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- (71) Applicant: RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02451 (US).
- (72) Inventors: SISNEY, Brent, L.; 831 Rockefeller Ln, Allen, TX 75002-5098 (US). CHIPPER, Robert, B.; 1822 Mountain Laurel, Allen, TX 75002 (US). JACKSON, John; 7305 Dove Cove Drive, Sachse, TX 75048 (US).
- (74) Agent: GATES, Sarah, M.; Lando & Anastasi LLP, Riverfront Office Park, One Main Street, Suite 1100, Cambridge, MA 02142 (US).

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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))

[Continued on next page]

(54) Title: OPTICAL CONFIGURATION FOR A COMPACT INTEGRATED DAY/NIGHT VIEWING AND LASER RANGE FINDING SYSTEM

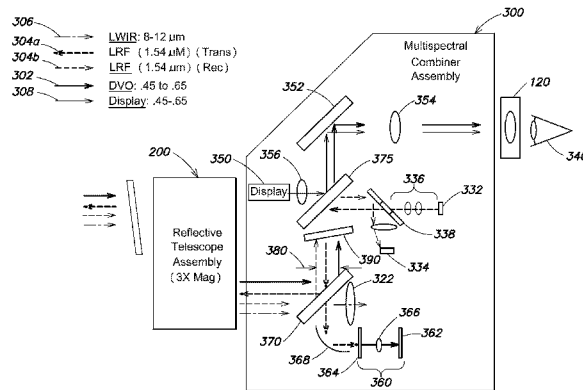


FIG. 3

(57) Abstract: A compact integrated optical system including an eyepiece, a reflective telescope, and a multi-spectral combiner optically coupled between the reflective telescope and the eyepiece, and configured to direct visible light received via the reflective telescope assembly along a direct view optical path to the eyepiece assembly. In one example, the multi-spectral combiner includes a display that displays a visual representation of the imagery of the viewed scene, and laser range-finder transceiver that transmits and receives a laser beam via the reflective telescope. A pair of beamsplitters is used to separate the imaging optical path from the direct view and laser range-finding optical paths. A blocking device is used to enable laser range-finding capability during daytime viewing of the imaging optical path imagery on the display. The reflective telescope provides a common aperture for the direct view optical path, an imaging optical path, and the laser range-finder transceiver.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
 INV. G02B13/14 G01S17/00 G02B27/14
 ADD. G02B23/10

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)
 G02B G01S

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)
 EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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| Y | US 2010/265490 A1 (WATANABE NAOMI [JP]) 21 October 2010 (2010-10-21) paragraphs [0040], [0062], [0079]; figures 1,5 ----- | 1-20 |
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| Y | JP H08 21878 A (NEC CORP) 23 January 1996 (1996-01-23) abstract; figure 1 ----- | 5-7,16 |

Further documents are listed in the continuation of Box C.

See patent family annex.

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| Date of the actual completion of the international search 6 November 2014 | Date of mailing of the international search report 14/11/2014 |
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| Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016 | Authorized officer Casse, Martin |
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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