

**(19) (KR)**  
**(12) (B1)**

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<b>(22)</b>	<b>2001 01 22</b>	<b>(43)</b>	<b>2001 11 03</b>

(30) 2000-098110 2000 03 31 (JP)

(73) 가 가  
2 2 3

(72) 2 2 3 가 가  
가

2 2 3 가 가

2 2 3 가 가

2 2 3 가 가

(74)

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(54) 가 가

<b>(60)</b>	<b>(70)</b>	<b>(20)</b>					
		,					,
			<b>(25)</b>				
				<b>(25)</b>			
					<b>(70)</b>		
	<b>(65)</b>					<b>(20)</b>	

1

1  
2

1  
(100)

(100)

, ,

10 :	20 :
25 :	26 :
30 :	40 :
52 :	54 :
60 :	62 : 1
65 : 2	70 :
75 :	80 :
Na :	Nb :
SPX1, SPX2, SPX3 :	SWa :
SWb :	





$$V \times S + 0 \times 2S = V \cdot S$$

$$V' \times (C + 4C) = V \times C + 0 \times 4C$$

2 ,  $V' = V/5$ 가 . , (SPX1) V V/5  
, (SPX2) 0 V/5  
3 .

$$V/5 \times S + V/5 \times 2S = 3/5 \cdot V \cdot S$$

, (SPX1) (SPX2) , , (SPX2)  
가 , , (SPX1) 가 , , 가  
4 .

$$0 \times S + V \times 2S = 2 \cdot V \cdot S$$

가 . V' . 2 . 5가

$$V' \times (C + 4C) = 0 \times C + V \times 4C$$

$$V_5, V' = 4/5 \cdot V \text{ 가 } (SPX1) \quad 0 \quad 4/5 \cdot V \quad 6$$

$$V, V' = 4/5 \cdot V \text{ 가 } (SPX2) \quad . \quad V \quad 4/5 \cdot V \quad .$$

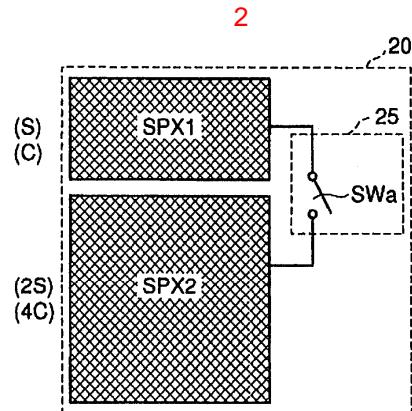
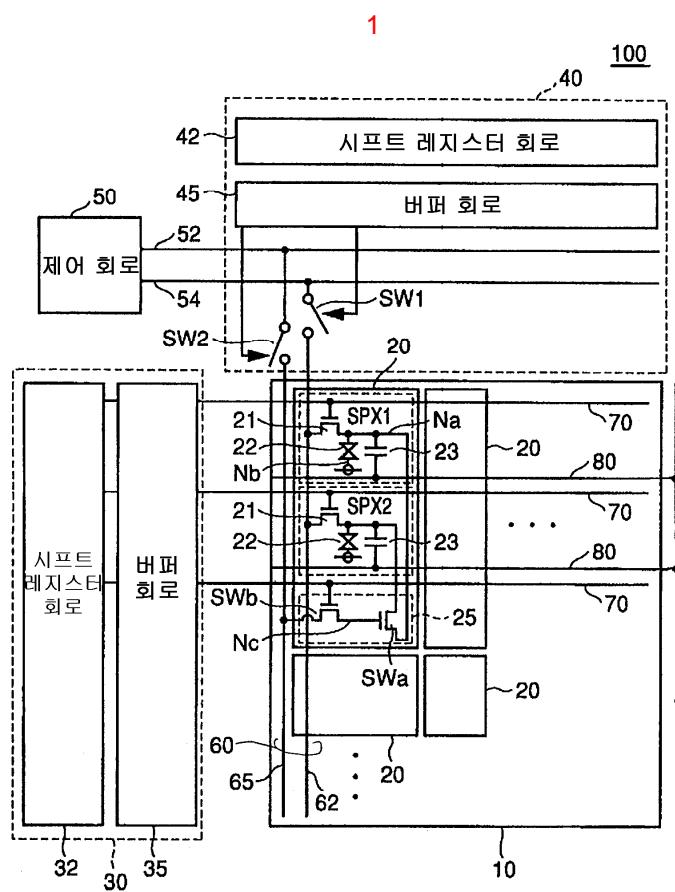
$$\frac{6}{5} \cdot V \times S + \frac{4}{5} \cdot V \times 2S = \frac{12}{5} \cdot V \cdot S$$

