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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(U))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))

[Continued on next page]

(54) Title: SELF-CONFIGURING WIRELESS NETWORK LOCATION SYSTEM

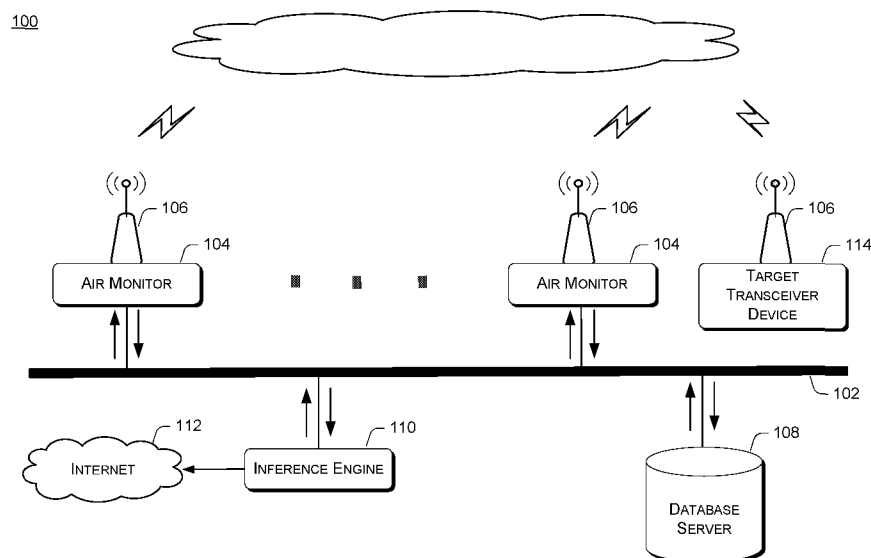


FIGURE 1

(57) Abstract: Wireless adapters are installed on one or more general purpose computing devices and are connected via a network in an enterprise environment. The adapters are densely deployed at known locations throughout the environment and are configured as air monitors. The air monitors monitor signals transmitted by one or more transceiver devices and records information about these signals. One or more analysis or inference engines may be deployed to obtain the recorded signal information and the air monitor locations to determine a location of the one or more wireless transceivers devices deployed in the environment.

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

IPC 8 H04L, H04B

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 SINCE 1975
JAPANESE UTILITY MODELS AND APPLICATIONS FOR UTILITY MODELS SINCE 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS(internal) & Keywords "Self-Configuring", "Location", " Air monitor"," Inference Engine"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	BAHL,P ETAL "Enhancing the Security of Corporate Wi-Fi Networks Using DAIR", Mobile systems, applications and services , 2006 , pp 1-14	20
A		1-19
A	SAVVTDES, A ETAL "A Self-Configuring Location Discovery System for Smart Environments", Workshop for pervasive computing and networking , 2005 , pp 167-178	1-20
A	PATWARI, N ETAL "Locating the nodes cooperative localization in wireless sensor networks", IEEE signal processing magazine ,v 22 no 4 ,2005, pp 54-69	1-20
A	NIRUPAMA BULUSU ETAL " Self-configuring localization systems Design and Experimental Evaluation", ACM Transactions on Embedded Computing Systems (TECS), February 2004, v 3 n 1, pp 24-60	1-20



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* Special categories of cited documents

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