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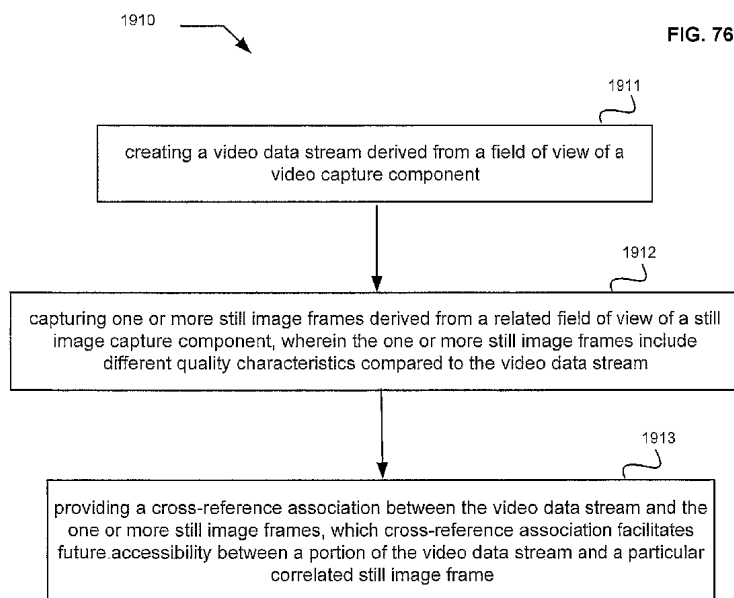
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[Continued on next page]

(54) Title: ENHANCED VIDEO/STILL IMAGE CORRELATION



(57) Abstract: A technique processes captured data on a device, wherein selected captured data of a given quality resolution is transferred via a communication link to a separate storage location for future availability. A storage protocol may include various storage organization categories. A possible aspect may provide an identifier record to enable future accessibility to selected captured data by one or more authorized parties or approved devices or authorized recipients. In some embodiments the captured data may include both a video data stream and one or more still image frames having different quality characteristics and/or formats. Initial and ongoing coordination as well as correlation may be facilitated between video and still image data derived from related fields of view.



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RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,  
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/42699

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: H04N 5/225( 2006.01),5/76( 2006.01),9/09( 2006.01)

USPC: 348/220.1,231.2,231.3,231.6,262;386/120,121

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. : 348/220.1,231.2,231.3,231.6,262; 386/120,121

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)  
EAST Search

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2002-094862 A (CHINON IND INC) 29 March 2002 (29.03.2002); Figure 2, paragraphs 0084-0097 of related US Publ. No. 2002/0030749	1-8,10-32,36-38,40,44-49,51,54,56,57,59
Y	JP 2003-009044 A (CANON INC) 10 January 2003 (10.01.2003); See Figures 2, 4-6, and 8-10; see related US Patent No. 7,257,317, which claims priority to this Japanese Publ; col. 3, line 1 to col. 6, line 14	1-8,10-32, 36-38, 40, 44-49,51,54,56,57,59
Y	JP 2001-309236 A (FUJI FILM MICRODEVICES CO LTD) 02 November 2001 (02.11.2001); See Figure5 and related US Publ. No. 2001/0033333 (which claims priority to this document), paragraphs 0104-0109.	38,40,47,48
A	US 6,961,083 B2 (OBRADOR et al) 01 November 2005 (01.11.2005); Figure 5 and column 5, line 52 to column 6, line 5.	All
A	US 6,512,541 B2 (DUNTON et al) 28 January 2003 (28.01.2003); column 3, line 15 to column 5, line 50	ALL



Further documents are listed in the continuation of Box C.



See patent family 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 application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"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

"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

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US06/42699

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/0020814 A1 (ONO) 30 January 2003 (30.01.2003); paragraphs 0053-0067	ALL
A	US 7,362,968 B2 (KIM) 22 April 2008 (22.04.2008); Figure 1 and column 4, line 1 to column 6, line 60	All
Y	US 2002/0030749 A1 (NAKAMURA et al) 14 March 2002 (14.03.2002), paragraphs 0084-0097	1-8,10-32,36-38,40,44-49,51,54,56,57,59
Y	US 2002/0197067 A1 (OHNISHI) 26 December 2002 (26.12.2002), col. 3, line to col. 6, line 14	1-8,10-32,36-38,40,44-49,51,54,56,57,59
Y	US 2001/0033333 A1 (SUZUKI et al) 25 October 2001 (25.10.2001); paragraphs 0104-0109	38,40,47,48

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/42699

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 60-63  
because they relate to subject matter not required to be searched by this Authority, namely:  
Please See Continuation Sheet
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of any additional fees.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- ☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- ☐ No protest accompanied the payment of additional search fees.

Box II Observations where certain claims were found unsearchable 1. because they relate to subject matter not required to be searched by this Authority, namely:

*Claim Rejections - 35 USC § 101*

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

The USPTO "Interim Guidelines for Examination of Patent Applications for Patent Subject Matter Eligibility" (Official Gazette notice of 22 November 2005), Annex IV, reads as follows:

Claims that recite nothing but the physical characteristics of a form of energy, such as a frequency, voltage, or the strength of a magnetic field, define energy or magnetism, per se, and as such are nonstatutory natural phenomena. O'Reilly, 56 U.S. (15 How.) at 112-14. Moreover, it does not appear that a claim reciting a signal encoded with functional descriptive material falls within any of the categories of patentable subject matter set forth in Sec. 101.

... a signal does not fall within one of the four statutory classes of Sec. 101.

... signal claims are ineligible for patent protection because they do not fall within any of the four statutory classes of Sec. 101.

1. Claims 60-63 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter as follows. Claims 60-63 define a signal with descriptive material. While "functional descriptive material" may be claimed as a statutory product (i.e., a "manufacture") when embodied on a tangible computer readable medium, a signal embodying that same functional descriptive material is neither a process nor a product (i.e., a tangible "thing") and therefore does not fall within one of the four statutory classes of § 101. Rather, "signal" is a form of energy, in the absence of any physical structure or tangible material. Since applicant has claimed that the process instruction are "encoded on signal", the claim is therefore non-statutory. Additionally, if applicant were to eliminate this claimed limitation, the claim would still be non-statutory since the applicant has defined the computer program product to be distributed as a signal in the specification. See page 39, line, 17; page 40, line 25; and page 90, lines 10-12.