

(19)  
(12)

(KR)  
(A)

(51) 。 Int. Cl. <sup>7</sup>  
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(43)

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(30) JP - P - 2001 - 00086156 2001 03 23 (JP)  
JP - P - 2002 - 00032928 2002 02 08 (JP)

(71) 가 가  
2 4 - 1

(72) 가 3 3 - 5 가 가  
가 3 3 - 5 가 가

(74)  
:

(54) , , ,

(1) (2)  
(2b) ( , , )가 (2a) 가  
1 가 , 2 , , ,

1		1			,
2		2			,
3(a)		(3A)			,
3(b)		(3B)			,
3(c)	A/D	(5A)	1		,
3(d)	A/D	(5B)	1		,
3(e)			ADCK		,
4		3			,
5		4			,
6(a)		(3A)			,
6(b)		(3B)			,
6(c)		(3C)			,
6(d)		(3A)	4		,
6(e)		(3B)	4		,
6(f)		(3C)	4		,
6(g)	6(d)				,
6(h)	6(e)				,
6(i)	6(f)				,
7	4				,
8		6			,
9		8			,
10		9			PDA
11		10			,

12

11

2(a) : 2(b) :

3A, 3B, 3C : 4A, 4B, 4C :

5A, 5B, 5C : A/D

(touch keys)

Assistant)

(electronic pocketbooks, PDA(Personal Digital

가

가

(touch key)

가

가

( , ) ,

,

.

)  
가

(

A/D

1

2

CPU

가

( 1)

1  
(1)

1  
( ) (2)  
(2a)

(3A, 3B)

(2)

(3A, 3B)

(2a)  
(3A, 3B)

(2a)  
(3A, 3B)

(2b) (pen tip)

(2a)

(2) ( )

(2)

, 가 가 .

( ) (2)

( ) (2)

( )

(2)

(3A, 3B)



, 1 2 (2b)

(1)  
(2)  
1 2 1 2 (6) t ADCK  
(6)  
가 .

(4A, 4B)  
(4A, 4B) ( )  
(4A, 4B) 가가 .  
가 .

( 3)  
4 3 , 1 2

3 (1)가 (2a) 가 (3A, 3B, 3C)  
(2a) (2b)가 2 (4)  
(2a)  
(2b) 2 가 4  
(3A, 3B, 3C) 3 (4A, 4B, 4C) A/D (5A, 5B, 5C)  
(3A, 3b) x (3A, 3C) y

가 (2a) (2b)  
(3A, 3B, 3C)  
(4A, 4B, 4C) A/D (5A, 5B, 5C)  
(2a) x (3A,  
3B) (6) (3A, 3B) (6) (3A,  
, x (2a) (  
, (2b)) 1 .

(6) (2a) y (3A, 3C) , y  
 (2A) 1 1 2 x (2)  
 ( , (2b)) . , 2  
 1 2 3 , (4A, 4B, 4C)  
 , ( ) (4A, 4B, 4C)  
 , (4A, 4B, 4C)  
 가 . , , ,  
 .  
 ( 4)  
 5 4 , (2) 3 (2) . , 4  
 3 , (2) 3  
 .  
 5 (2) (2a) . 4 3 가 ,  
 5 (2) (2a) (2) 가  
 (3A, 3B, 3C)( ) . (2) 가  
 , , .  
 , 4 (2) (2a)  
 . 4 3 , 3 , A/D  
 (5A, 5B, 5C)가 4 2  
 5 , 가 (10)( , ) (2a)  
 , (2) 가 .  
 ( ) (10) (2a)  
 ( ) 가 (2a) (10) (10)  
 가 (2c)  
 , (2) 가 (3A, 3B, 3C)  
 6(a), 6(b), 6(c) .  
 (4A, 4B, 4C) A/D (5A, 5B, 5C) , - ,  
 6(d), 6(e), 6(f) 4 .  
 (2c) (10)  
 . , 6(g) 6(i) 6(d) 6(f)  
 . , 4

( ) 가 .  
 , 6(d) (3A) 4  
 6(g) 가 (10)가  
 (2b) (2C)  
 (10) (2a)  
 (10)가 (2a) (2c)  
 , 6(d) 4  
 , 가 6(g) (3A) , 6(g) 6(i)  
 가 (3A, 3B, 3C) , (3A, 3B, 3C)  
 (10)가 (2c) ,

6(g) 6(i) ( , 1, 2, 3)  
 . , 1 1 , 2 2 , 3 3  
 (10)가 (2c) , 2 3  
 (2) (2) 가 , 7  
 (2) , ( ) ,

