



(19)
(12)

(KR)
(B1)

(45)
(11)
(24)

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97136447 2008 09 23 (TW)

(56)

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(74)

106, 3, 136, 14

(72)

320, 239, 25, 10

638, 58

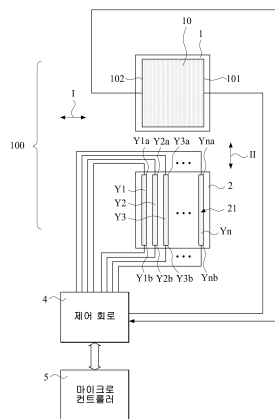
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1 2 2 1 2 1 2 1 2

1 1 2 2

1 1



1

1 2 1 1 2 1 2 1

2 1 1 1 1 1 1 1

2 2 2 1 1 1 1 1

,

(a) 1 1 1 1 1 1 1 1

2 1 1 1 1 1 1 1

;

(b) 1 1 1 1 1 1 1 1

2 2 1 1 1 1 1 1

,

;

(c) 2 1 1 1 1 1 1 1

;

(d) 2 1 1 1 1 1 1 1

2 2 1 1 1 1 1 1

;

(e) 1 1 1 1 1 1 1 1

2 2 1 1 1 1 1 1

,

(f) 1 1 1 1 1 1 1 1

;

(g) (a) (f) ;

2

1 1 1 1 1 1 1 1

(a) 1 1 1 1 1 1 1 1

3

1 1 1 1 1 1 1 1

(a) 1 1 1 1 1 1 1 1

4

1 1 1 1 1 1 1 1

(c) 2 1 1 1 1 1 1 1

5

1 1 1 1 1 1 1 1

(c) 2 1 1 1 1 1 1 1

6

1 ,
(d) , 2

7

1 ,
(d) , 2

8

1 ,
(f) , 1

9

1 ,
(f) , 1

10

1 2 1 2 1 1 ,
1 2 1 2 2 2 ,
(a) 1 1 , 1 2
1 ;
(b) 1 , 1 2
, 2 1 1
;
(c) 2 , 1
;
(d) 2 1 , 2
2 2
;
(e) , 1 1
2 , 2 1 ;
(f) 1 , 2
;
(g) (a) (f) ;

11

10
(c) 2

12

10
(d) 2

13

10
1

14

10
1

[0001]

[0002]

(Indium Tin Oxide, ITO)
(conductive glass)

(insulation spacer)

X Y (voltage level)

[0003]

(elongate conductive strip)

5, 181, 030

(divided voltage)

4, 587, 378

(conductive pathway)

(touch tablet)

[0004]

[0005]

1 2

1 2

[0006]

, 1 1 2 2 1 ,
 2 1 2 ,
 , 1
 , 2 1 2
 , 1 2

[0007]

[0008]

1 2 1 , 1
 , 2 , (100) 1 (1) 1
 (1) 2 (2) 1 (1) (3) 2
 (2)

[0009]

1 (1) 1 (1) 1 (10)
 1 (10) (ITO) , 1 () 1 (101) 2 (102)
 . 1 2 (101, 102) (5) (4)
 (102) (4) 1 (10) 1 (101) , 1 (10) 2
 (V2) (O), (G) , 1 (10)

[0010]

2 (2) , 2 (2) 2 (21) 2 (21) 2 (2)
 (Y1, Y2, Y3, ..., Yn) (Y1, Y2, Y3
 ..., Yn) 2 () , 1 (Y1a, Y2a, Y3a, ..., Yna) 2 (Y1b,
 Y2b, Y3b, ..., Ynb) (Y1, Y2, Y3, ..., Yn) 1 (Y1a, Y2a, Y3a, ...,
 Yna) 2 (Y1b, Y2b, Y3b, ..., Ynb) , (4)

[0011]

(4) , 1 (10) 2 (21) 2 (21)
 1 (x) , 1 (10) 2
 (y)

[0012]

3 4 3 1
 , 4 1 2
 (VI) (4) 1 (10) 1 (101) 1
 (10) 2 (102) (V2) (O), (G) , 101 1
 (10)

[0013]

(100) , 1 (10) 2
 (21) , 102 1 (10) 2
 (21) (4) 2 (21) (Y1, Y2, Y3, ..., Yn)
 , 1 (x) (103).

