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H05B 33/00

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(43)

10-2004-0066728
2004 07 27

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(22) 2004 01 17

(30) 10/346,987 2003 01 17 (US)

(71) 343

(72) 14625 36

(74)

:

(54) OLED

ting diode) , , 가 OLED OLED(organic light emit
OLED , 가
가 (optics) (emitter) OLED

1

1 OLED ,

2 OLED ,

3a, b c OLED ,

4 가 OLED

5 가 OLED ,

6 OLED 가 OLED

42 : 44 :

60 : OLED 62 :

64 : 66 :

OLED (organic light emitting diode, OLED) ,
가 , CRT(cathod ray tubes), LCD(liquid crystal displays),

2002 11 28 가 Armstrong 2002/0175900 A1

가 , 가 ,
(enclosure) 가 가 OLED (parts count),
가 (more integrated solutions) 가 가

(degradation)

OLED 가 OLED 가 OLED 가
OLED

1 (44) (42) OLED

()
 (49) OLED (42) (60)가 (44) , , OLED (4
 2) (42) (neodymium) (62) (erbium) (64) OLED (rare-earth) 가 , OLED
 2 (optics) (62) (62) (64) OLED (60) 가 (42) (66)
 (64) (44) (66) (44) 45° (44) 45°
 () (62) (64)
 3a, b c (62) (60) (64) 가 가 3a (64)
 (62) (64) 가 (60) 3b (interdigitated). Armstrong
 2002/0175900 3c (60)
 (64) (60)
 OLED (62) 45° (66)
 OLED (64) (64) (62) (64) 45° 가
 가 / 가 가
 OLED (62) (energized) 가 (ambient light),
 (64) (relative amount of light)
 (62)
 (convex shapes)가 (robust) 가
 가 가
 4 (62) (64) 45° (66)
 가 (70) (64) (optics) 5 (72) (62)
 6 ED (44) (42) (bottom-emitting) OLED
 () (49) (42) OLED (44) (60)가 (42)
 () OLED

가 , 가 , ,

(57)

1.

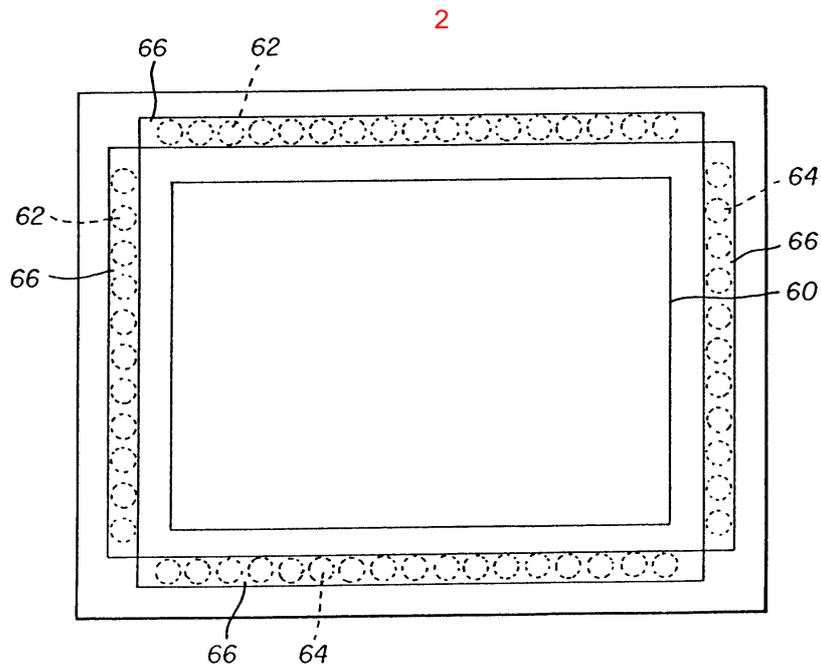
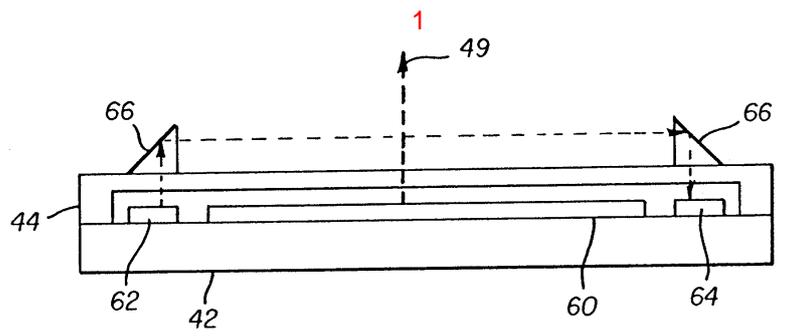
a) ,