(2) , (10)가 (2a)  
 ( ) 가 , ,  
 가 , ,  
 (2a) (2c) , (2c) (2a)

(10) , , , ,

( 5)

1 4  
 1 2 , 5 ( 3(a),  
 3(b), 6(a), 6(b), 6(c) ) 가  
 , 5 ,

5 (10) (2) 가 ( , (write - down pre  
 ssure)) , 5 가, (2) ( )  
 2a) 가

( 6)

8 , ( )  
 (100) (200) ( , ) (300)  
 (300) (200) (back)( , 8 )  
 (200) (101) (102) ( )  
 (105) (101) (300) (106)  
 (102) (103) (101)  
 (104) (101) (101)  
 (102) (101) (103)

(106) (2) (3A, 3B, 3C)  
 (106)

(3A, 3B, 3C)가 (106) (2) (2a)  
 (2) (2a) (102)

( 7)

8 6 7 (106) (2)  
 (3A, 3B, 3C) 7 (3A, 3B, 3C)  
 (2)가 (106)

6 7 (100) TFD(Thin - Film Diode) , TFT(Thin - Film Transistor)3

가 , (LED : light emitting diodes), CRT(cathod - ray tube) , PDP( )

( 8)

9 , 8 6 7 8  
 9400) (401), (402) ( ) (403)  
 (3A, 3B, 3C) (402)  
 (3A, 3B, 3C)

( 9)

10 , PDA (500) 7 (501) PDA 9 (3A, 3B, 3C)

9 10

( 10)

11 , 10 가 , 10 9 PDA 가 1 10 1

11 1 (3A, 3B)가 (2) (1) (2)가 (20) (2a) (2) (3A, 3B) (20) (3A, 3B)

가 (3A, 3B) 1 가 (2a) (2b) (2b) (2a) (3A, 3B) (4A, 4B, 4C) A/D (5A, 5B, 5C) (6) (7) (2b) 1 CPU(8) (2b) 가 (2) (1)

( 11)

12 9 11 PDA 가 12 11 10

q

1 11 10 , 가 가 (2) 가 (2)

12 , ( ) (20) (2) (2a)  
 (2a) , (2b) (3B)가 (2) (2)  
 , (3B) (2) (2) (3B) , ,  
 , (2) .

(3B) 가 (2) (2a) (2b)  
 , (4B) A/D (5B) (3B) ,  
 가 , 가 (30) (30) CPU(8)  
 , (1) / (30) (10)  
 / , (30)가 가 (30)  
 가 (1) , 가 (30)

/ 가 (1) / 가  
 , 가 (2) , 가 (1) / 가

, 가 ,

(1) , 가 , ,  
 (electronic pen) , , 가  
 . 가 , , 가 ,

(2) , ,

(3) , 가 , 1

(4) , , 2

(5) . , (projection)  
가 ,  
가 (tip)

. , 가 ,  
가 , 가

(6) 가  
가 ( ) , 가

, , ,

(7) , ,

(8) 가 ,  
( , ON/OFF )  
가

, 가 ,

, ,

(57)  
1.

(2a) (2) ,

(3A)

2.

1 ,

가 (2b)

3.

1 ,

가 (2b)

4.

(2a) (2) ,

, 가 (2b)

(6, 7)

5.

4 ,

(3A, 3B)가

가 ,

2

2

6.

4 ,

3 가 (3A, 3B, 3C)가

(corner) ,

3

2

3

7.

(2a)

(2) ,

가

(2b)  
(3A, 3B, 3C)

(6, 7)

(projection)(2c)

8.

4 7

9.

1, 4, 7

가

10.

(2a)

(2) ,

가

(2b)  
(

3A, 3B, 3C) ,

(6, 7) ,

(9)

11.

10 ,

12.

10 ,

13.

10 ,

(2c)

14.

10 13 ,

15.

(EL : electroluminescent)

(2a)

(2) ,

가

(2b)

(

3A, 3B, 3C) ,

(6, 7) ,

(9)

16.

15 ,

17.

15

18.

15

(2c)

19.

15

18

20.

(2a)

(2) ,

가

(2b)

(30)

21.

(1) ,

(2a)

(2) ,

가

(2b)

(3A) ,

(6, 7)

가

22.

21 ,

(2c)

23.

21 ,

(3A, 3B)

24.