[0014]

4 , L1 L2 , 1 (1
 0) 2 (21) L1' L2 (4) 2 (21)

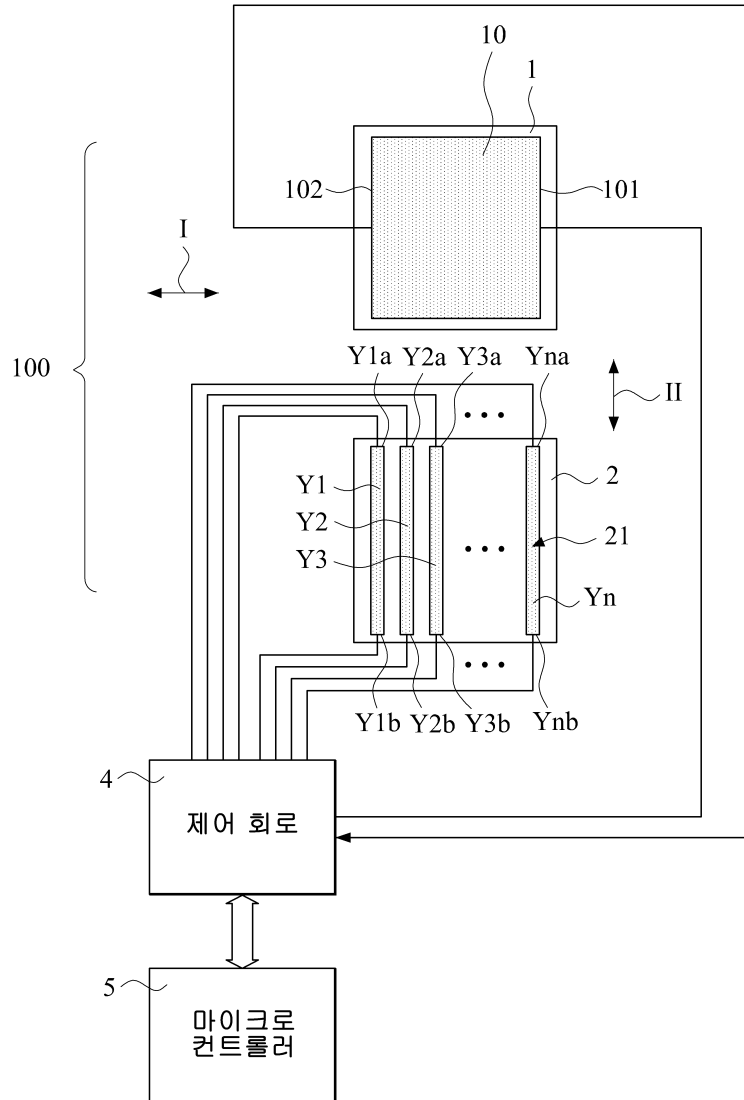
- [0015] (4) L1 L2 1 (x) .
 (5) (4) 2 (21) (Y1, Y2, Y3, ..., Yn)
 1 (Y1a, Y2a, Y3a, ..., Yna) (V1) (Y1, Y2, Y3, ..., Yn)
 ..., Yn) 2 (Y1b, Y2b, Y3b, ..., Ynb) , (V2) (OV), (G)
 (4) 2 (21) (Y1, Y2, Y3, ..., Yn)
 (104).
- [0016] 105 , 2 (21) L1' L2' 1 (10)
 . , 106 , (4) 1 (10) ,
 2 (y) .
- [0017] 1 (10) 2 (21) , L1 L2 1
 (x) 2 (y) .
- [0018] 6 7 . 6 , 2
 . 7 , 6 , 1 2 ,
 2 .
- [0019] , (100a) 1 (10) , (X1, X2, X3, ..., Xn)
 . (X1, X2, X3, ..., Xn)
 , 1 (1) 1 (X1a, X2a, X3a, ..., Xna) 2 (X1b, X2b, X3b, ..., Xnb)
 .
- [0020] 2 1 , 2 1 (10) (X1, X2,
 X3, ..., Xn) 1 1 (10) .
 , (X1, X2, X3, ..., Xn) 1 (X1a, X2a, X3a, ..., Xna) 2 (X1b, X2b,
 X3b, ..., Xnb) 1 (10) 2 (21)
 , (100a) .
- [0021] 8 , 3 . 3 2
 , (X1, X2, X3, ..., Xn) 1 (X1a, X2a, X3a, ..., Xna) 2 (X1b, X2b, X3b,
 ..., Xnb) (4) .
- [0022] 9 , 3 . (4) 1
 (10) , 2 (21) . (4)
 , (X1, X2, X3, ..., Xn) .
- [0023] , (4) (X1, X2, X3, ..., Xn) 1
 (X1a, X2a, X3a, ..., Xna) (V1) , 2 (X1b, X2b,
 X3b, ..., Xnb) (V2) (OV), (G) , 1 (10)
 (X1, X2, X3, ..., Xn) (201) . (4)
 (X1) , (X2, X3, ..., Xn)
- [0024] , (4) (X1, X2, X3, ..., Xn) 1 (X1a, X2a,
 X3a, ..., Xna) (V1) , 2 (X1b, X2b, X3b, ..., Xnb)
 (V2) (OV), (G) , 1 (10) (X1, X2, X3,
 ..., Xn) .
- [0025] (100b) , 1 (10) 2
 (21) . , 202 1 (10) 2 (21)
 . (4) 2 (21) , 1 (x) (203) .
- [0026] (4) , 2 (21) (Y1, Y2, Y3, ..., Yn)
 . (4) , Y1 ,

