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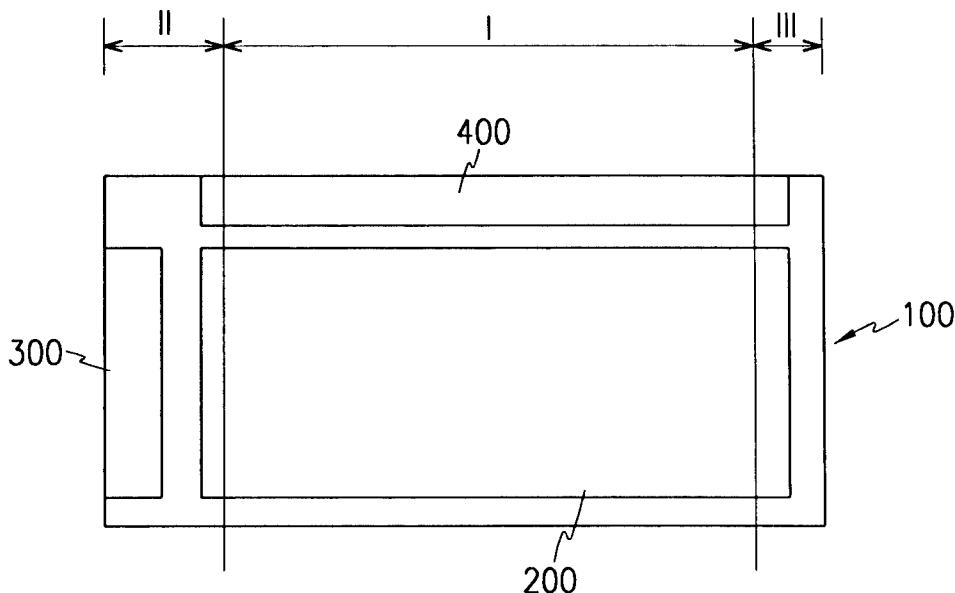
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(54) Title: EXPOSURE MASK



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(57) Abstract: A mask for fabricating a liquid crystal display with a substrate includes a first mask pattern placed at the center of the substrate with the center line to expose the center of the substrate to light. A second mask pattern is placed to the left of the first mask pattern to expose the left side of the substrate to light. The second mask pattern is spaced apart from the first mask pattern with a first distance. A third mask pattern is placed to the right of the first mask pattern to expose the right side of the substrate to light. The third mask pattern is spaced apart from the first mask pattern with a second distance.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2002/000367

CLASSIFICATION OF SUBJECT MATTER

IPC⁸: G03F 7/20; G03F 9/00; G09F 9/30; G02F 1/133; H01L 21/027

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)

IPC⁸: G02F, G03C, G03F, G09F, H01L

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)

Epodoc, Wpi,Paj.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 11 163354 A (ADVANCED DISPLAY INC.) 18 June 1999 (18.06.1999) (abstract). [online] [retrieved on 15.04.2002] Retrieved from: PAJ Database.	1-12
A	JP 63 077028 A (MATSUSHITA ELECTRIC IND. CO. LTD.) 7 April 1988 (07.04.1988) (abstract). [online] [retrieved on 15.04.2002] Retrieved from: PAJ Database.	1-12
A	JP 11 176726 A (NIKON CORP.) 2 July 1999 (02.07.1999) (abstract). [online] [retrieved on 15.04.2002] Retrieved from: PAJ Database.	1-12
A	US 5976738 A (NAKASHIMA) 2 November 1999 (02.11.1999) claims 1,10 & 16; column 1, lines 25-29.	1-12

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

* Special categories of cited documents:

- „A“ document defining the general state of the art which is not considered to be of particular relevance
- „E“ earlier application or patent but published on or after the international filing date
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- „O“ document referring to an oral disclosure, use, exhibition or other means
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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.
A	US 6238851 B1 (NISHI) 29 May 2001 (29.05.2001) <i>claims 1,5 & 12-15; column 1, lines 10-16.</i>	1-12
A	US 5413898 A (KIM et al.) 9 May 1995 (09.05.1995) <i>claims 1-20.</i>	1-12
A	US 5134058 A (HAN) 28 July 1992 (28.07.1992) <i>claims 1-7.</i>	1-12
A	US 5742362 A (CHIKAMICHI) 21 April 1998 (21.04.1998) <i>claims 1-5.</i>	1-12
A	US 5895741 A (HASEGAWA et al.) 20 April 1999 (20.04.1999) <i>claims 7&16; column 1, lines 18-25.</i>	1-12

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/KR 2002/000367**Box I Observations where certain claims were found unsearchable (Continuation of item 1 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 II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

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

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.
 No protest accompanied the payment of additional search fees.