21 ,

(3A, 3B, 3C)

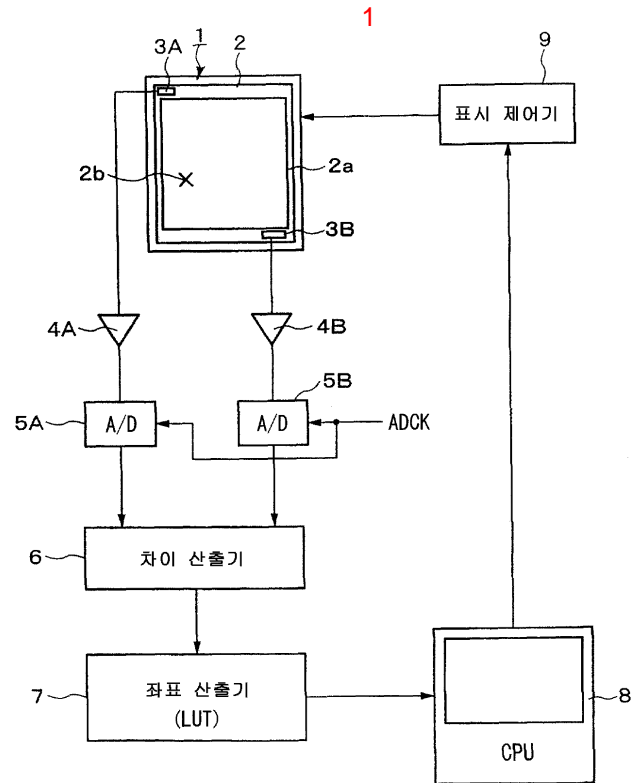
25.

21 24 ,

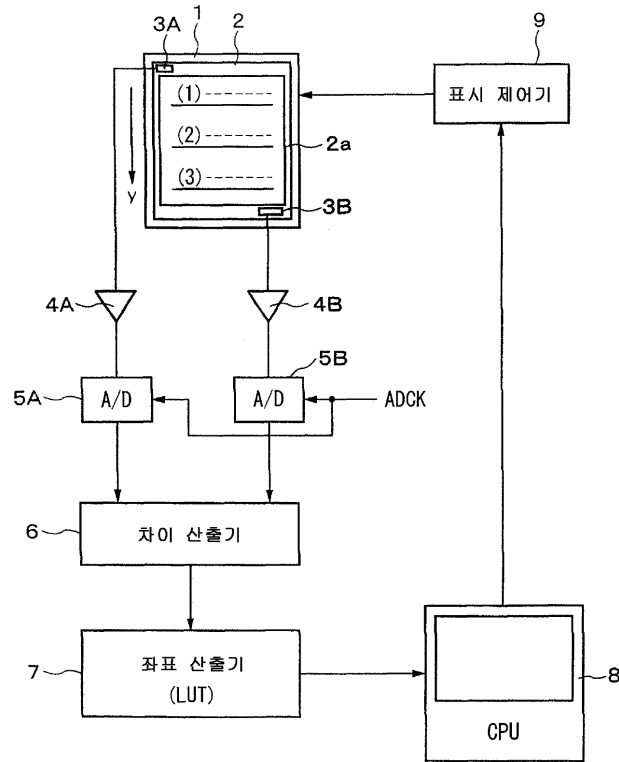
26.

21 ,

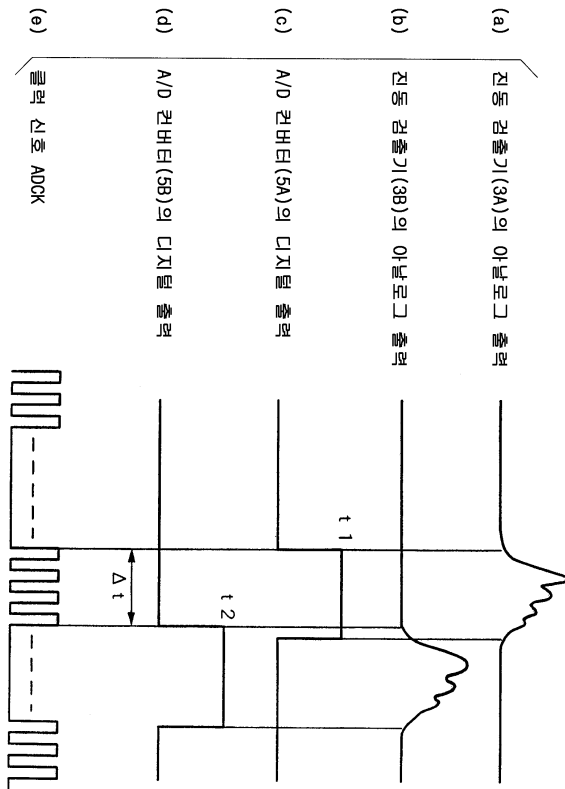
(30)



