

(19)
(12)

(KR)
(Y1)

(51) 。 Int. Cl. ⁷
G02F 1/1339

(45)
(11)
(24)

2001 12 28
20 - 0257060
2001 11 29

(21) 20 - 2001 - 0028375
(22) 2001 09 14

(73) .
20

(72) 710 101 1701

(74)
:

가 :

(54)

가 , 가 , 가

1
 2
 3 1 2
 4
 5
 6
 7 5 6
 8

가

가

(Touch Panel)

가

가

1 2 가 1
 2
 1 (10) (14A) (14B)
 (12) (14A) (10) (20A)
 (20B) (21) (22) 가 (20A)
 (23), (24), (25A) 1 (26A) (20B)
 (27), (28), (25B) 2 (26B) 가
 (22) (20A,20B) (20A,20B) 1 (26A)
 (22) (22)
 가 (12) (30)
 (31) (32) (32) (31)
 (31) (32)
 (32)

(31)

가

1 , (10) (14A) (14B) , (16)
 (14A) . (16) (33) (34)
 (35) 가 . (33) 1 (36A) (34)
 2 (36B) . 2 (36B) (34)가 가
 1 (36A) 가 가
 . 2 (10) 1 .

1 2 (22) (20A,20B)
 (10) , (12,16) 가 (10)
 (10) (20B) , (12,16) 가 (20A,20B)
 (21) 가 가 ,
 가, 가 .
 (22)가 (20A) 가 가
 . (20A,20B) (22)가 (20 (20A,20B)
 A) (22) 3 , (22)
 (20A) 가 . 3 , 가 (22)
 (12,16) , 3 , 29
 1 2 .

, (22) 가 , (22)
 (20A) (22) 가 , 가 4 ,
 (12,16) (22) 가 ,
 (10) .

(22)
 22)가 (22) 가 ((22)가 ()
 , 가 .
 가 가
 가 가

가

가

가

5 8

5

6

가

5

6

5

(50)

(44A)

(44B)

(42)

(44A)

(40)

(50A)

(50B)

(51)

(52)

가

(50A)

(53),

(54),

(55A)

1

(56A)

(57),

(58),

(55B)

2

(50B)

(56B) 가

(52)

(50A)

(50B,50A)

1

(56A)

(50B)

(57)

가

(57)

(59)

(53)

2

(56B)

(50B)

(50B)

(57)

가

(53)

(50B,50A)

(52)

(50B,50A)

가

(42)

(60)

4.75 μ m

(61)

(62)

(62)

(61)

(61)

(62)

(62)

(61)

가

6

(40)

(44A)

(44B)

(46)

(44A)

(46)

(63)

(64)

(65) 가

(63)

1

(66A)

(64)

2

(66B)

2

(66B)

