

(19)  
(12)

(KR)  
(A)

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G02F 1/133

(11)  
(43)

2001 - 0062117  
2001 07 07

(21) 10 - 2000 - 0073152  
(22) 2000 12 05

(30) 99 - 349012 1999 12 08 (JP)

(71) 가 가  
,  
가 가 2 2 3

2 4 - 1

(72) 2 2 3 가 가  
가 3 3 - 5 가 가

(74)

:

(54)

(19) (22) (19)가 (21) (15) (5) 가 (12) ,  
(15) (24) .

1 1 ,

2 1 ,

3 2 ,

4 1 , 4(a) n  
 , 4(b) (n+1) ,

5 1 , 5(b) 2 (m+1) , 5(a) m

6 3 ,

7 3 ,

8 4 ,

9 4 , 9(a)  
 , 9(b) 9(a) ,

10 1 , 10(b) 5 (m+1) , 10(a)  
 m ,

11 ,

12 ,

13 .

5 : 6 :

9 : 10 :

11 : 19 :

21 : 22 :

23 : 24 :

29 : I/O 30 :

31, 32, 33, 34 : 41, 42, 43, 44 :

51 : 52 :

53 :

11 (122) 가 , (10  
 1) (122) (121)  
 (105) (106) 가 ,  
 (102) (101) (101) (on  
 ) (106) ( ) (105)  
 , (110) (111) , (105)

12 (110) 가 4 (111) (102)  
 가 (101)  
 가 (R) (C) RC  
 가 (101) RC  
 가 , 가 가  
 (111) 1 가 가  
 가 가 1 가  
 , 12 , 12 (1  
 10) (111) (115) , (111)

13 (115) (Y. Aoki, et al) :  
 A 10.4 - in. XGA Low - Temperature - Poly - SiTFT - LCD for Mobile PC Applications, SID 99 DIGEST 176 -  
 179).

가 , 3% , 3% ,

1

가  
가

가

1

가

.1

가

1

가

가

1

1

,1

가

,  
1

가

1

가

/ (正/負)  
(flicker)

가

2

가

가

2  
가

1

1  
2

1

가 , 2 1 2 , 2

가 , 2 가 1 2 1

가 , 2 가 1 2 가 1

2 , 3 , 4 가 1

2 2 1 2 2 1

2 1 2 1

가 2

2

, 1 1 , 1

1 2

가

( 1)

1 , (10) (5) (6) , (9)가

(10) , 4 (11) X

Y (19)가 (31, 32, 33, 34) I/O (29)

(19) (41, 42, 43, 44) I/O (29)

51), (19) . Y (30) ( )  
 (52) (53) (6) . 1 768  
 . I/O (29)  
 (24) (22) (23) (21)  
 ) 가 , 가

2 1 2 (15) , 1  
 (61) , (18)  
 (12) (21)  
 (12) (13) , (14) n  
 p ( ) (16)  
 (16) (16) (16) 가 .  
 (16) 24 (5) 1 32 (16)가  
 , 768 (22) (24) (21)  
 , 가 ,

(23)가  
 , 1  
 3 (13) (73)  
 (14) , (正) (負) 가 p n  
 (71), (72) 가 ,

4(a) 4(b)가 1 ( , 16.6ms) 4(a) 4(b)  
 가 .  
 ( 2)

2 1 5(a) ( )  
 1 , 5(b) 1 (前)  
 , 5(a) 5(b) 가 , 가  
 , 1 가 , 1  
 6.6ms , 1 , 20μs , 1

( 3)

6 , A B , 6 , A 1 (16a) 1  
 , A B R, G, B , 1 . 7  
 , A B , 7 A B  
 가 .

( 4)

3 가 . , 8  
 , A B 2  
 . 9(a) 9(b) , 3 가  
 가 ,

( 5)

5 10(a) 4 10(b) 1 , 1  
 . A B 2 1  
 . , 1  
 . ,

1 가 , . ,

(57)

1.

(5) (11) (10)  
 (6) (5) , (9) ,  
 (22) (21) (11) (5)  
 가 (19), (21)  
 (6) 가 (2) ,  
 (19) (22) (11)  
 (15) (12) ,

(22)

(15)

(24)

.

2.