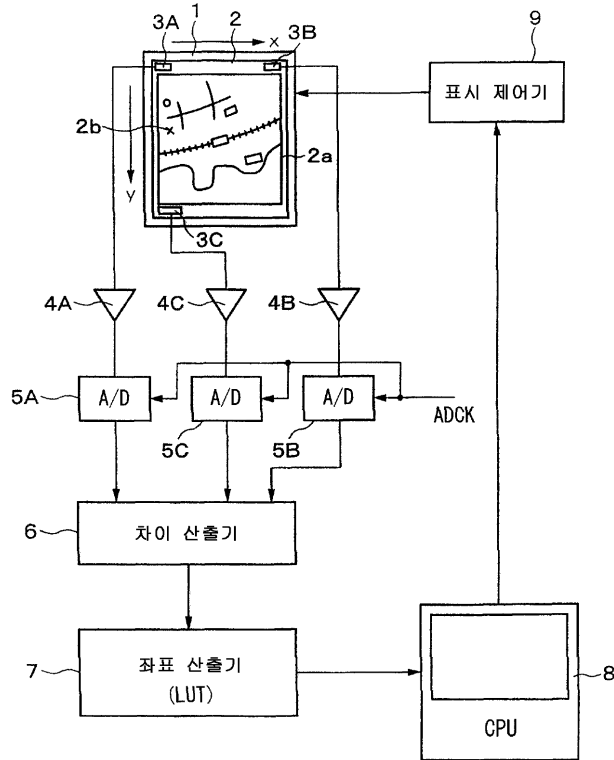
2



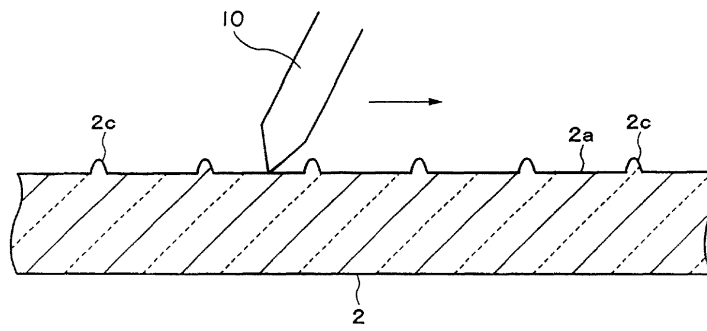
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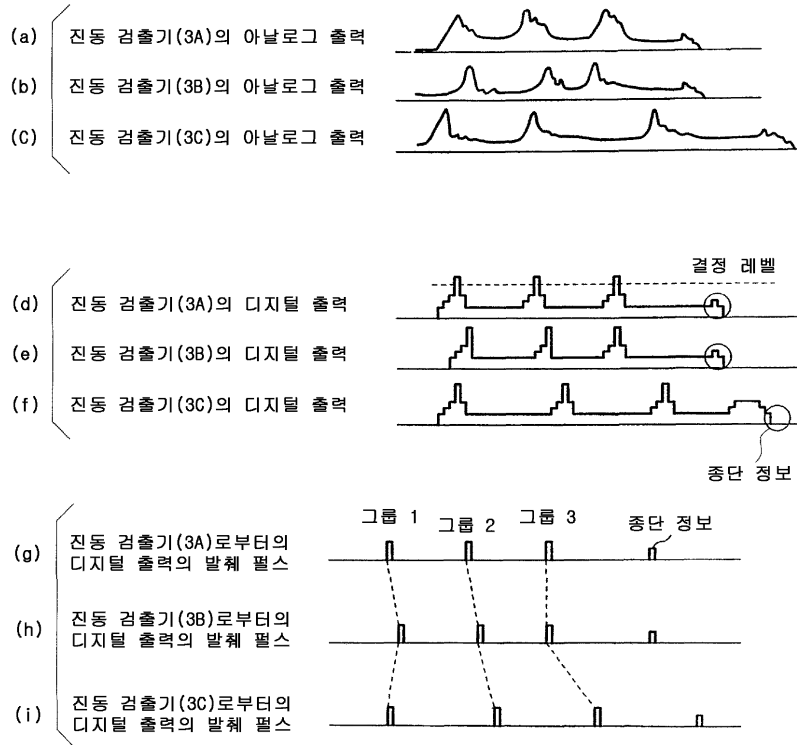
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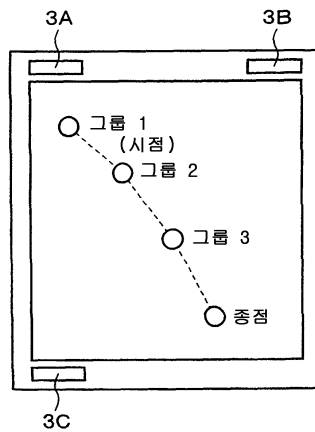
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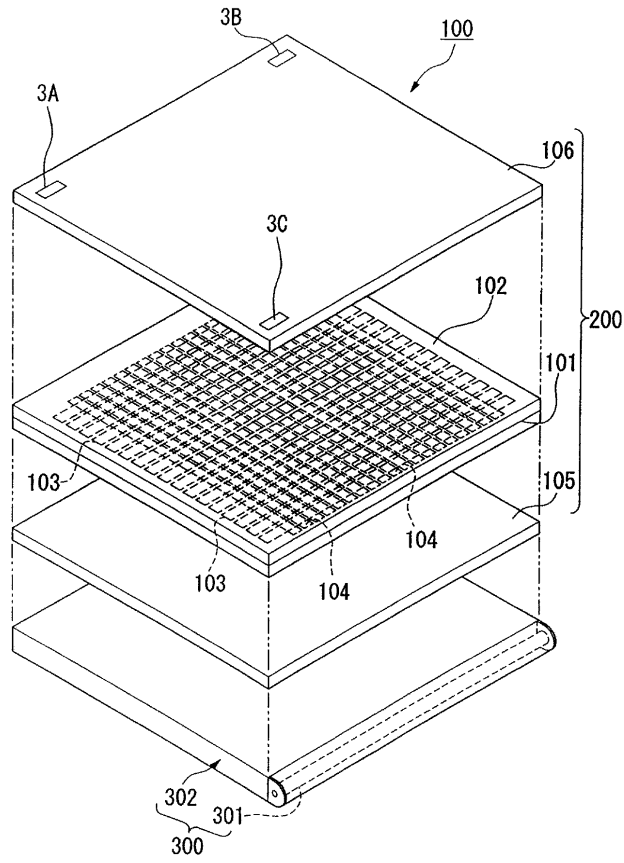
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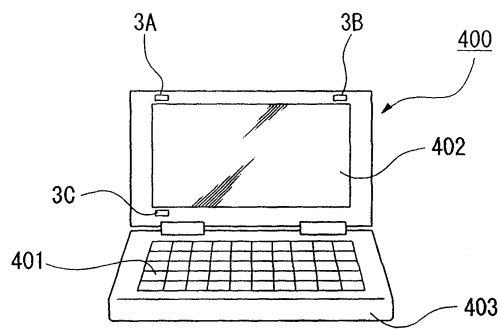
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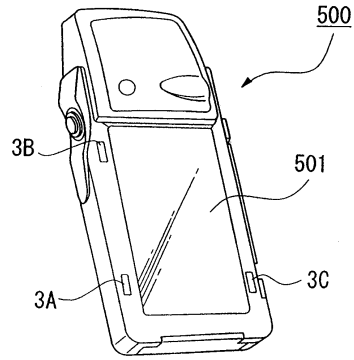
8