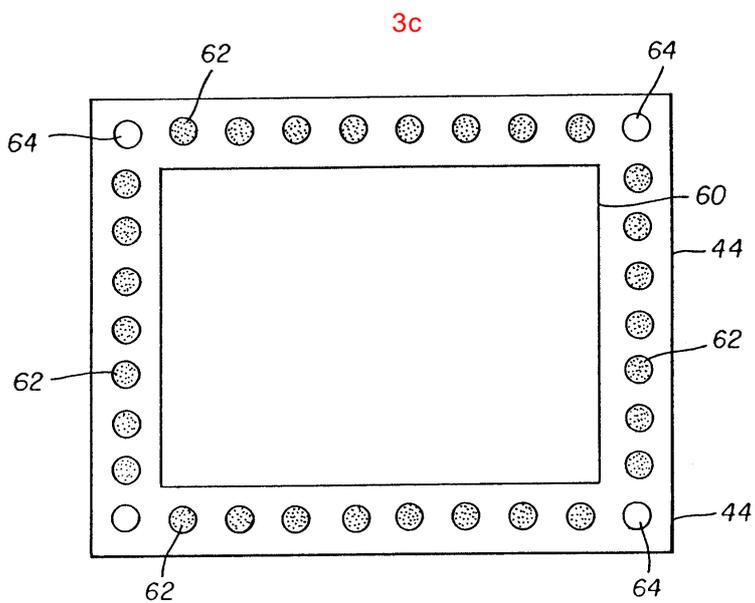
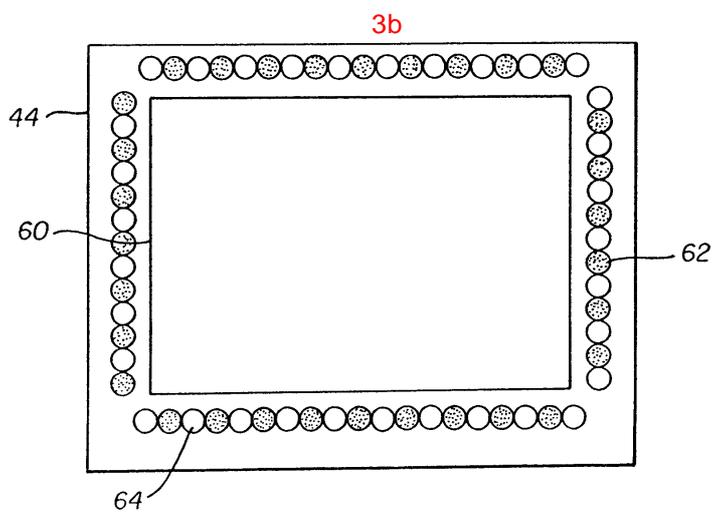
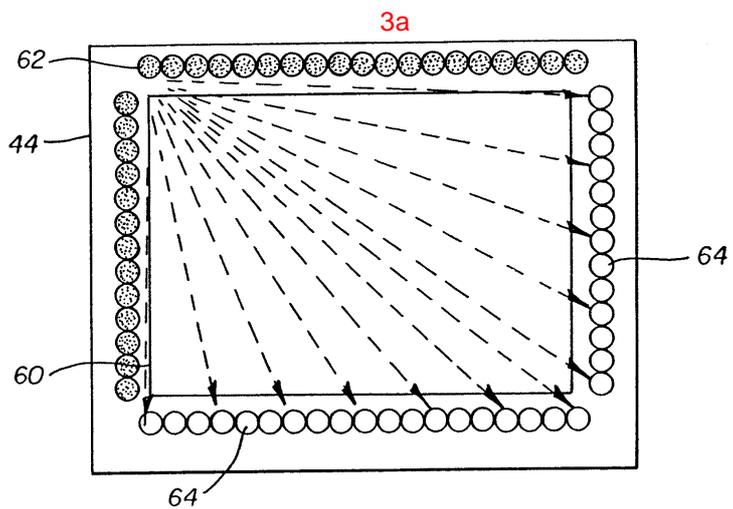
b) 가 OLED OLED ,