,  
 $(1)(SPX1,SPX2)$  (SPX1)( $S, C$ )  
 $(2)(SPX1)$  (0) (SPX2)( $2S, 4C$ )  
 $(S \cdot V)$ .

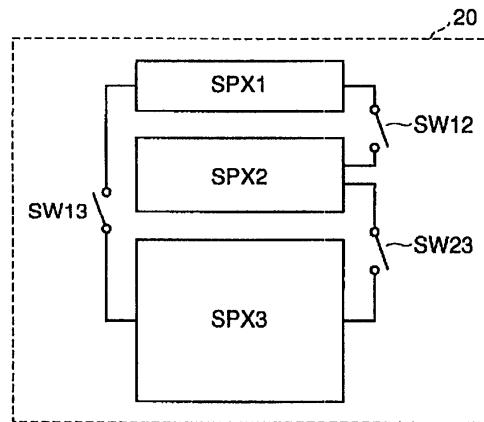




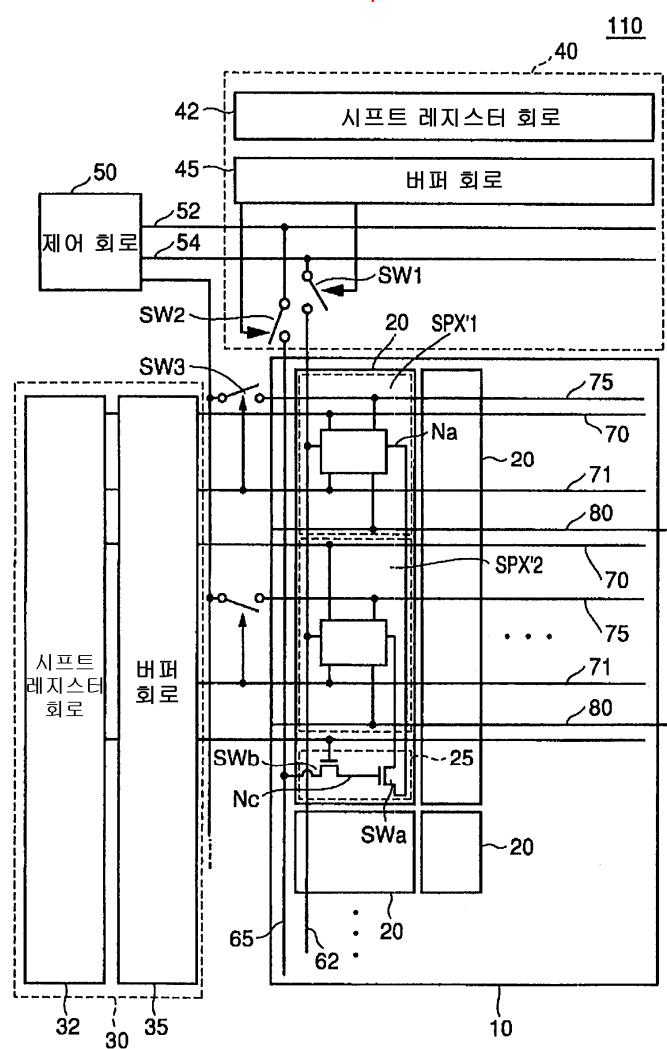


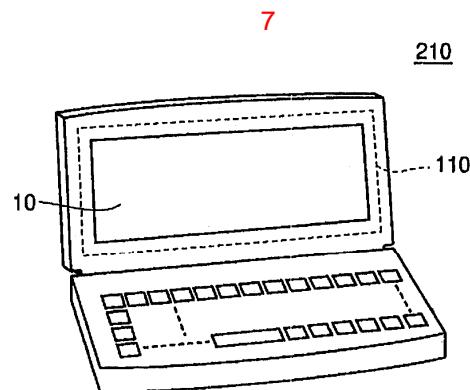
