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G02F 1/1335

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2001 12 14
20 - 0255831
2001 11 16

(21) 20 - 2001 - 0028468
(22) 2001 09 15

(73) .
20

(72) 505 - 105

43 - 8

(74)

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가 :

(54)

가

2d

1a 1g

2a 2d

*

200 : 201 :

202 : 203 :

231 : 232 :

271 : 272 :

가

, CRT 가 LCD(Liquid Crystal Display), PDP(Plasma Display Panel) OELD(Organic Electroluminescent Display)

LCD 가 , , , TV

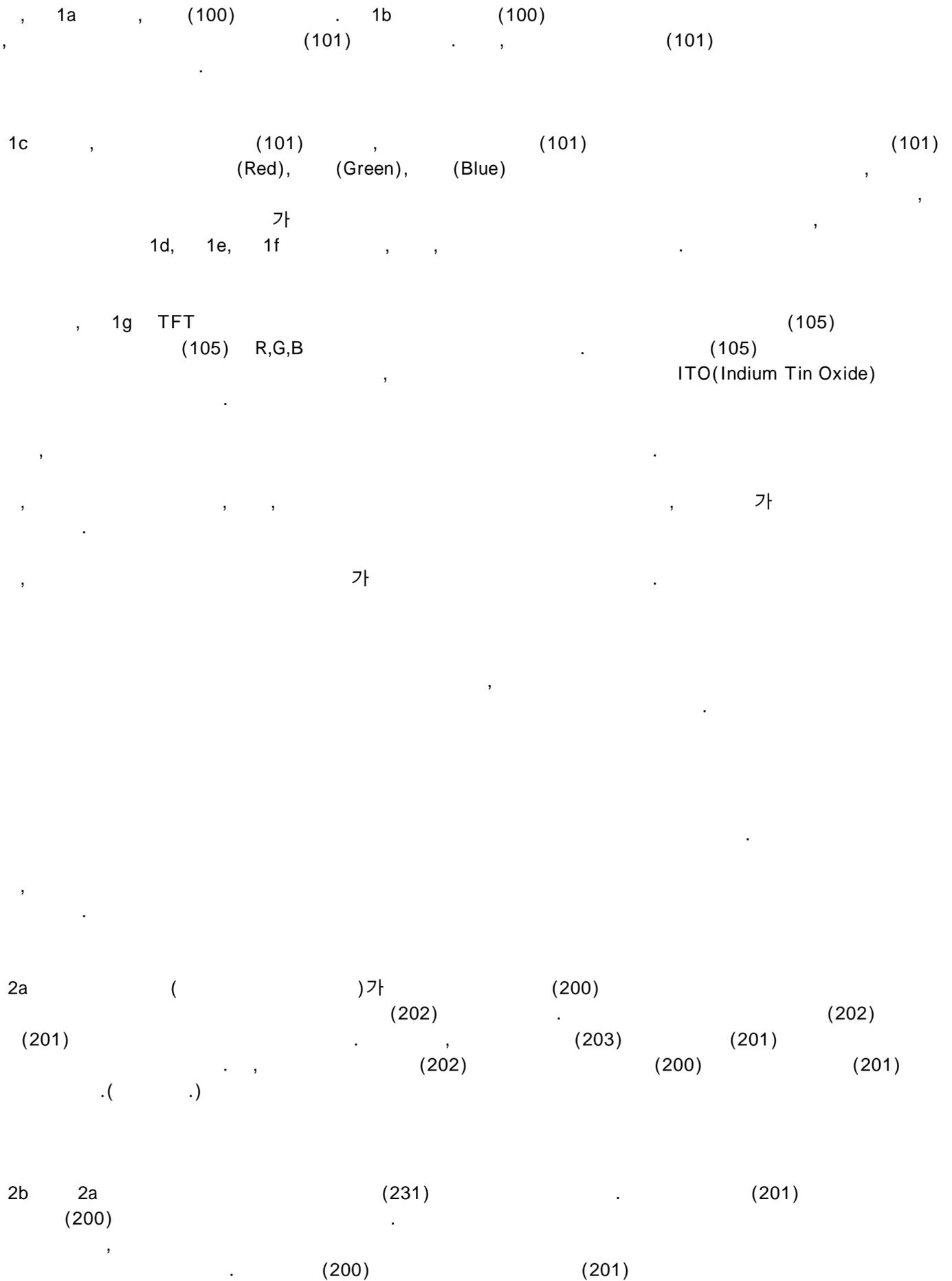
LCD (Color Filter) TFT(Thin Film Transistor) 가 , 가 TFT 가