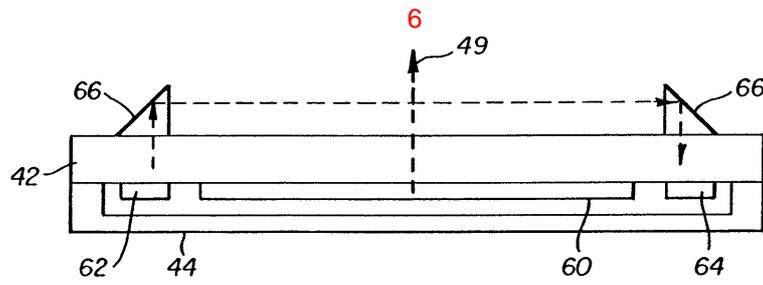
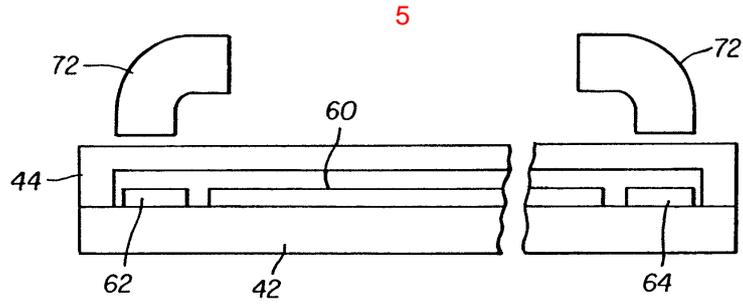
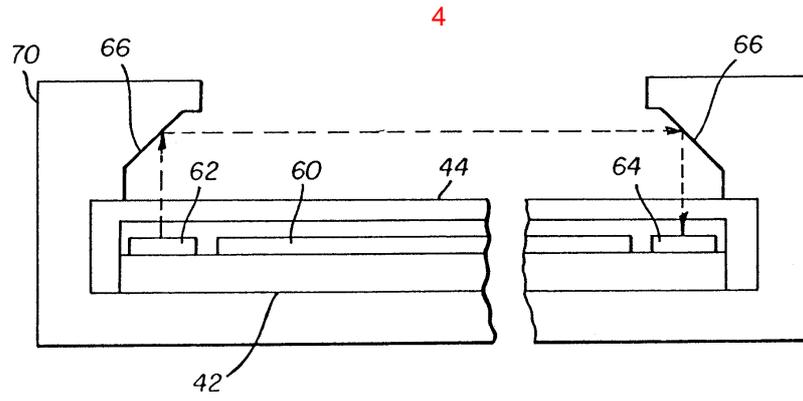
c) OLED , 가

가 (optics)

OLED(organic light emitting diode)







专利名称(译)	OLED显示屏和触摸屏系统		
公开(公告)号	KR1020040066728A	公开(公告)日	2004-07-27
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[标]申请(专利权)人(译)	伊斯曼柯达公司		
申请(专利权)人(译)	柯达公司针		
当前申请(专利权)人(译)	柯达公司针		
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发明人	COK, RONALDS.		
IPC分类号	H01L27/32 G09G5/00 H01L51/50 H05B33/14 G09F9/30 G09F9/00 G06F3/033 H05B33/00 G06F3/03 G06F3/042 G09F9/33 G06F3/041		
CPC分类号	H01L27/323 H01L27/3227 C01B32/30		
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优先权	10/346987 2003-01-17 US		
外部链接	Espacenet		

摘要(译)

本发明涉及OLED显示器和配备有触摸屏的触摸屏系统，该触摸屏包括OLED（有机发光二极管）显示器，并且光学器件（光学器件）包括可寻址基板的OLED阵列，并且形成离散的在基板上，光学器件（光学器件）布置在OLED光发射器中，在基板上形成光学传感器，由光学发射器形成，跨越基板上的显示器，光学发射器，光学传感器，上部和显示器围绕显示器并将光发射器（发射器）发出的光定向到光学传感器。

