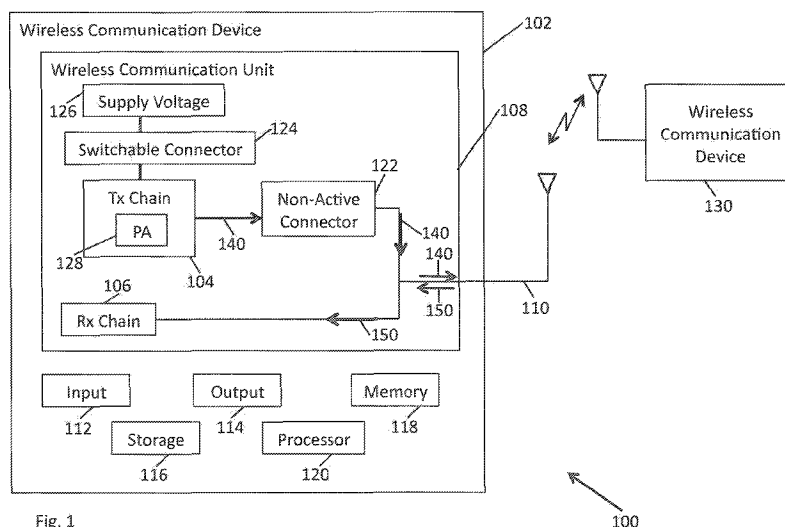


Fig. 1

(57) **Abstract:** Some demonstrative embodiments include devices, systems and/or methods of selectively connecting between a transmit chain and an antenna. For example, a device may include a transmit chain and a non-active connector module configured to electrically connect the transmit chain to at least one antenna when the transmit chain generates a wireless communication signal, and to electrically disconnect the antenna from the transmit chain when a wireless communication signal is received via the antenna.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/043501**A. CLASSIFICATION OF SUBJECT MATTER*****H04B 1/44(2006.01)i, H04W 88/02(2009.01)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)

H04B 1/44; H04B 15/00; H04B 1/00

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: antenna, chain, wireless

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6567647 B1 (EPPERSON; DARRELL G.) 20 May 2003 See abstract; column 4, lines 5 - 59; claim 1; figures 3, 4.	1-20
A	US 2008-0159435 A1 (COHEN EMANUEL) 03 July 2008 See abstract; paragraph [0011]; claim 17; figure 1.	1-20
A	US 7565113 B2 (DACOSTA BEHRAM MARIO) 21 July 2009 See abstract; column 7, lines 32- 45; claim 1; figures 4, 5.	1-20

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

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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
US 6567647 B1	20.05.2003	None	
US 2008-0159435 A1	03.07.2008	CN 101569142 A EP 2127242 A1 TW 200841618 A US 7565119 B2 WO 2008-082858 A1	28.10.2009 02.12.2009 16.10.2008 21.07.2009 10.07.2008
US 7565113 B2	21.07.2009	CA 2600941 A1 CN 101542940 A EP 1864386 A2 JP 2008-537664 A JP 2008-537664 T KR 10-2008-0002795 A US 2006-0223450 A1 WO 2006-104537 A2 WO 2006-104537 A3	05.10.2006 23.09.2009 12.12.2007 18.09.2008 18.09.2008 04.01.2008 05.10.2006 05.10.2006 05.10.2006