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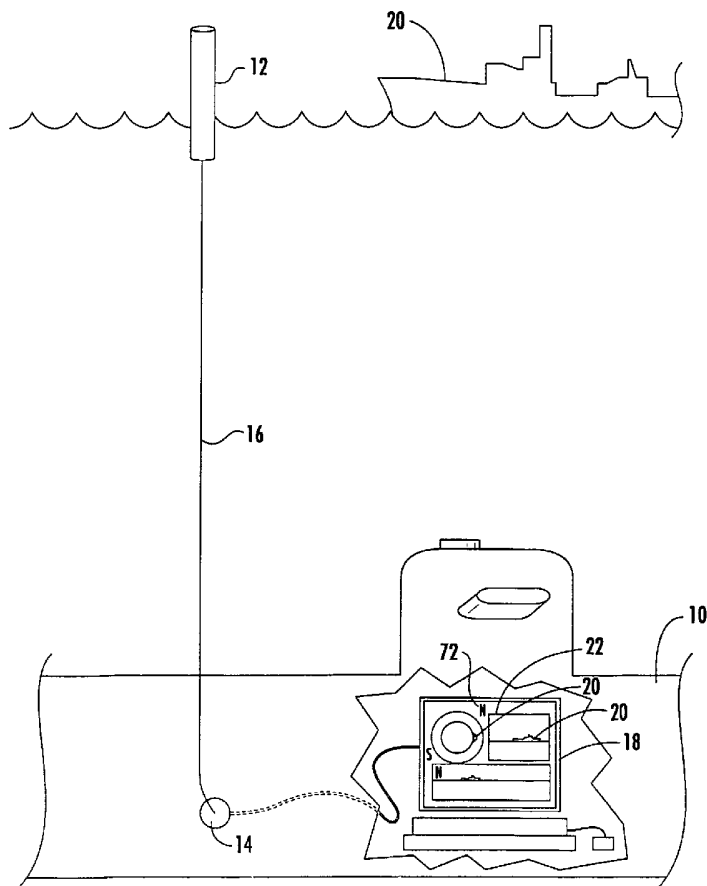
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[Continued on next page]

(54) Title: PHOTONIC BUOY



(57) Abstract: A photonic buoy (12) including a length hull with a ballast portion (32) which resides below the waterline and a top portion (36) which is disposed above the waterline; an optical bench (38) at the top portion of the hull configured to provide a panoramic view of the horizon; and a transmission cable (16) extending from the optical bench (38) for transmitting video signals to a remote location.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04N 9/47, 7/00 5/228

US CL : 348/81,36, 208.1

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. : 348/81,36, 208.1375,124,340

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
None

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EAST (USPAT, EPO, JPO, DERWENT; camera near5 float\$3, submarine and buoy and cable and camera)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y, E	US 2003/0007795 A1 (GROBER) 09 January 2003, page 2, [0017] [0022], [0023]; figures 1, 2	1-33
Y	JP 06-141211 A (SOSOYA) 20 May 1994, detailed description [0017]; figures 2,3 5B	1-33
Y	US 5,018,852 A (CHENG et al.) 28 May 1991, column 3, lines 1-5; figure 1	5, 19, 29
Y	US 4,794,575 A (MILLER) 27 December 1988, column 5, lines 62-68; column 4, lines 50-67; figures 1, 2	8-9, 11, 13-14, 22-23
Y	US 5,973,733 A (GOVE) 26 October 1999, column 3, lines 37-54, figures 1-2	15
A	US 6,525,762 B1 (MILESKE et al.) 25 February 2003, column 2, lines 10-37, figures 1-2	1-33
A	US 5,543,972 A (KAMEWADA) 06 August 1996, column 7, lines 26-50; figure 6	1-33
A	US 5,579,285 A (HUBERT) 26 November 1996, column 9, lines 1-15; figures 1, 5	1-33

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

☐ See patent family annex.

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document member of the same patent family

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