- (4) (Y2, Y3, ..., Yn) ,
(Y1, Y2, Y3, ..., Yn) .
- [0027] 204 , (X1, X2, X3, ..., Xn) .
(4) 201 .
- [0028] (X1, X2, X3, ..., Xn) , (4) 2 (21)
1 (10) , (4) 2 (21) (Y1, Y2, Y3
..., Yn) .
- [0029] , (4) (Y1, Y2, Y3, ..., Yn) 1
(Y1a, Y2a, Y3a, ..., Yna) . (Y1, Y2, Y3, ..., Yn)
2 (Y1b, Y2b, Y3b, ..., Ynb) (V2) (OV), (G) , 2
(21) (Y1, Y2, Y3, ..., Yn) , 1
(Y1) (205) .
- [0030] , (4) 2 (21) (Y1, Y2, Y3, ..., Yn) 1
(Y1a, Y2a, Y3a, ..., Yna) (V1) . (Y1, Y2,
Y3, ..., Yn) 2 (Y1b, Y2b, Y3b, ..., Ynb) (V2) (OV), (G)
, 2 (21) (Y1, Y2, Y3, ..., Yn) .
- [0031] , 206 , 2 (21) 1 (10)
. 207 , (4) 1 (10) 2 (y)
.
- [0032] , (4) (X1, X2, X3, ..., Xn)
. (4) 1 (10) ,
1 (X1) , (4) (X2, X3, ..., Xn)
, (4) (X1, X2, X3,
..., Xn) .
- [0033] 208 , 2 (21) (Y1, Y2, Y3, ..., Yn) .
, (4) 205 , 2 (21)
. , (4) 201 .
- [0034] ,
.
- [0035] 1 , 1 .
- [0036] 2 , 1 , 1 2 ,
2 .
- [0037] 3 , 1 .
- [0038] 4 , 1 2 , 1 .
- [0039] 5 , 2 1 , 1 .
- [0040] 6 , 2 .
- [0041] 7 , 6 , 1 2 ,
2 .

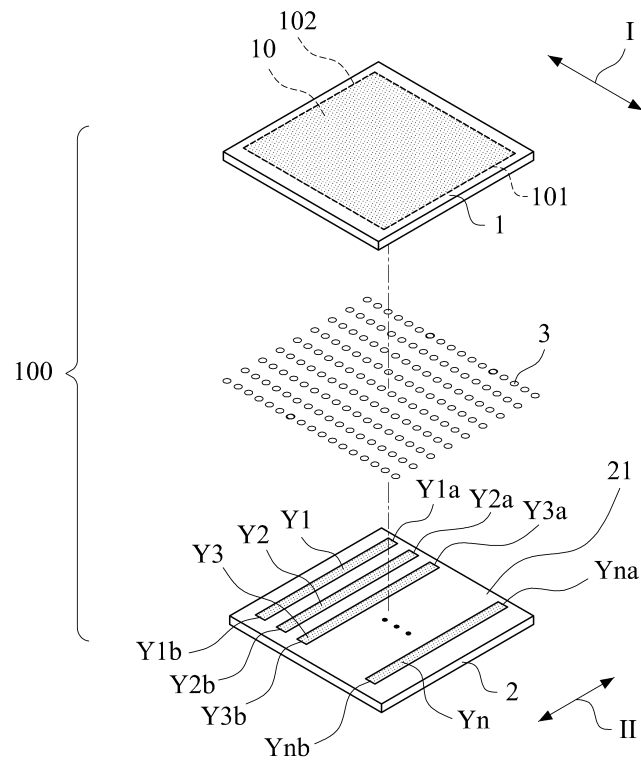
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[0043] 9 , 3 .