R,G,B (Red), (Green), (Blue) 가

가 (pixel)

FT - LCD , , , , T

1a 1g



(232) , (232) (231)
 , (232) (232) (200) .
 2c 2a 2b (271) (201)
 (231) (200) (272) (201, 231, 271) (2
 02) (200) (202, 232, 272)
 (272) (201) (231)
 (203) (272) (272) (271)
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 1d (202), (232) (272)
 (201), (231) (271)

가 .

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가 .

(57)

1.

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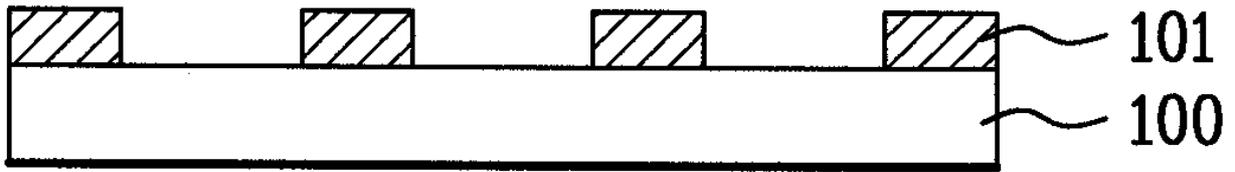
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1a