(5)

(11)

(10)

(6)

(5) ,

(9) ,

(22)

(21)

(11)

(5)

가

(19) ,

(21)

(6) 가

(2)

,

(11)

1

2

,

(19) ,

1

(9) 가

1

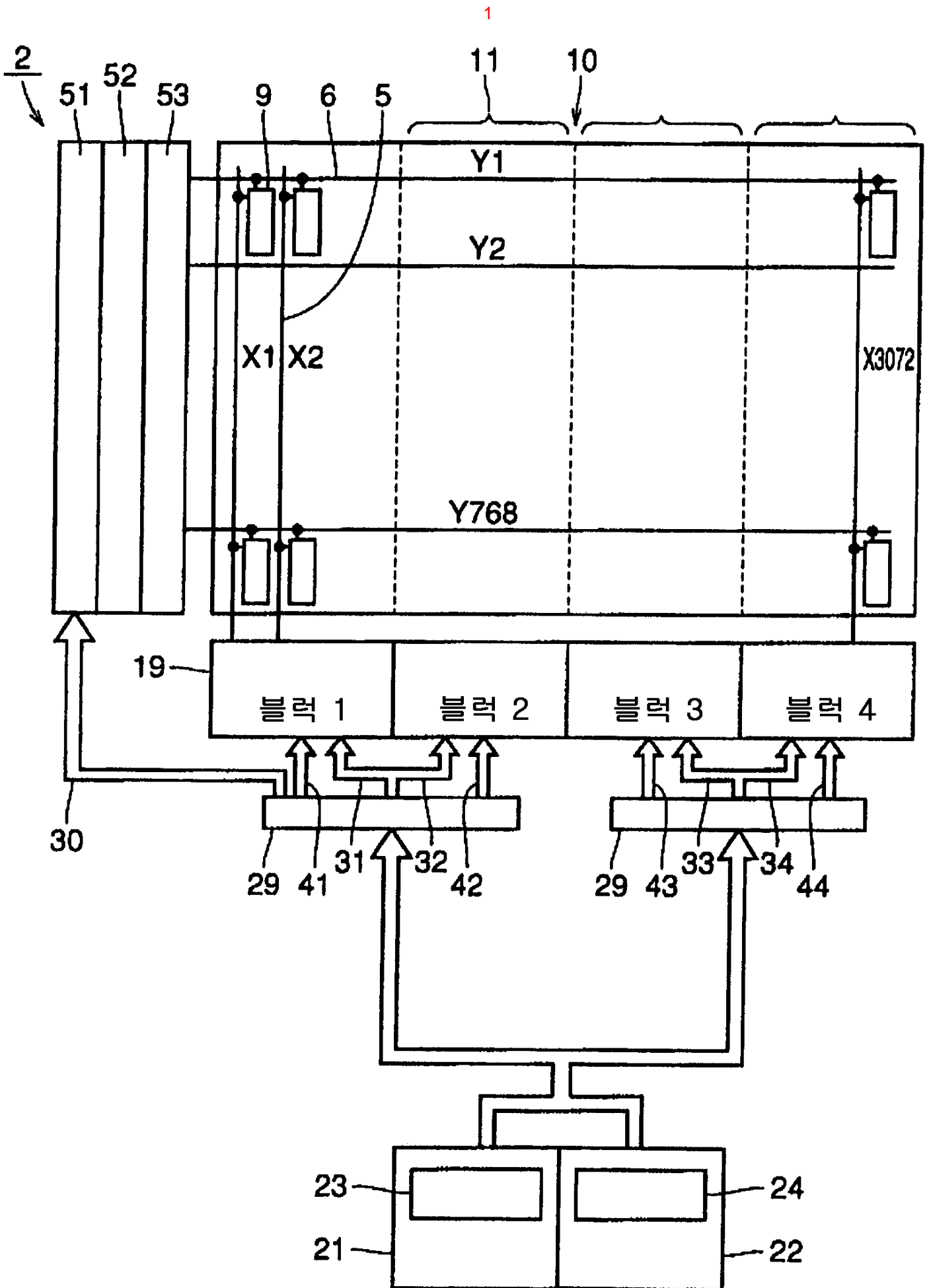
,

2

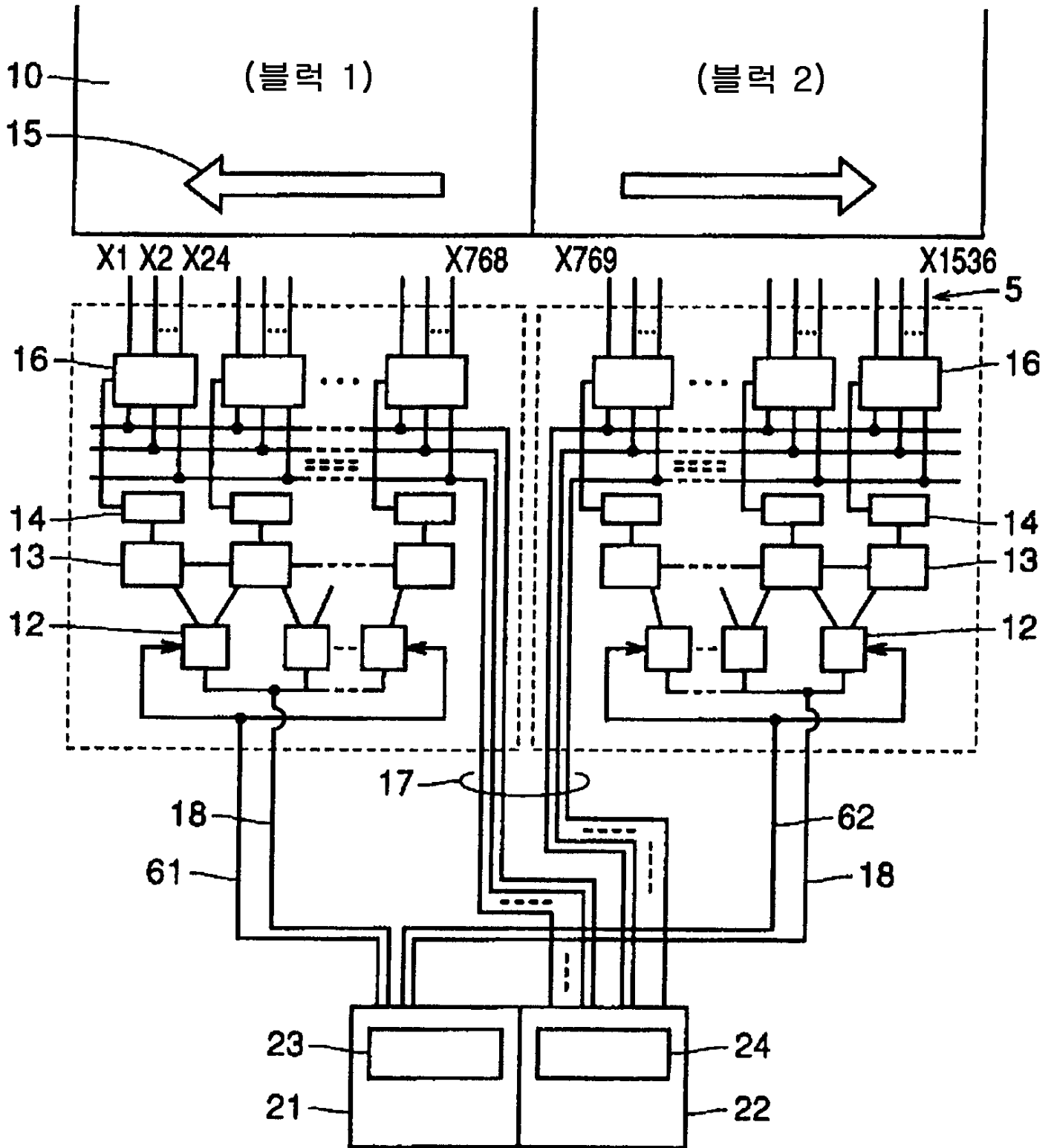
(9) 가

2