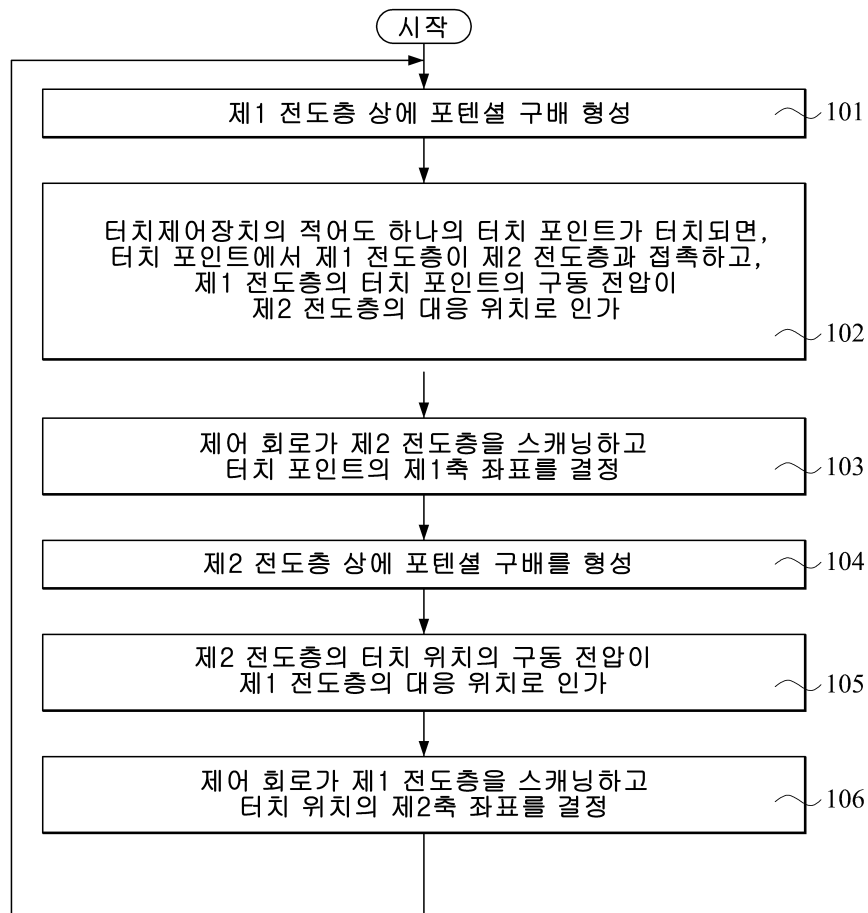
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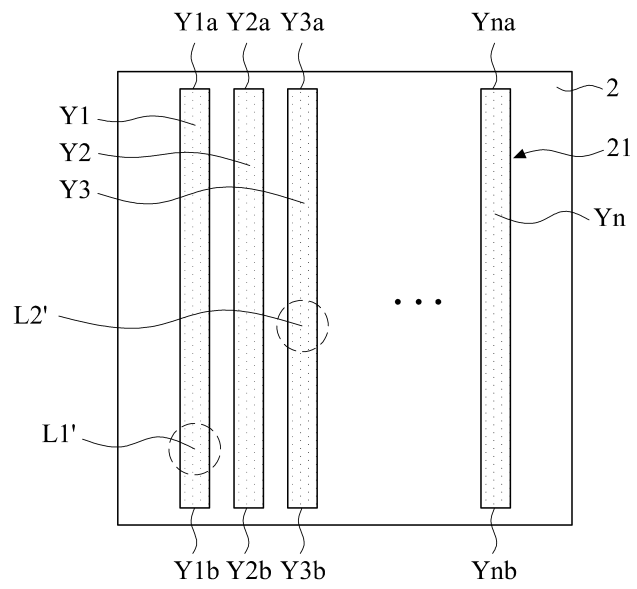
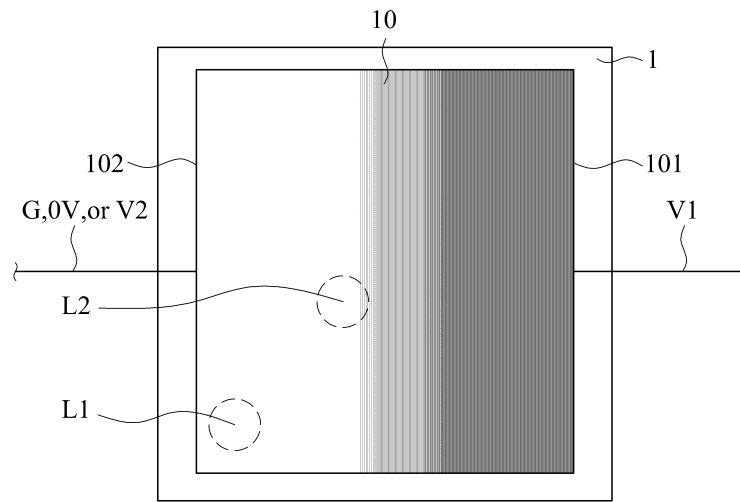
