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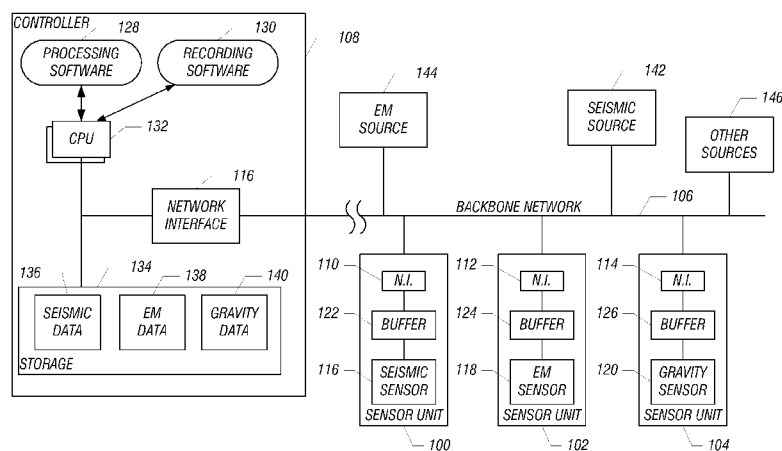


FIG. 1

(57) Abstract: A system includes a network, multiple different types of survey sensors connected to the network, and a controller connected to the network. The multiple different types of survey sensors are configured to communicate different types of measurement data over the network to the controller.

**A. CLASSIFICATION OF SUBJECT MATTER*****H04L 12/26(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)

H04L 12/26; E21C 25/00; G06F 15/16

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 1975.

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal), IEEE xplora

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005-0194182 A1 (PAUL RODNEY et al.) 08 September 2005 See page 1 paragraph[0009] - page 5 paragraph[0042]	1-14
A	US 6735630 B1 (GELVIN; DAVID C. et al.) 11 May 2004 See column 6 line 43 - column 7 line 51; column 64 line 55 - column 72 line 29; claims. 1 - 25	1-14

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

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Information on patent family members

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