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(54) **Title:** GPS-BASED WIRELESS NETWORK CONNECTION SELECTION AND NETWORK TOPOLOGY OVERLAY ON SATELLITE GEOGRAPHIC MAP

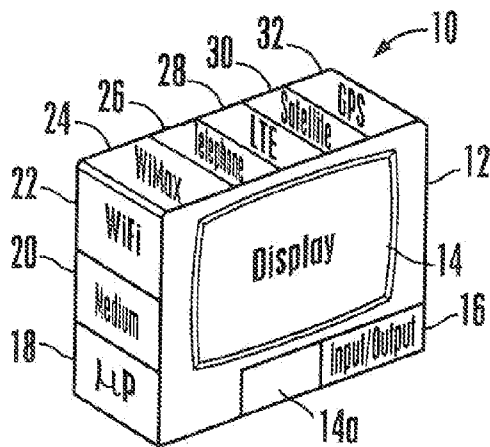


Figure 1

(57) **Abstract:** A method enables users to automatically switch available network connections for the current position as indicated by GPS (50) while maintaining Internet connection. The selection of the network connection depends on a network connection profile which may be built up gradually and the score of each connection. Moreover the local network topology (56) for the GPS location may be overlaid on a geographic map (50) as might be generated by satellite imagery to give the user a better understanding of the topology.



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INTERNATIONAL SEARCH REPORT

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PCT/US20 10/041306**A. CLASSIFICATION OF SUBJECT MATTER***H04W 48/18(2009.01)i, H04W 88/06(2009.01)i, H04W 64/00(2009.01)l*

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 48/18; G06F 17/10; H04Q 7/00; H04Q 7/20; H04W 4/00

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: GPS, network interface, WiFi

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2007-0167174 AI (MICHAEL HALCROW et al.) 19 July 2007 See abstract , figures 1-6 and paragraphs 31-97.	1-3 ,6-8 4-5 ,9-20
Y	US 7551577 B2 (MATTHEW B. MCRAE) 23 June 2009 See abstract , figure 1 and column 2, line 3 - column 4, line 4.	4-5 ,9-20
A	US 2007-0280152 AI (THOMSON et al.) 06 December 2007 See abstract , figures 1-4 and paragraphs 13-57.	1-20
A	QS 2005-0048987 AI (ANDREW C. GLASS) 03 March 2005 See figures 1-10 and paragraphs 19-78.	1-20
A	US 2004-0236547 AI (RAPPAPORT THEODORE S. et al.) 25 November 2004 See abstract and paragraphs 86-221 .	1-20

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

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