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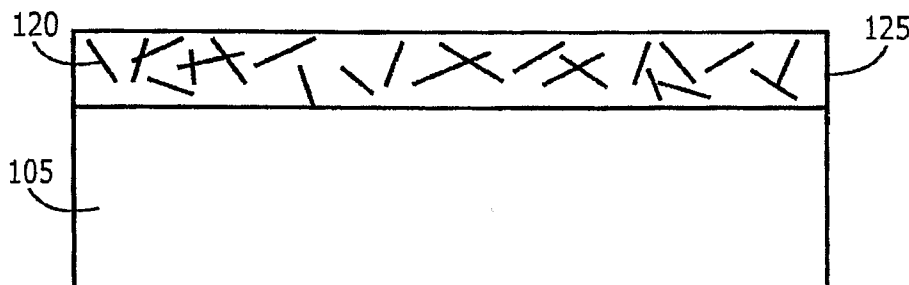
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(57) Abstract: A front projection screen can include a microstructure on an upper surface of a substrate. The microstructure can include a surface that is inclined relative to the upper surface the substrate. A conformal reflective layer that conforms to the surface of the microstructure, can include discrete reflective microscopic objects that are substantially aligned to respective opposing portions of the inclined surface of the microstructure.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/04730

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - G03B 21/60 (2007.10)

USPC - 359/459

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)

USPC: 359/459

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
359/443, 459 (text search, see terms below)

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

PubWEST(PGPB,USPT,EPAB,JPAB); Google Scholar

Search Terms: lens, microlens, lenticle, screen, project, curve, concave, convex, incline, angle, surface

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X -- Y	US 2002/0022940 A1 (CHEN) 21 February 2002 (21.02.2002), para [0039], [0048]-[0051], [0059], [0063]-[0072], Fig 4-17	1-5, 7, 9-15, 17-20, 22-27 and 38 ----- 6, 8, 16, 21 and 28-37
Y	US 2002/0145797 A1 (SALES) 10 October 2002 (10.10.2002), para [0062]-[0069], [0134]-[0136], Fig 25-32	6, 8 and 29-37
Y	US 2005/0168817 A1 (YAMASHITA et al.) 4 August 2005 (04.08.2005), para [0080], [0141], [0142], [0160], [0166]	16, 21 and 28-37
A	US 5,475,533 A (STEENBLIK et al.) 12 December 1995 (12.12.1995), entire document	1-38

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

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"&" document member of the same patent family

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