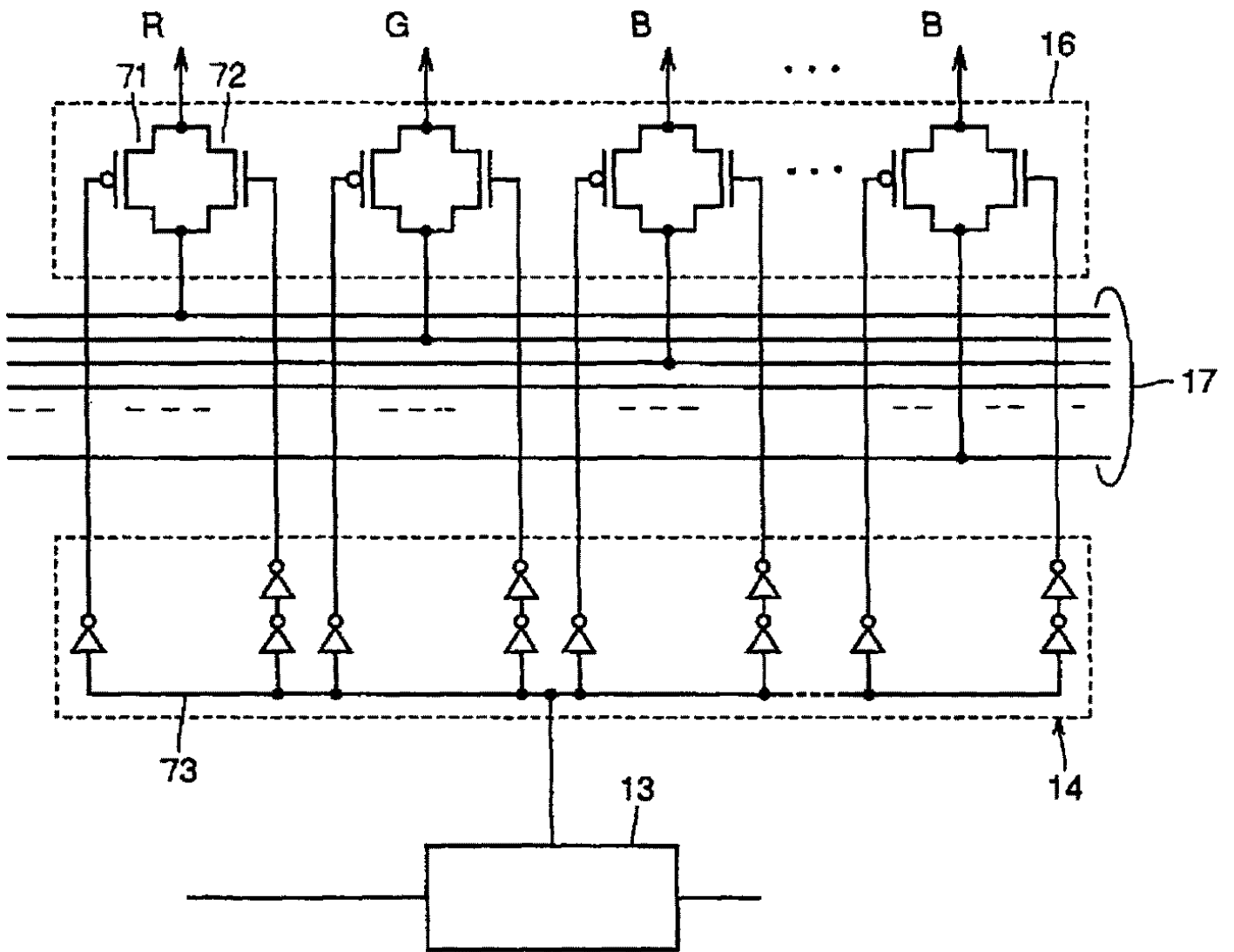
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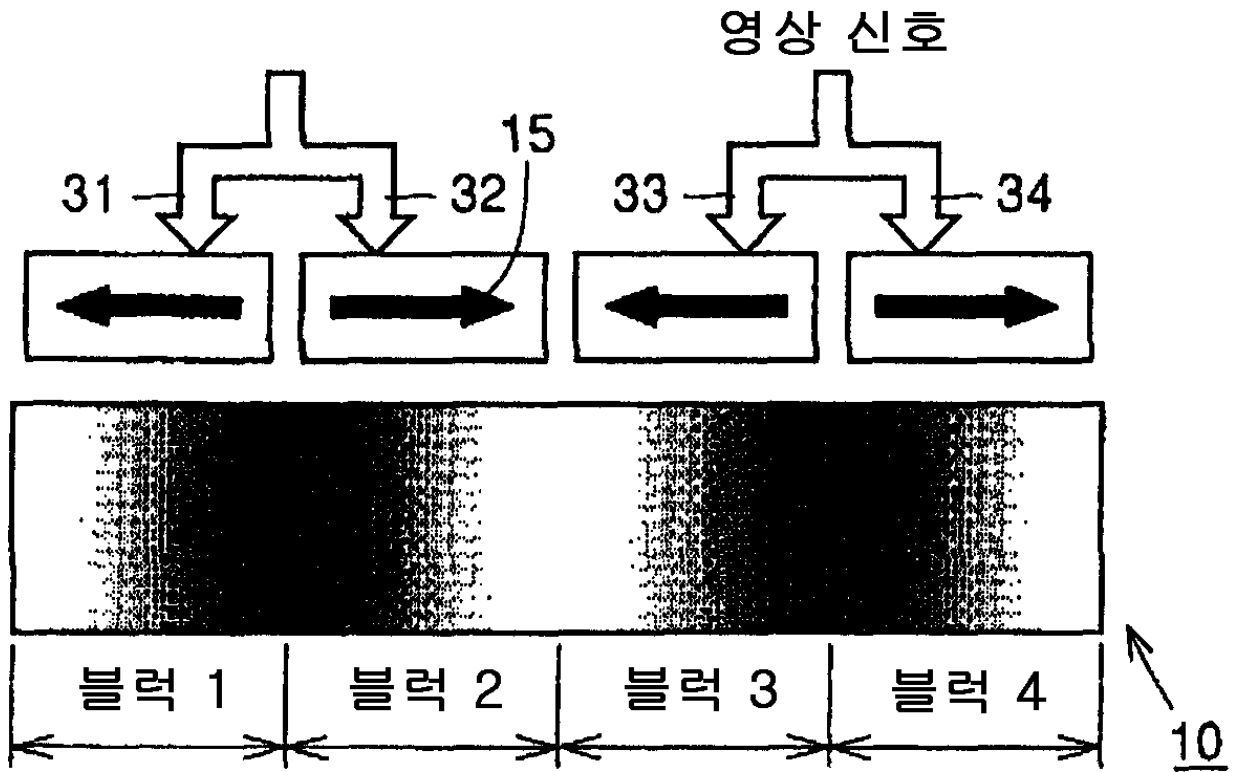
2