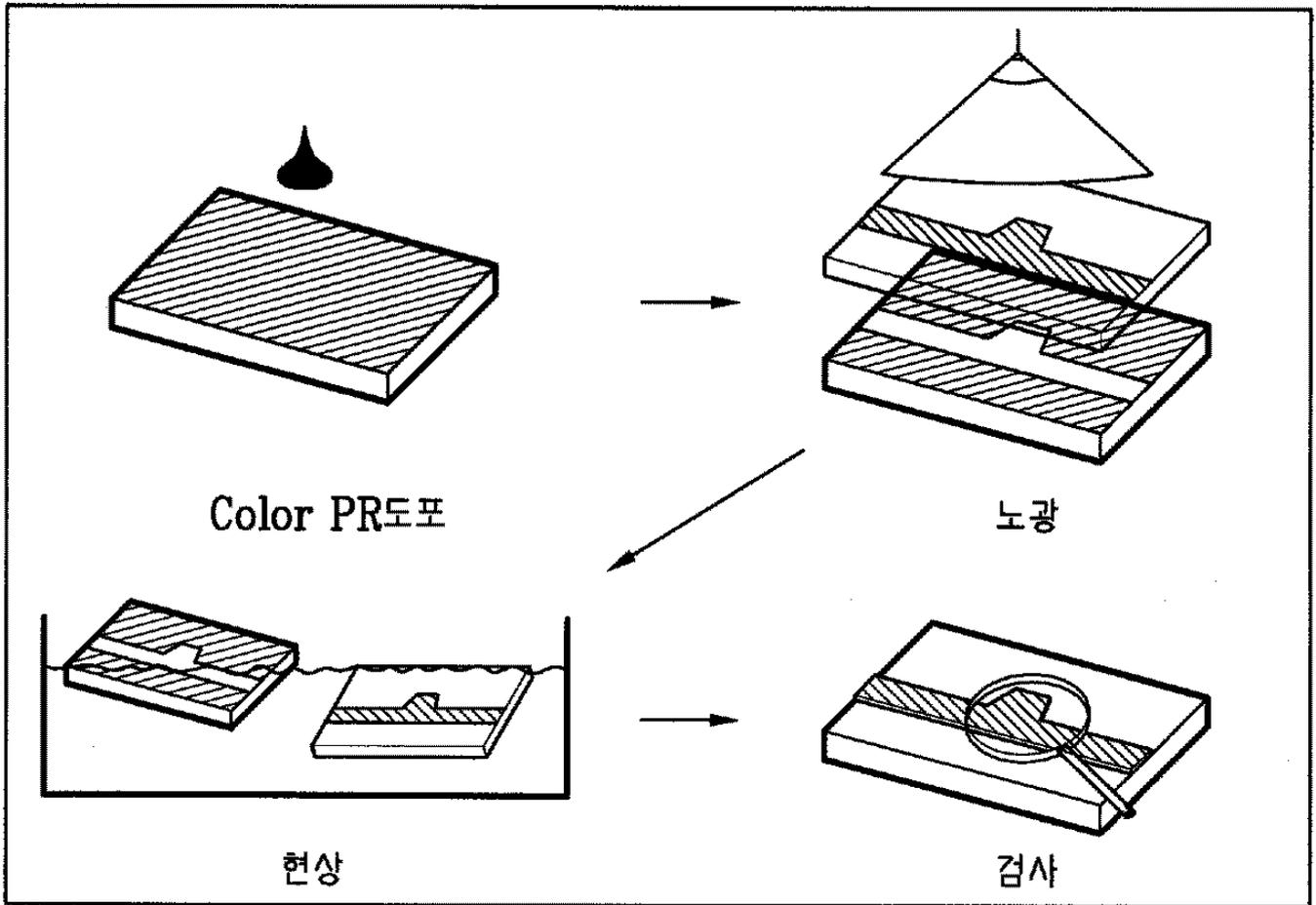
100

1b

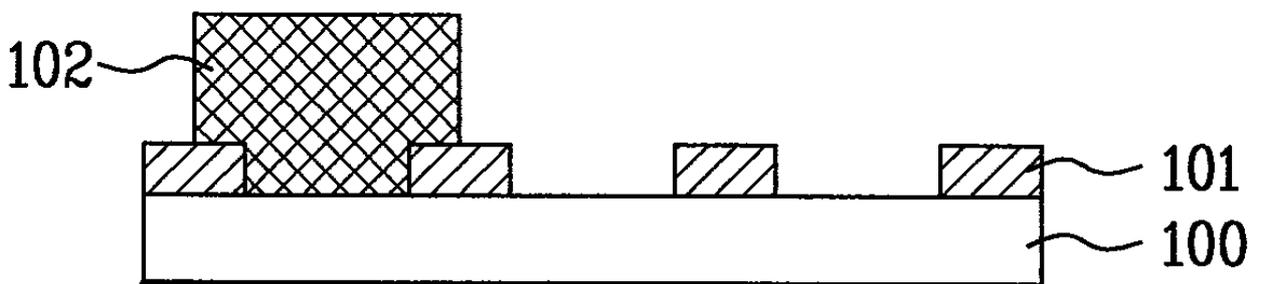


1c

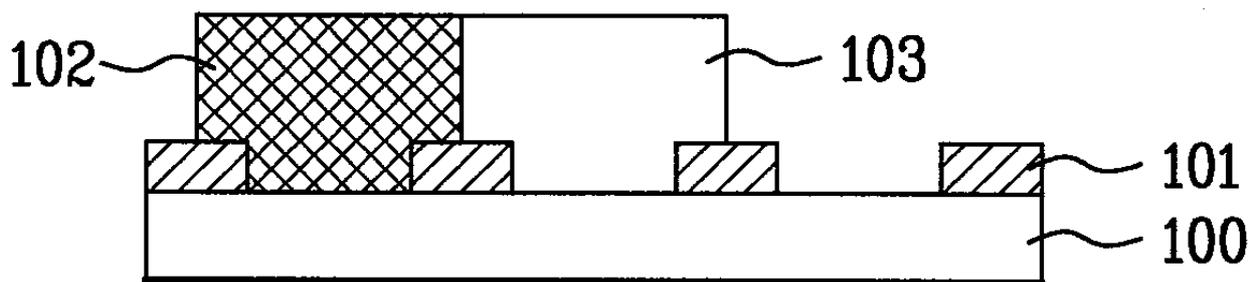
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Color filter 형성