(64)가

가

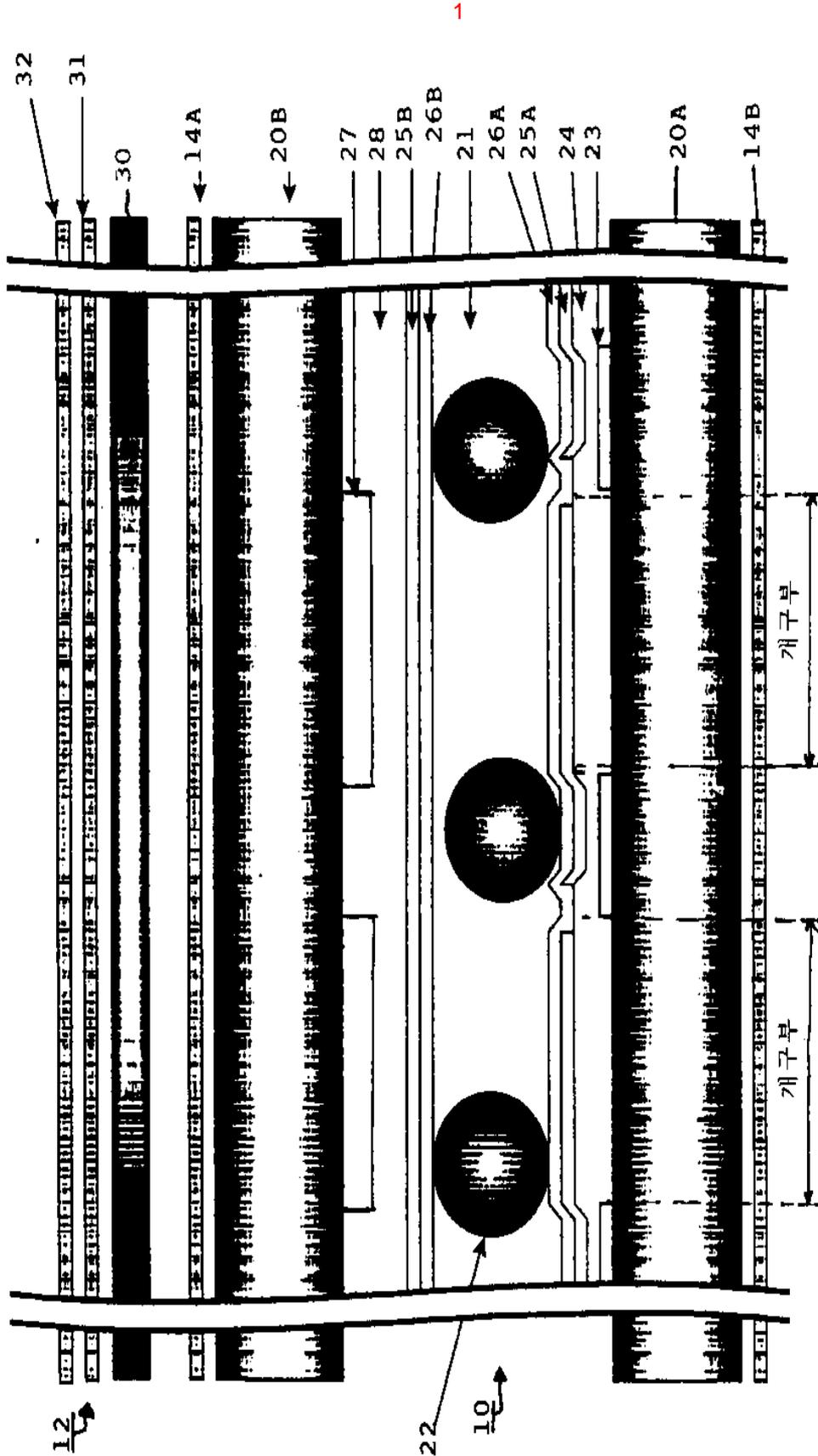
가

