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Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

— *with international search report (Art. 21(3))*

[Continued on next page]

(54) **Title**: COMBINATION VIDEO AND OPTICAL SIGHT

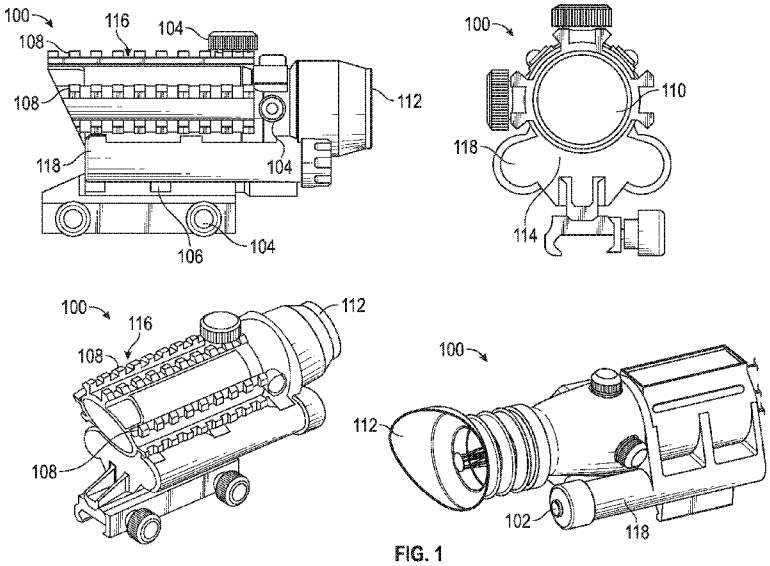


FIG. 1

(57) **Abstract**: A sight system is provided that includes an optical mode providing an optical image of a field of view and a video display mode providing video of the field of view acquired by an image sensor. The sight system can include optical components configured to present the field of view to the image sensor and to present substantially the field of view to a user through an eyepiece coupled to the sight system. The sight system can include a display configured to display to the user, through the eyepiece, video of the field of view acquired by the image sensor. The sight system can include a user interface feature configured to change from the optical mode to the video display mode when actuated by the user. Thus, the sight system can be configured to provide bore-sighted optical and video data to the user.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - F41G 1/00 (2015.01)
CPC - F41G 1/00 (2015.10)
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) - F41G 1/00, 38; H04N 7/00, 18 (2015.01)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
UC - 42/111, 120, 122, 132 (Keyword delimited)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PatBase, Google Patents, Google
Search terms used: rifle scope, bore sight, CCD, CMOS, camera, beamsplitter

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2012/0182417 A1 (EVERETT) 19 July 2012 (19.07.2012) entire document	1-20
Y	US 2011/0041377 A1 (THOMAS et al.) 24 February 2011 (24.02.2011) entire document	1-20
Y	US 2005/0018041 A1 (TOWERY et al.) 27 January 2005 (27.01.2005) entire document	10, 11
A	US 2006/0137235 A1 (FLORENCE et al.) 29 June 2006 (29.06.2006) entire document	1-20
A	US 2004/0031184 A1 (HOPE) 19 February 2004 (19.02.2004) entire document	1-20

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:
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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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