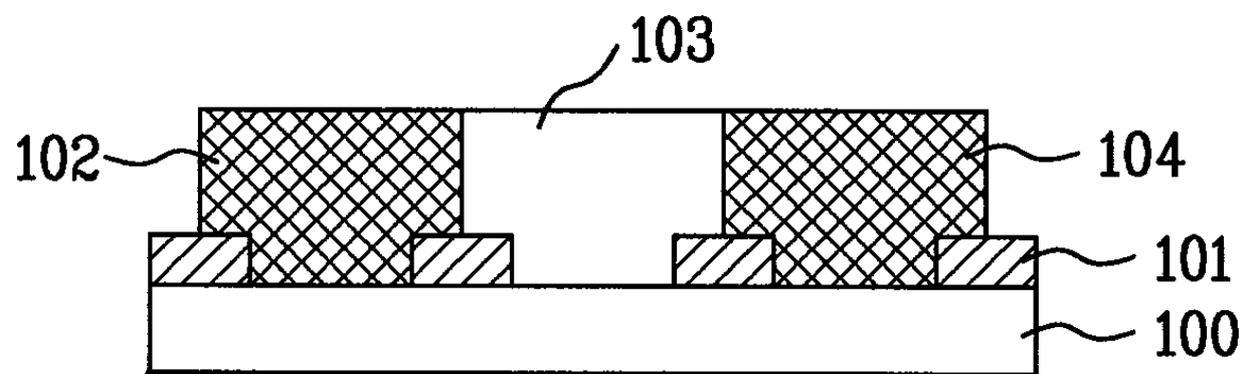
1d



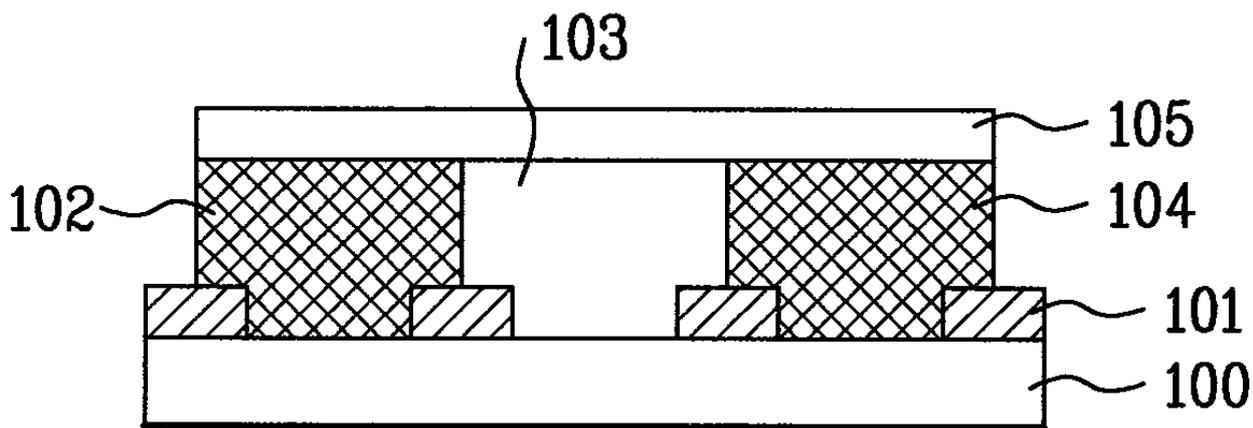
1e



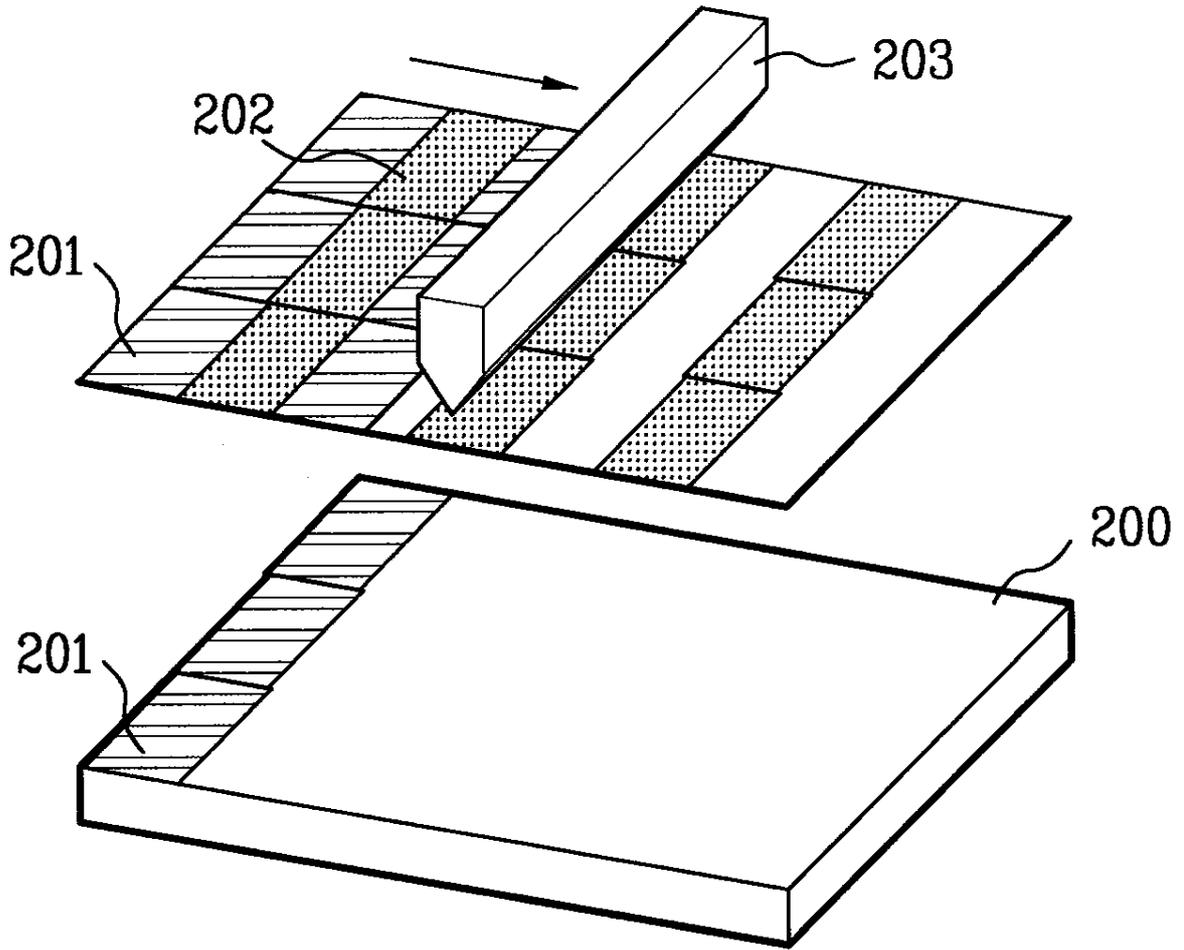
1f

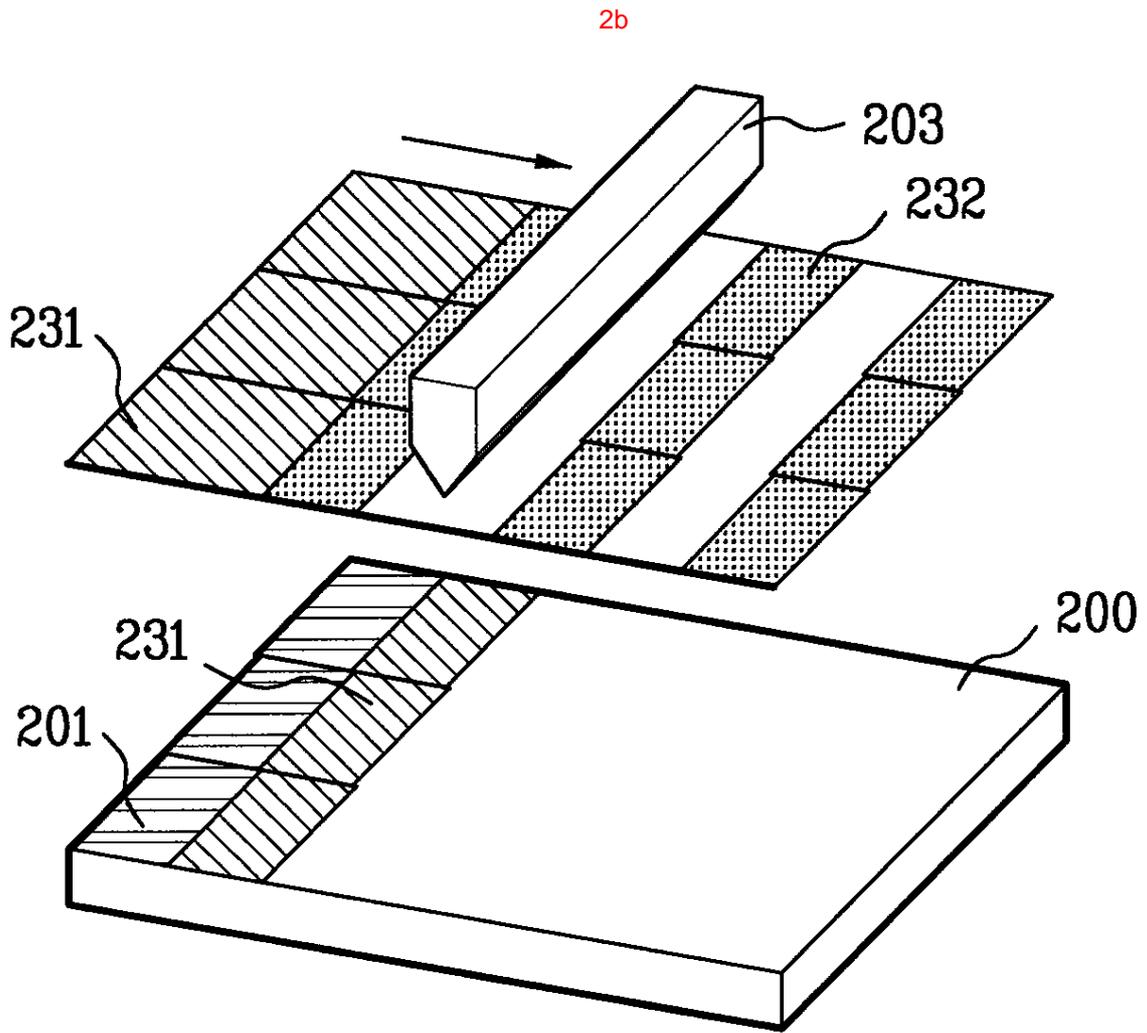


