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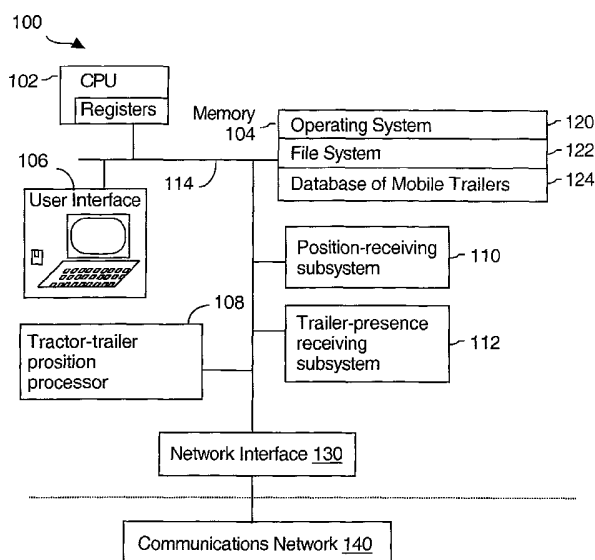
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- (71) Applicant: NAVCOM TECHNOLOGY, INC. [US/US]; 105 West Torrance Boulevard, Suite 108, Redondo Beach, CA 90277 (US). (88) Date of publication of the international search report: 15 April 2004
- (72) Inventors: HSIAO, Victor, K.; 22652 White Oaks, Mission Viejo, CA 92692 (US). WILLIAMS, William, Peter; 1820 Marshallfield Lane, Redondo Beach, CA 90278 (US). For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MOBILE-TRAILER TRACKING SYSTEM AND METHOD



(57) Abstract: A position tracking system for a plurality of mobile tractors (202) and trailers (208) includes an unique electronic identifier (210) for each of a plurality of trailers. For each tractor of a plurality of tractors, the position tracking system includes a navigation system for determining a current position of the tractor, an electronic identifier reader (308) for acquiring the electronic identifier (210) of a trailer (208) coupled to the tractor (202), and a position-reporting subsystem for reporting to a remote system the current position of the tractor and the electronic identifier (210) of the trailer (208) coupled to the tractor (202). In addition, the position tracking system includes, at each facility of a plurality of fixed-location facilities, one or more trailers located within the facility, and a trailer-presence reporting subsystem for reporting to the remote system the presence of the one or more trailers located within the facility.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/18715

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 7/00

US CL : 701/207, 200; 340/988, 989; 73/178R

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)

U.S. : 701/207, 200; 340/988, 989; 73/178R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,880,958 A (Helm et al) 9 March 1999 (09.03.1999), see complete document.	1-22
A	US 6,492,904 B2 (Richards) 10 December 2002 (10.12.2002), see complete document.	1-22

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

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