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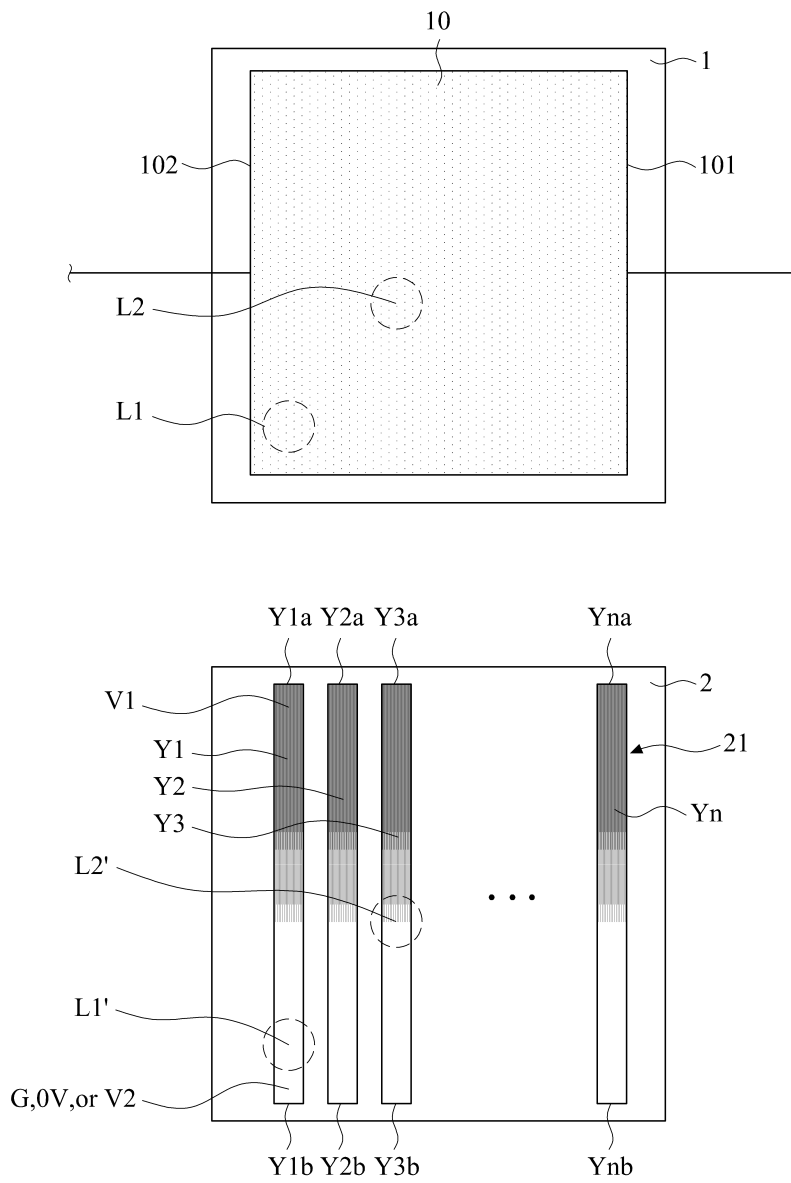
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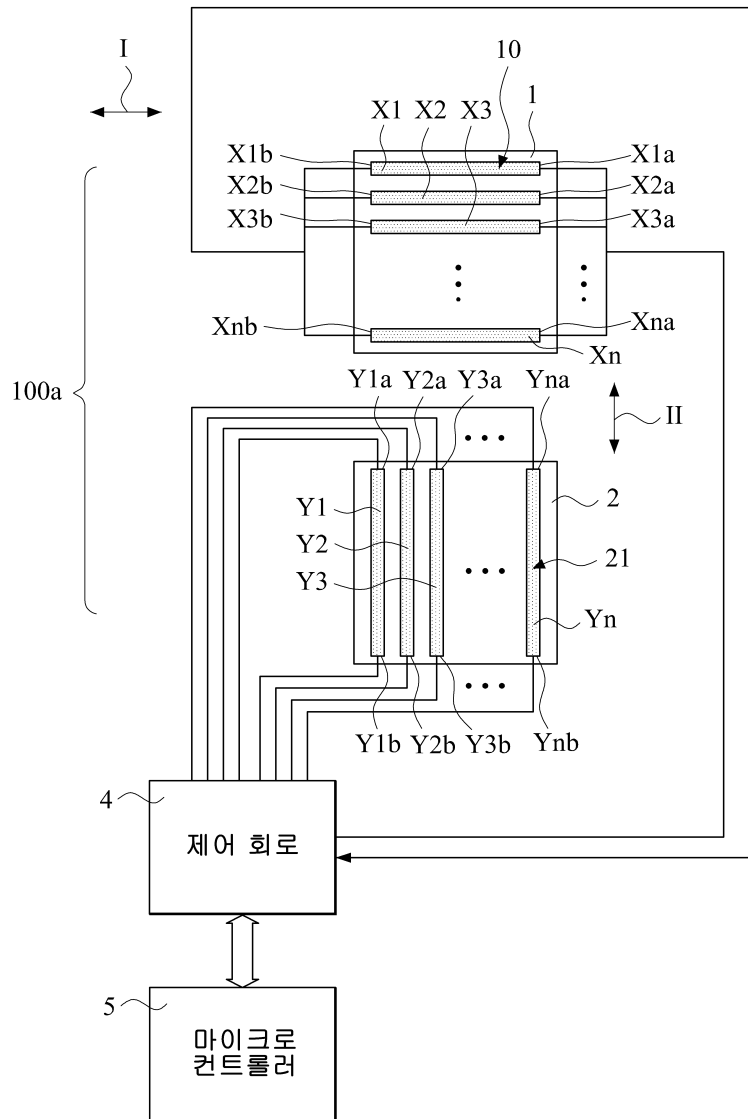