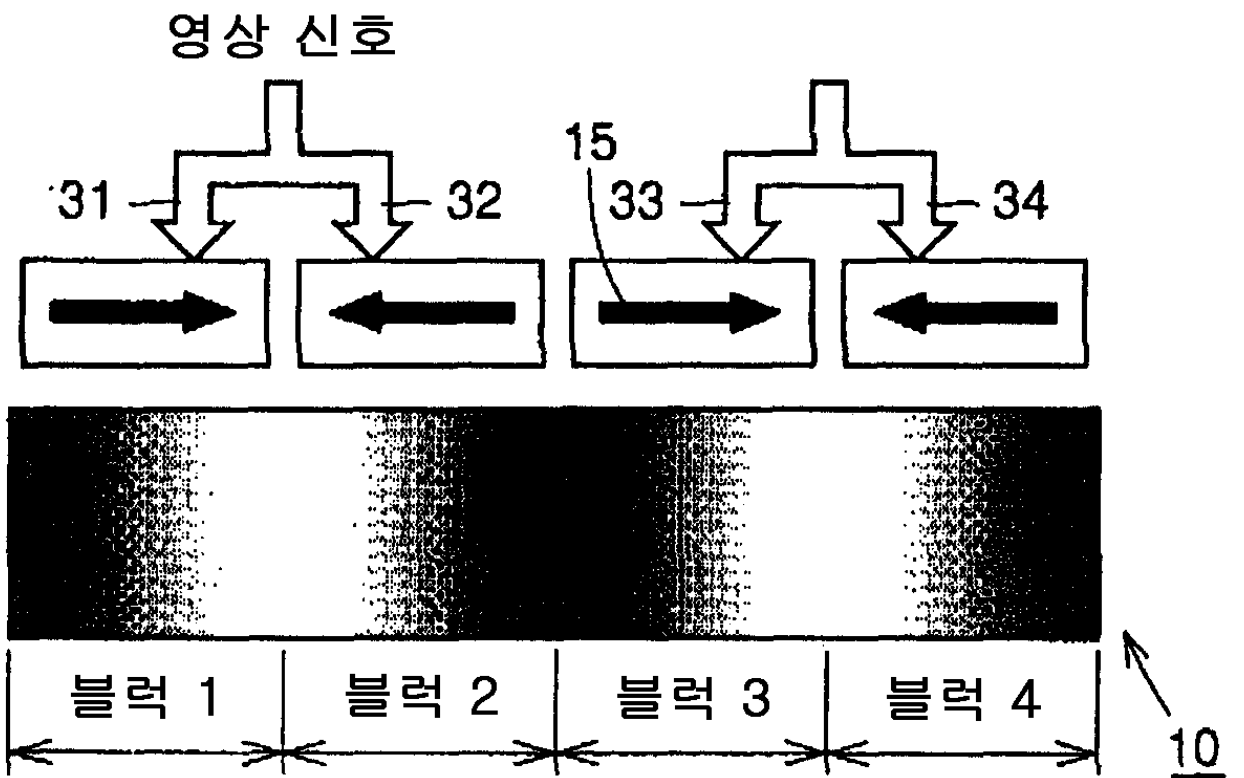
3



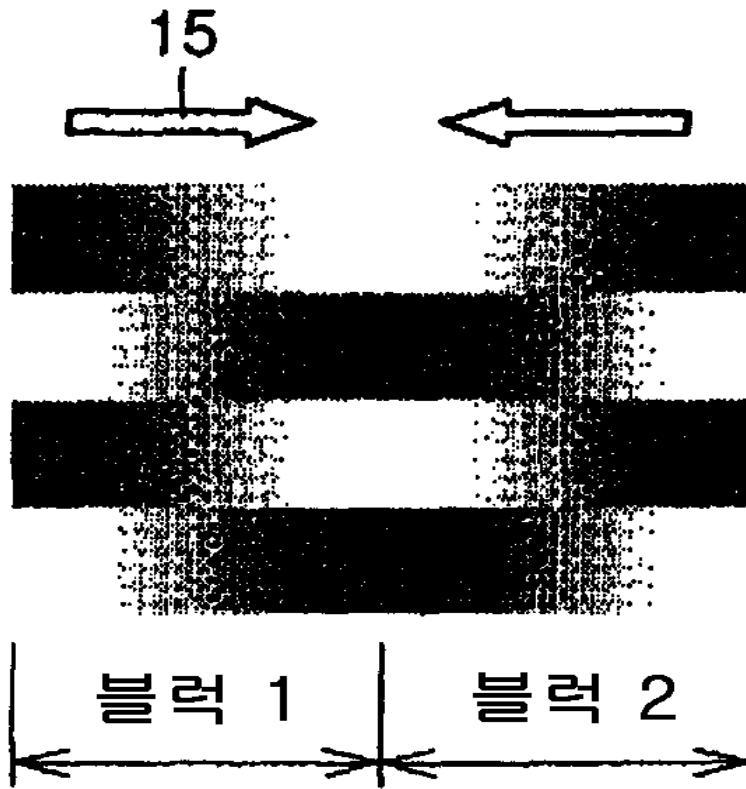
(a)



(b)



