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[Continued on next page]

(54) Title: SEMI-TRANSPARENT/ TRANFLECTIVE LIGHTED INTERFEROMETRIC MODULATOR DEVICES

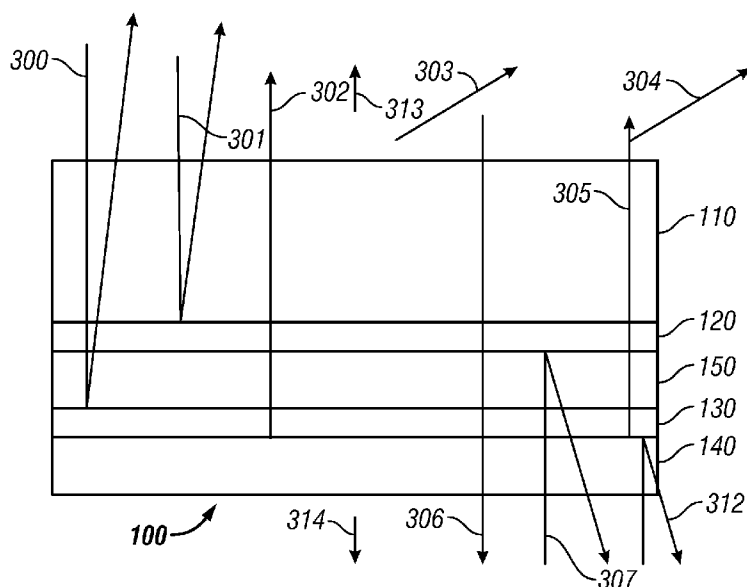


FIG. 8

(57) Abstract: In certain embodiments, a device is provided that utilizes both interferometrically reflected light and transmitted light. Light incident on the device is interferometrically reflected from a plurality of layers of the device to emit light in a first direction, the interferometrically reflected light having a first color. Light from a light source is transmitted through the plurality of layers of the device to emit from the device in the first direction, the transmitted light having a second color.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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

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 practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/024711 A1 (MILES MARK W [US]) 28 February 2002 (2002-02-28) paragraphs [0073], [0074]; figures 20,21	1-6, 22-29
X	EP 1 640 780 A (IDC LLC [US]) 29 March 2006 (2006-03-29) paragraphs [0032], [0033]; figure 10	1,25,27
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

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- *G* document member of the same patent family

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/222418 A1 (MOCHIZUKI FUMIHIKO [JP]) 11 November 2004 (2004-11-11) paragraphs [0067] - [0077], [0115] - [0126]; figures 5,6,12,13 -----	1,6-10
X	US 6 195 196 B1 (KIMURA KOICHI [JP] ET AL) 27 February 2001 (2001-02-27) columns 21-24; figures 1-3,11-16,30-33 -----	1,6-10
X	WO 02/25348 A (SILICON LIGHT MACHINES INC [US]) 28 March 2002 (2002-03-28) page 4, line 12 - page 6, line 17; figures 1-4 -----	1,6-10

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/075736

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.:
because they relate to subject matter not required to be searched by this Authority, namely:
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:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of 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.:
1-10, 22-29
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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5,22-29

Interferometric modulator with backlight

2. claims: 6-10

Additional colors in the reflection spectrum

3. claims: 11-14

Color shift

4. claims: 15-21,30

Bidirectional display

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2008/075736

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