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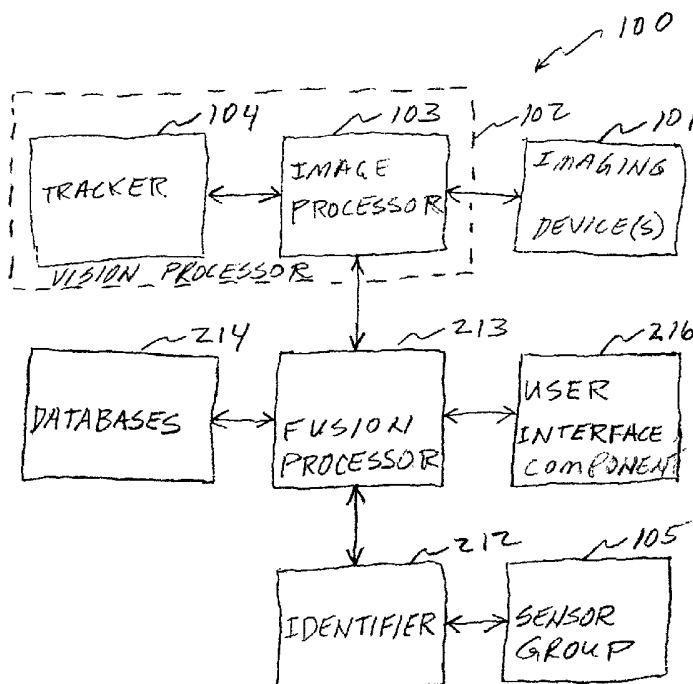
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(54) Title: METHOD AND APPARATUS FOR TRACKING WITH IDENTIFICATION



(57) Abstract: Combining and fusing (213) the tracking (104) of people and objects with image processing (103), and providing identification (212) of the people and objects being tracked. Also, status and condition of a person, object, area or facility can be detected, determined, evaluated and monitored.



Previous Correction:

see PCT Gazette No. 08/2003 of 20 February 2003, Section II

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.

INTERNATIONAL SEARCH REPORT

 Internatic .pplication No
 PCT/us 02/12095

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06T5/00

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 7 G06T

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 practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 892 554 A (DICICCO DARRELL S ET AL) 6 April 1999 (1999-04-06) abstract column 8, line 47 - line 65 column 10, line 18 - line 44 column 11, line 36 - line 67 column 12, line 49 - line 67 ----	1-10
X	WO 00 73995 A (MICROSOFT CORP) 7 December 2000 (2000-12-07) abstract page 2, line 32 -page 3, line 11 -----	1-10

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

☒ Patent family members are listed in annex.

° 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 document but published on or after the international filing date
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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.
- *Z* document member of the same patent family

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5892554	A	06-04-1999	AU 6276096 A	15-01-1997
			BR 9609169 A	14-12-1999
			EP 0832537 A1	01-04-1998
			JP 11507796 T	06-07-1999
			WO 9700581 A1	03-01-1997
<hr/>				
WO 0073995	A	07-12-2000	US 6499025 B1	24-12-2002
			AU 5314200 A	18-12-2000
			WO 0073995 A2	07-12-2000
			US 6502082 B1	31-12-2002
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