1

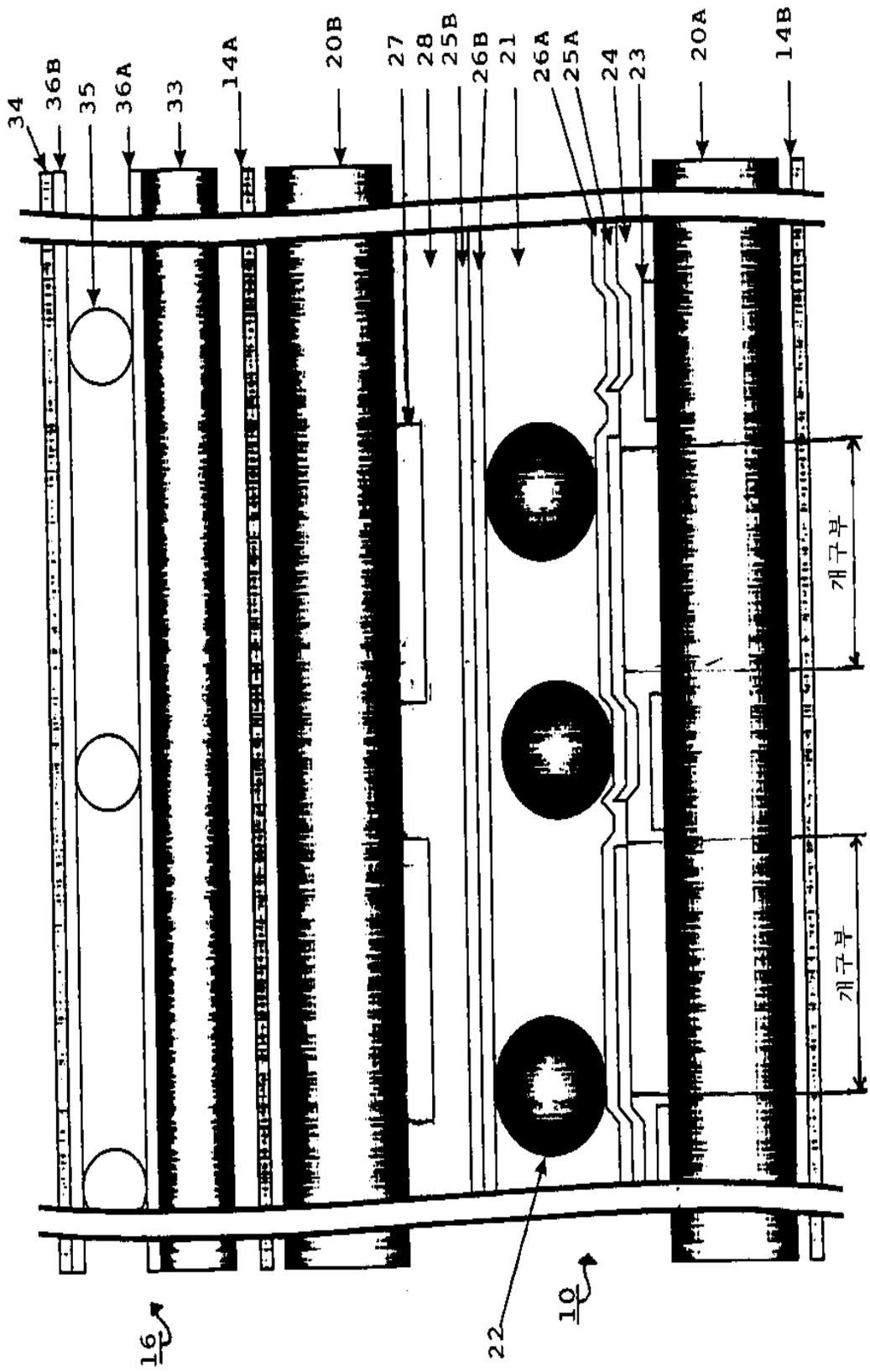
(66A)

(40)