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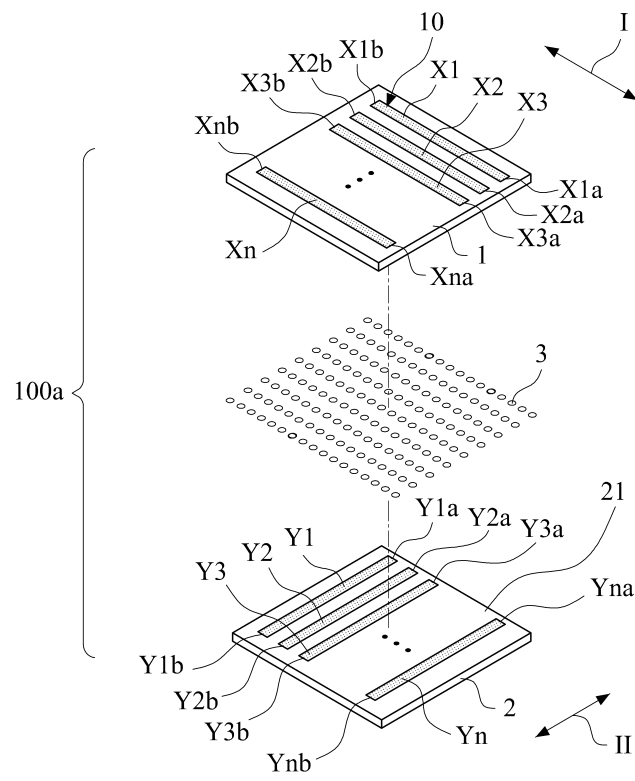
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6



7



8

