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(71) Applicant (for all designated States except US): **WILDCAT TECHNOLOGIES, LLC** [US/US]; 3002 Twin Springs Court, West Jordan, UT 84084 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PETERSON, Brandon, J.** [US/US]; 3002 Twin Springs Court, West Jordan, UT 84084 (US). **NELSON, Michael, G.** [US/US]; 5495 Walden Meadows Drive, Murray, UT 84123 (US). **HUS-TRULID, William, A.** [US/US]; P.o. Box 366609, Bonita Springs, FL 34136 (US).

(74) Agents: **MORRISS, Julie, K.** et al.; MORRISS O'BRYANT COMPAGNI, P.C., 734 East 200 South, Salt Lake City, UT 84102 (US).

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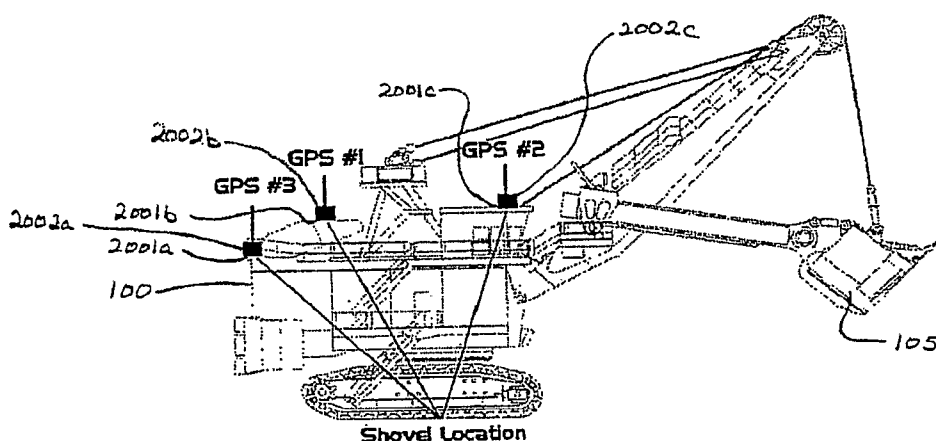
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(54) Title: METHOD AND SYSTEM FOR TRACKING THE POSITIONING AND LIMITING THE MOVEMENT OF MOBILE MACHINERY AND ITS APPENDAGES



(57) Abstract: A method and system for tracking and limiting the movement of key identified points on a movable machine, through the use of location devices positioned on the body or appendages of the machine, by comparing the sensed locations against a database of site information, and to restrict movement of the machine and/or its appendages if it has or is likely to pass through a defined boundary in the site information database.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 06/49304

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G06F 19/00 (2008.04)

USPC - 701/50

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): G06F 19/00 (2008.04)

USPC: 701/50

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
US: 701/50, 213 (keyword limited - see terms below)

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

PubWEST(PGPB, USPT, EPAB, JPAB); Google; Search Terms: movable machine, mobile machine, body, appendage, accessory, adjunct, movement, control system, location system, communication, controlling, location detector, GPS, computer, device, communication, database, storage, information, program, process, receiving, comparing

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,611,738 B2 (RUFFNER) 26 August 2003 (26.08.2003), col 1, ln 49-51, ln 62-66, col 2, ln 38, ln 51-53, col 5, ln 33-36, col 8, ln 6, ln 52-53, col 10, ln 33-34, ln 51-53, col 13, ln 31-33, ln 48-49, col 14, ln 3, col 16, ln 2-5, ln 19, ln 28-31, col 23, ln 2-5, ln 41-44, col 24, ln 21, ln 54-57, ln 64-65, col 25, ln 5-10, ln 42, col 28, ln 37-38, col 29, ln 55, col 31, ln 4-5, col 32, ln 21-23, col 37, ln 4-8, col 39, ln 65-66, col 40, ln 3, col 41, ln 62-64, col 43, ln 36, col 45, ln 35-37, col 46, ln 32-34, col 47, ln 55-65, col 48, ln 3-7, col 53, ln 42-44, ln 58-60, and col 54, ln 47-51.	1-10
A	US 5,646,844 A (GUDAT et al.) 08 July 1997 (08.07.1997)	1-10
A	US 6,711,838 B2 (STAUB et al.) 30 March 2004 (30.03.2004)	1-10
A	US 6,112,143 A (ALLEN et al.) 29 August 2000 (29.08.2000)	1-10

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* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"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

Date of the actual completion of the international search

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

Authorized officer:

Lee W. Young

PCT Helpdesk: 571-272-4300
PCT OSP: 571-272-7774