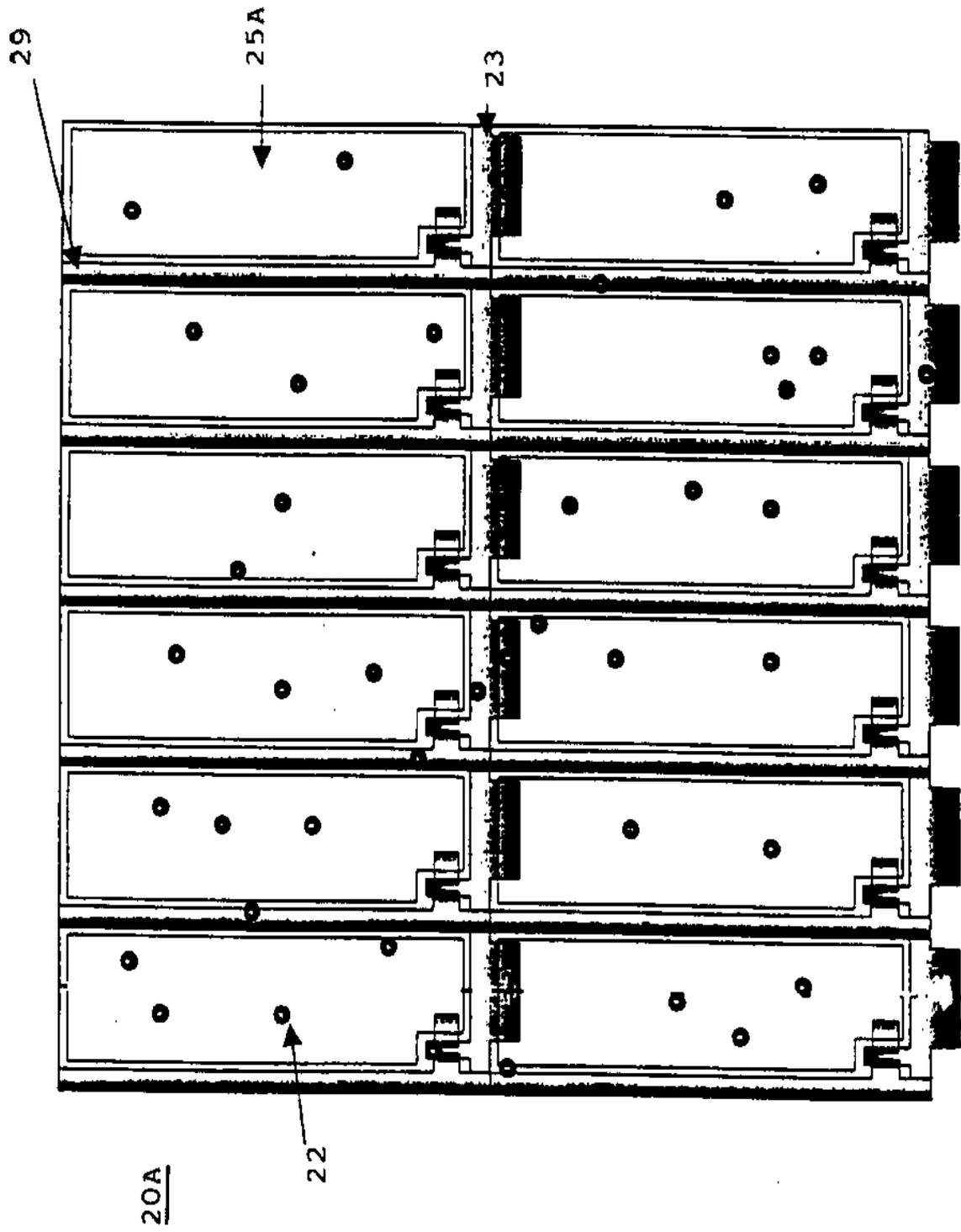
5



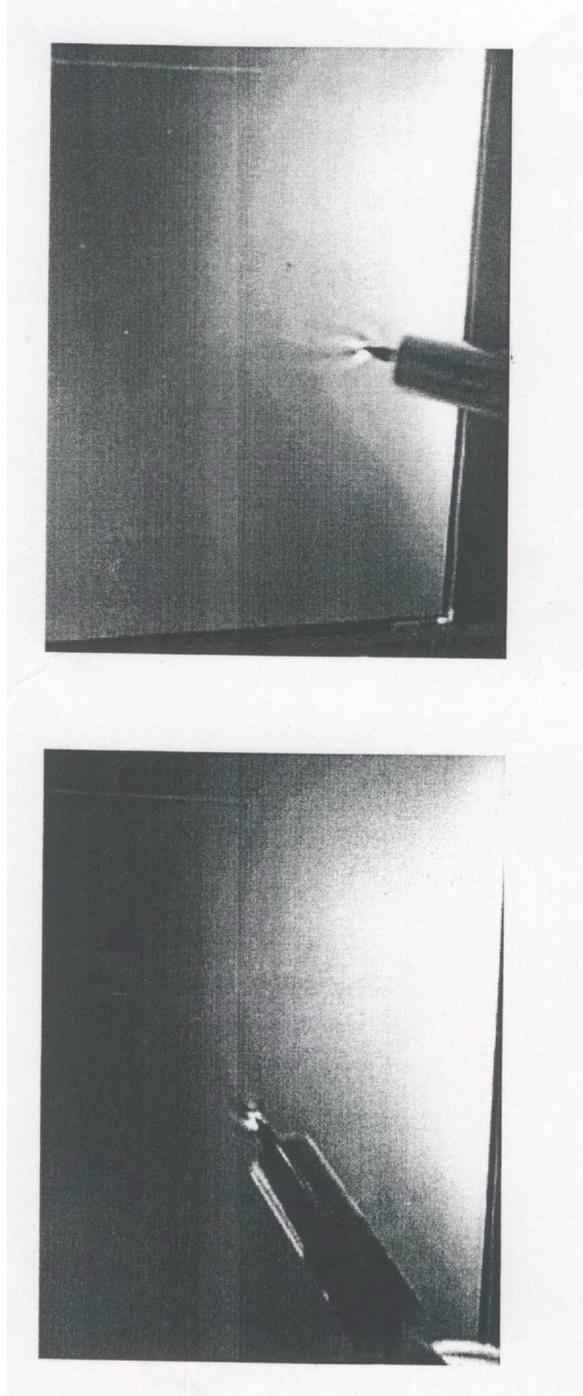
2



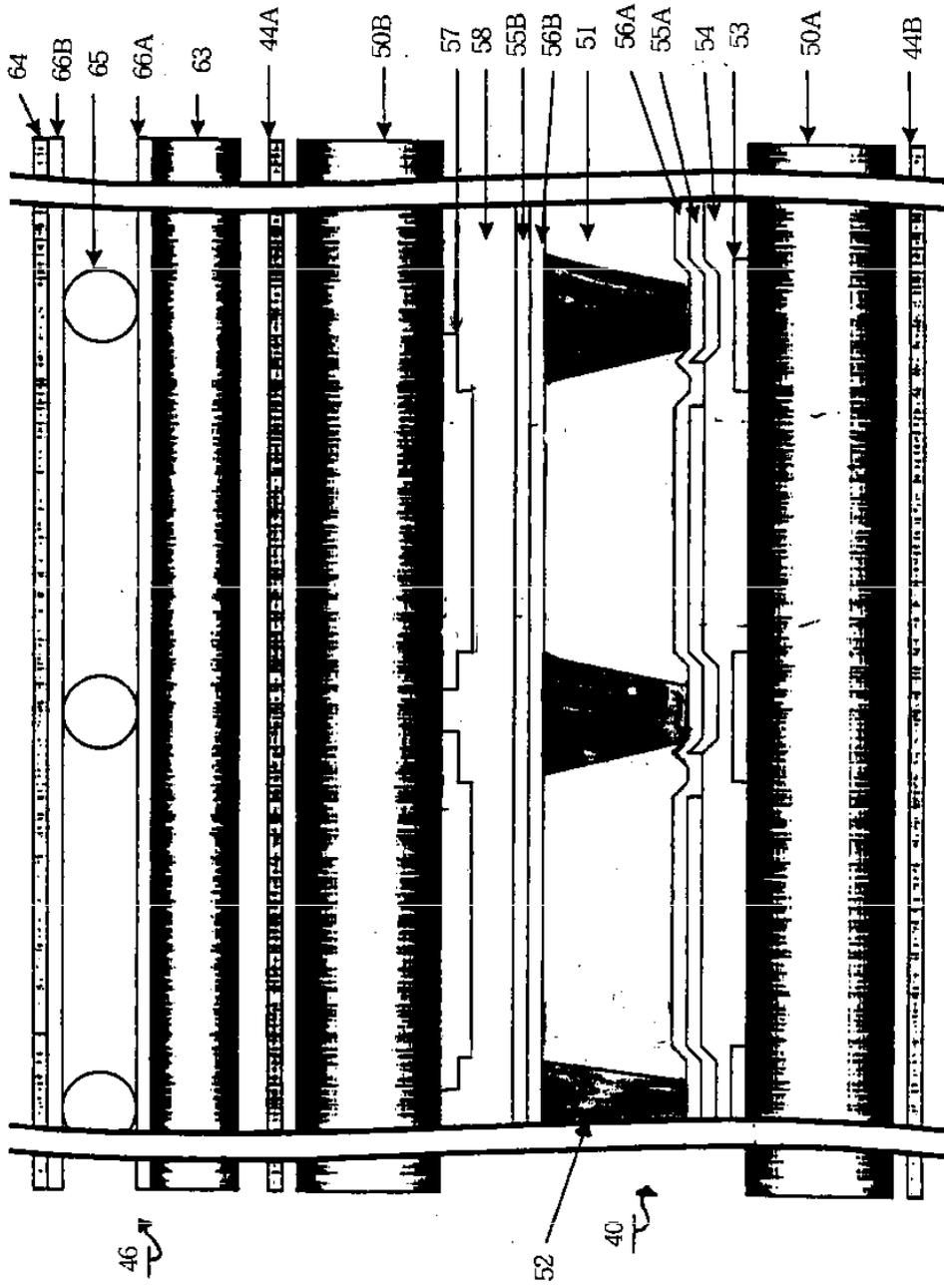
3



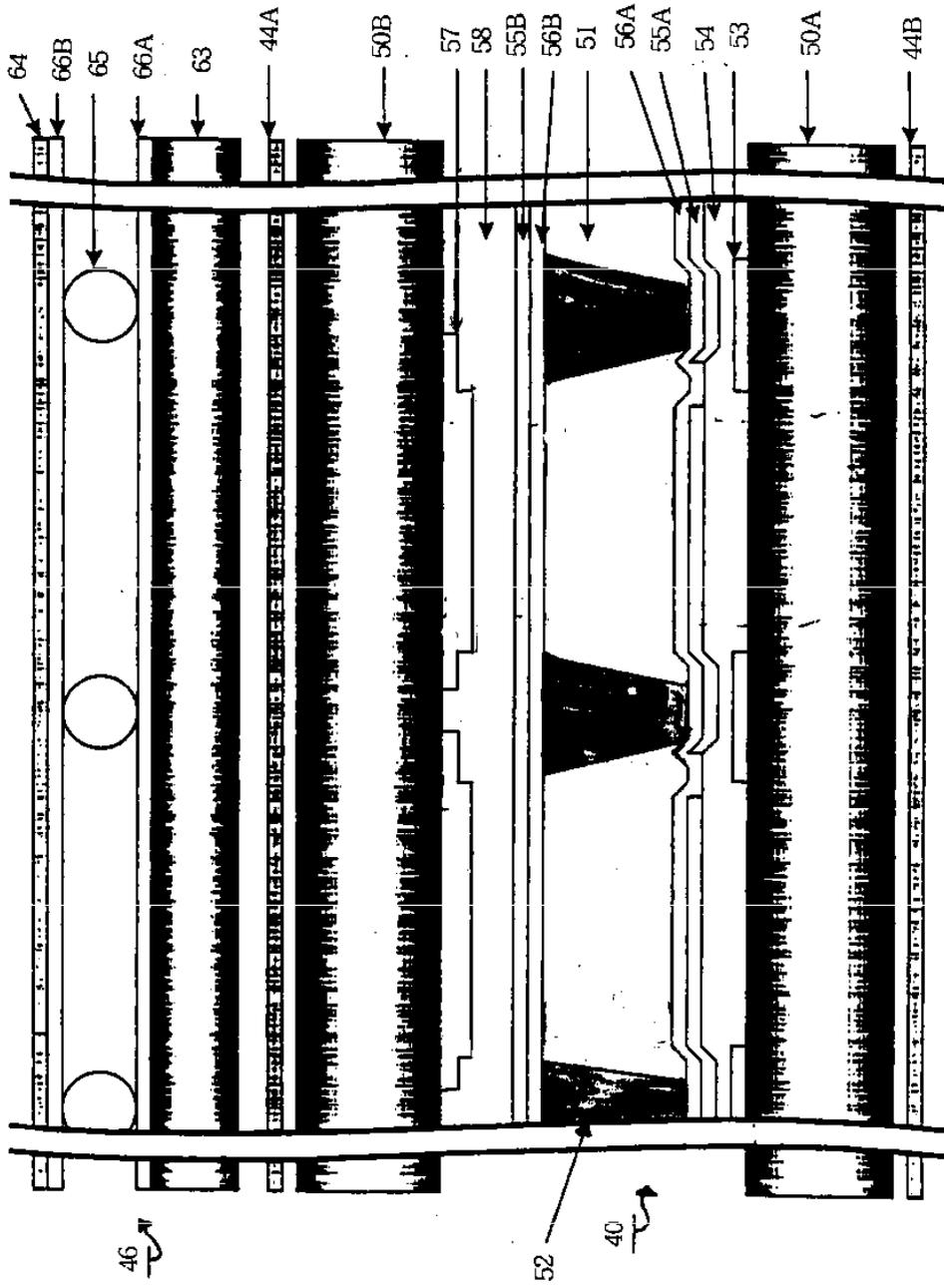