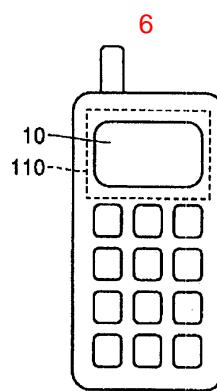
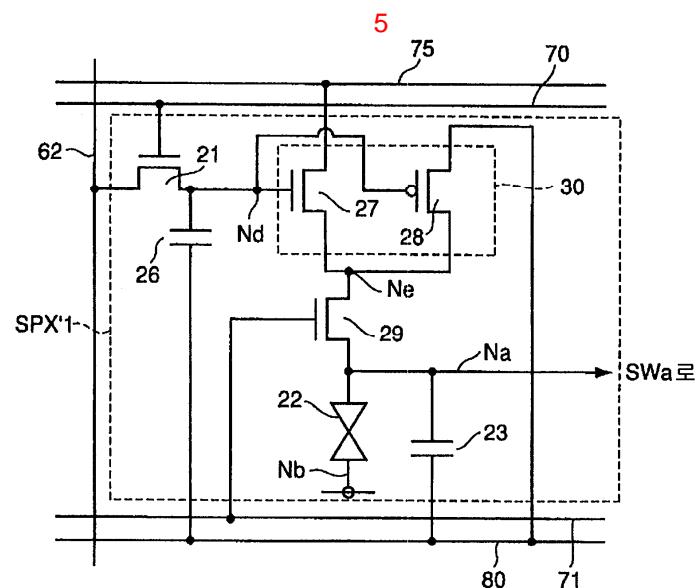


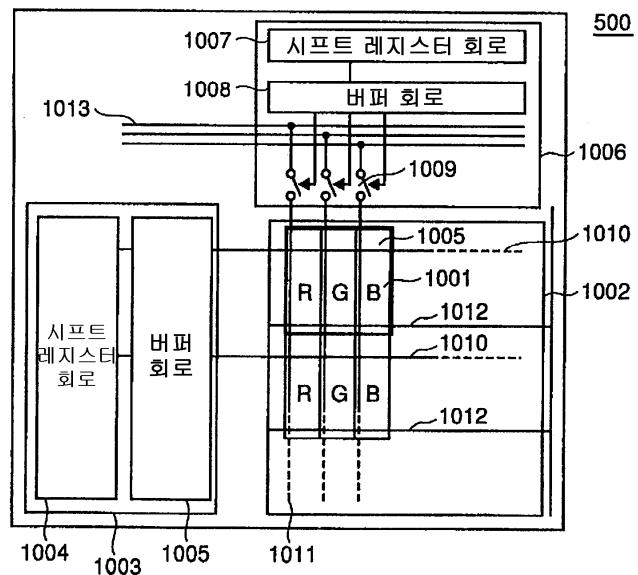
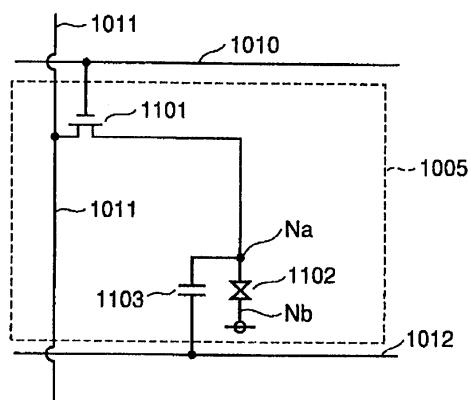
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(종래기술)9  
(종래기술)10  
(종래기술)