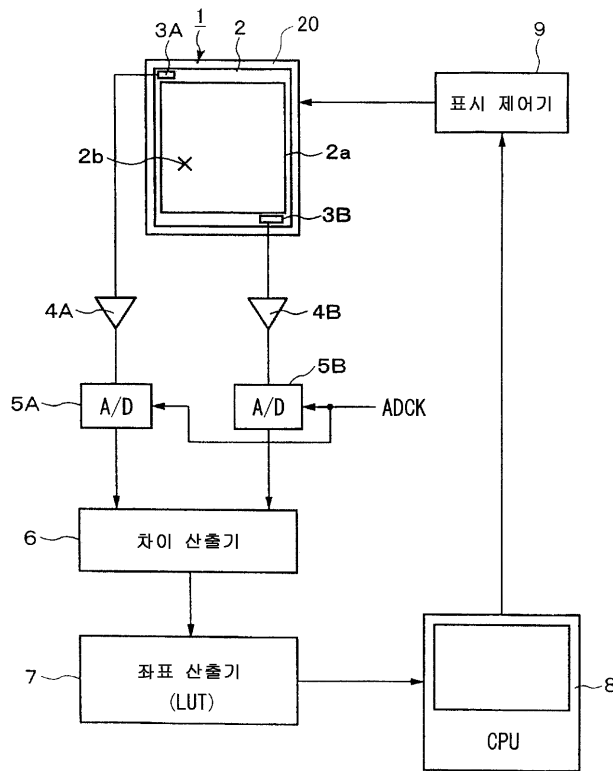
9



10



11



12