4



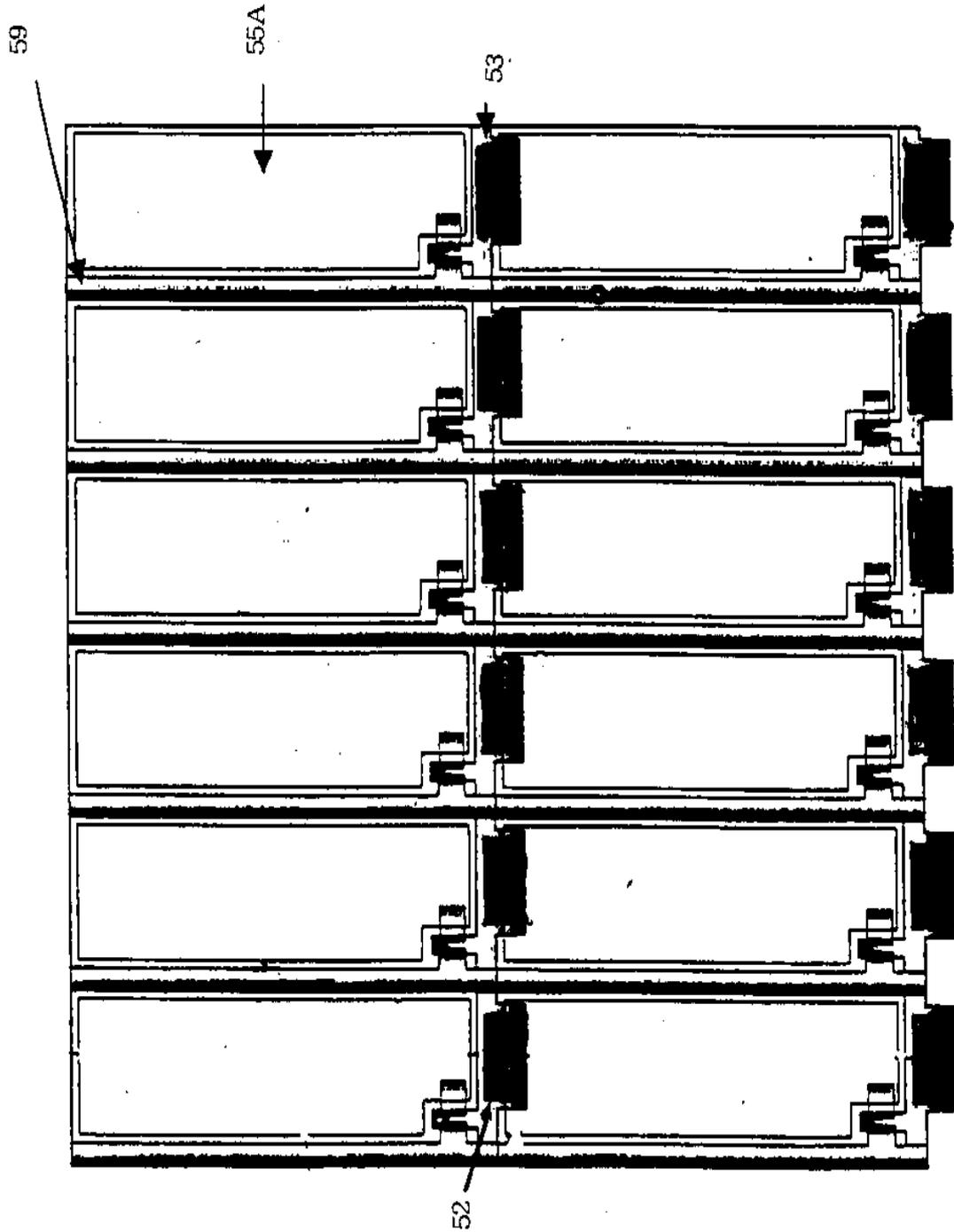
5



6

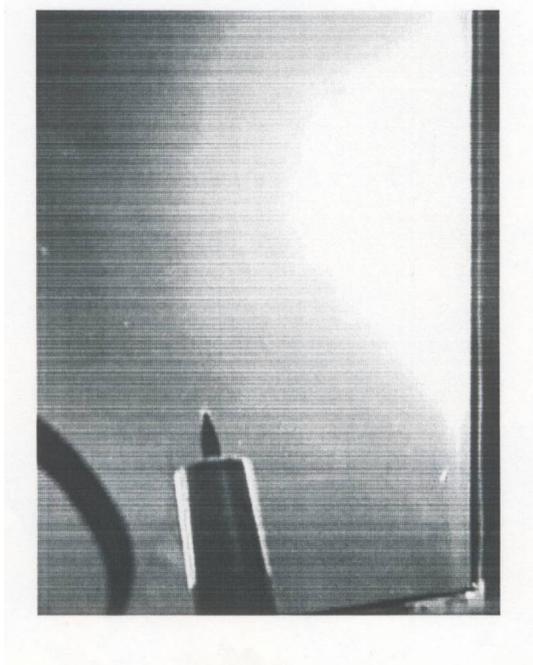
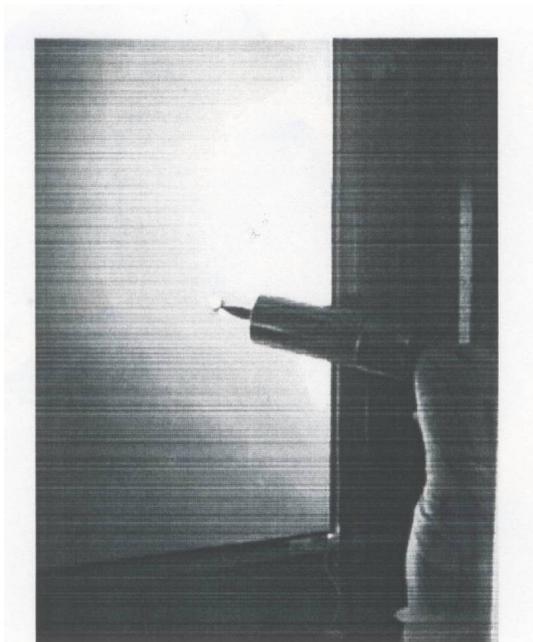


7



50A

8



专利名称(译)	触摸屏集成液晶面板		
公开(公告)号	KR200257060Y1	公开(公告)日	2001-12-28
申请号	KR2020010028375	申请日	2001-09-14
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
当前申请(专利权)人(译)	LG显示器有限公司		
[标]发明人	YU HWANSEONG		
发明人	YU,HWANSEONG		
IPC分类号	G02F1/1339		
代理人(译)	KIM , YOUNG HO		

摘要(译)

本主题创新涉及一种液晶面板，并且更具体地涉及适当的触摸面板一体型的液晶面板的驱动器的失真最小化当触摸面板的图像。 另外，在液晶面板为根据本发明的触摸面板一体型的液晶面板配备有触摸面板，并且在每个数据线和栅极线交叉的附近被提供具有开关元件交点的下玻璃基板上，上部玻璃基板，具有黑色矩阵并与下部玻璃基板接合，下部玻璃基板或上部玻璃基板，栅极线或数据线区域被黑色矩阵覆盖，以及图案间隔物，其在下玻璃基板上玻璃基板之间保持恒定的间隙。度