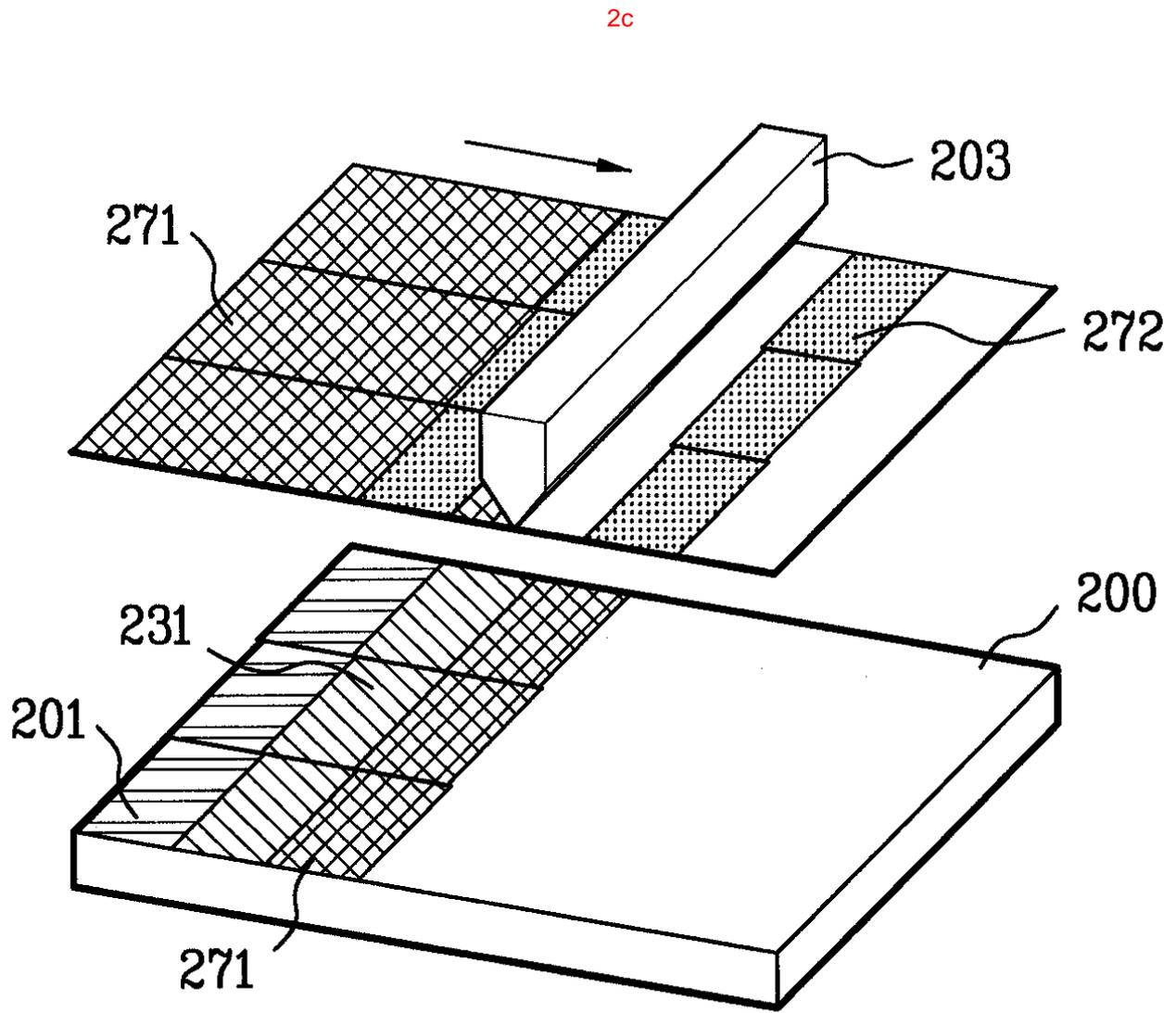
1g

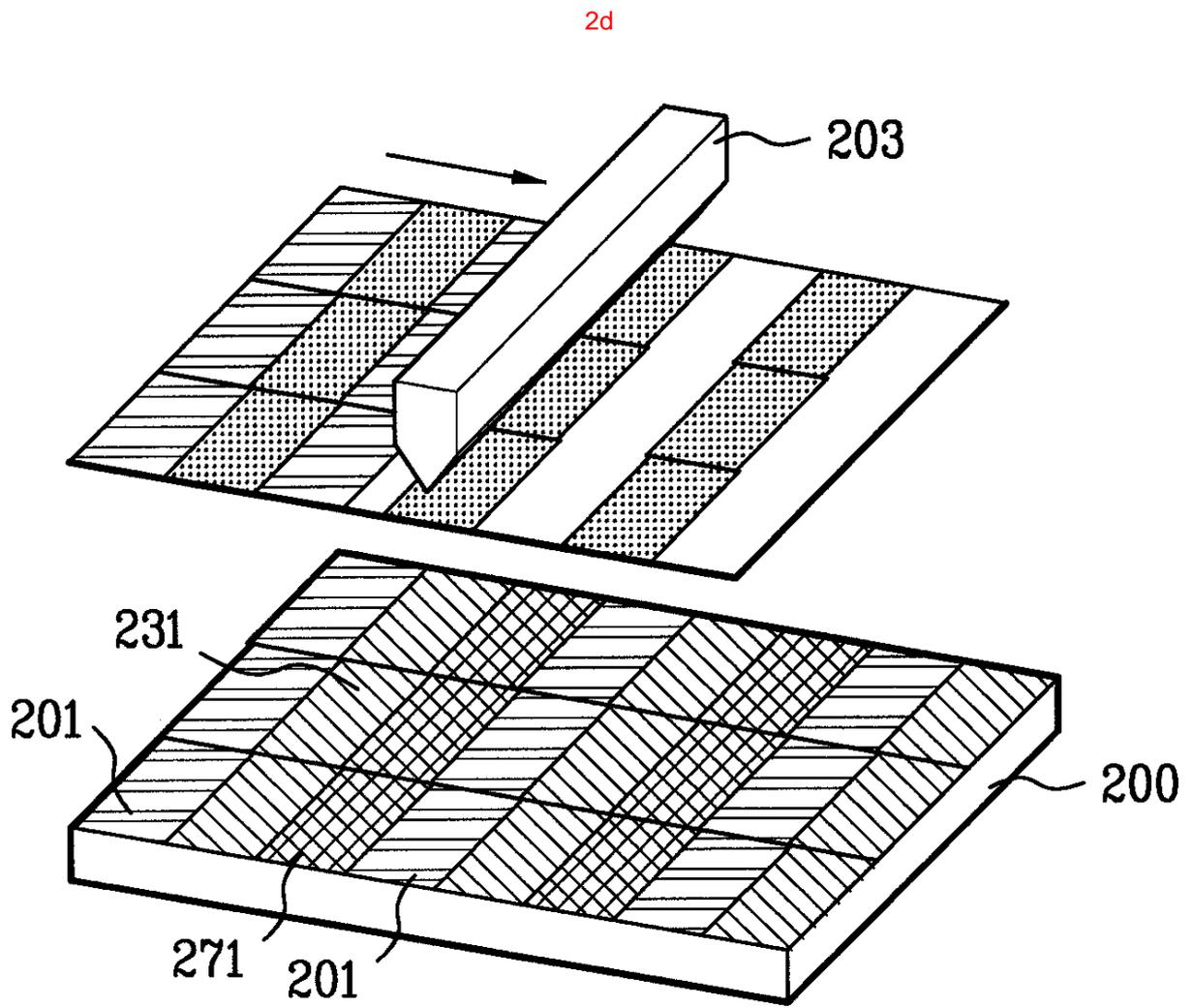


2a









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|----------------|--|---------|------------|
| 专利名称(译) | 液晶显示器 | | |
| 公开(公告)号 | KR200255831Y1 | 公开(公告)日 | 2001-12-14 |
| 申请号 | KR2020010028468 | 申请日 | 2001-09-15 |
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| 当前申请(专利权)人(译) | LG显示器有限公司 | | |
| [标]发明人 | LEE DONGHOON 이동훈 LEE YUNBOK 이운복 | | |
| 发明人 | 이동훈 이운복 | | |
| IPC分类号 | G02F1/1335 | | |
| 代理人(译) | 金勇 新昌 | | |

摘要(译)

主题创新包括由液晶显示装置形成的彩色滤光层，特别是丝作为液晶显示装置通过利用丝网印刷法，彩色滤光片形成，在基板和形成了黑色矩阵的方法之间的黑矩阵和印刷丝网在基板特征。图2d 指数方面 曝光，丝网转印，彩色树脂，丝印面膜，橡胶刀

