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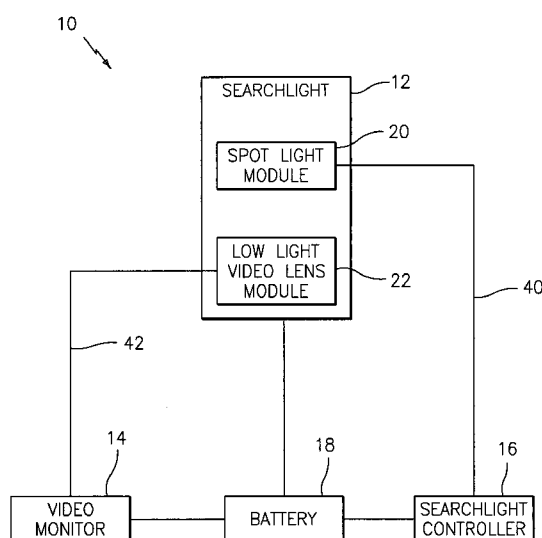
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(54) Title: SPOTLIGHT WITH INTEGRAL LOW LUX VIDEO CAMERA SYSTEM



(57) Abstract: The invention provides a searchlight device for a recreational boat or other suitable vehicle, vessel or device, featuring a housing for mounting on the recreational boat or other suitable vehicle, vessel or device; a light arranged in the housing, responsive to a light control signal, for projecting bright illuminating light; and a low lux video camera also arranged in the housing, responsive to images in near total darkness, for providing a video camera signal containing information about the images in near total darkness, for allowing close quarter maneuvering in dim light without the need to activate the bright illuminating light so that an operator of the vehicle, vessel or other suitable device may operate safely while maintaining night vision and not impairing the vision of nearby vehicle, vessel or other suitable device.



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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 07/18213

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - H04N 7/18 (2008.04)

USPC - 348/113

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): H04N 7/18 (2008.04)

USPC: 348/113

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

USPC: 348/E7.087; 362/253 (text search)

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

WEST(USPT,PGPB,EPAB,JPAB,USOCR); DialogWEB(Engineering); Google Search terms: stealth nightvision driving steering maneuvering no without light lamp headlight spotlight dark no light camera low light infrared beam control independent vehicle helicopter boat car

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                       | Relevant to claim No. |
|-----------|----------------------------------------------------------------------------------------------------------|-----------------------|
| Y         | US 5,315,296 A (KAISER et al.) 24 May 1994 (24.05.1994), col 3, ln 30-50; col 4 ln 48-68; col 5 ln 8-45. | 1-10                  |
| Y         | US 2003/0047683 A1 (KAUSHAL) 13 March 2003 (13.03.2003), para [0059], [0084], [0109]-[0113].             | 1-10                  |
| Y         | US 2005/0269481 A1 (DAVID et al.) 08 December 2005 (08.12.2005), para [0041]-[0045].                     | 2                     |
| A         | US 2006/0018513 A1 (SOGAWA) 26 January 2006 (26.01.2006), abstract; [0026], [0027].                      | 1                     |
| A         | US 2003/0123752 A1 (ISHII et al.) 03 July 2003 (03.07.2003), abstract; [0009], [0068]-[0073].            | 1                     |

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Further documents are listed in the continuation of Box C.

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

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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

"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

"&amp;" document member of the same patent family

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