(a)



(주사선)

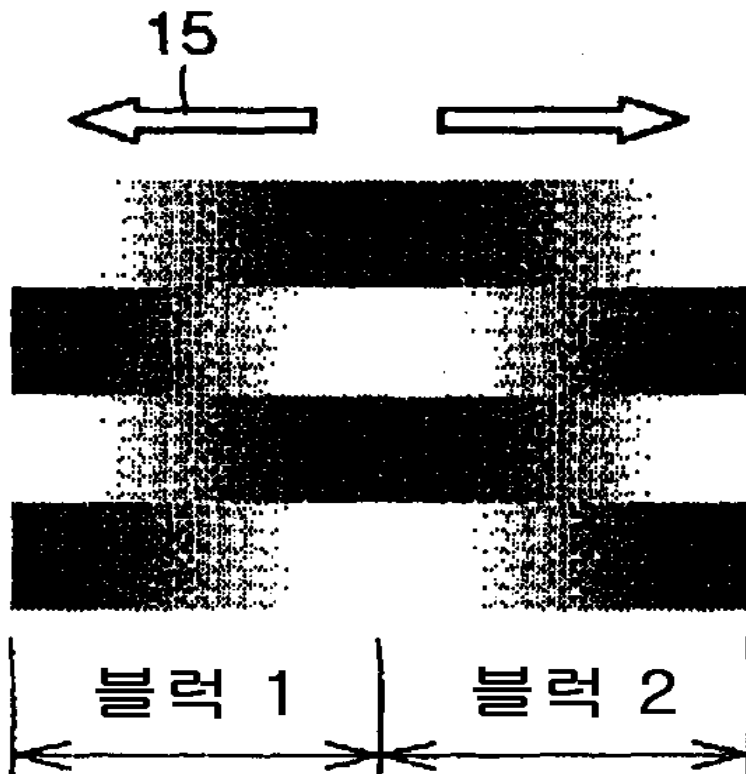
n 번째

(n+1) 번째

(n+2) 번째

(n+3) 번째

(b)



(주사선)

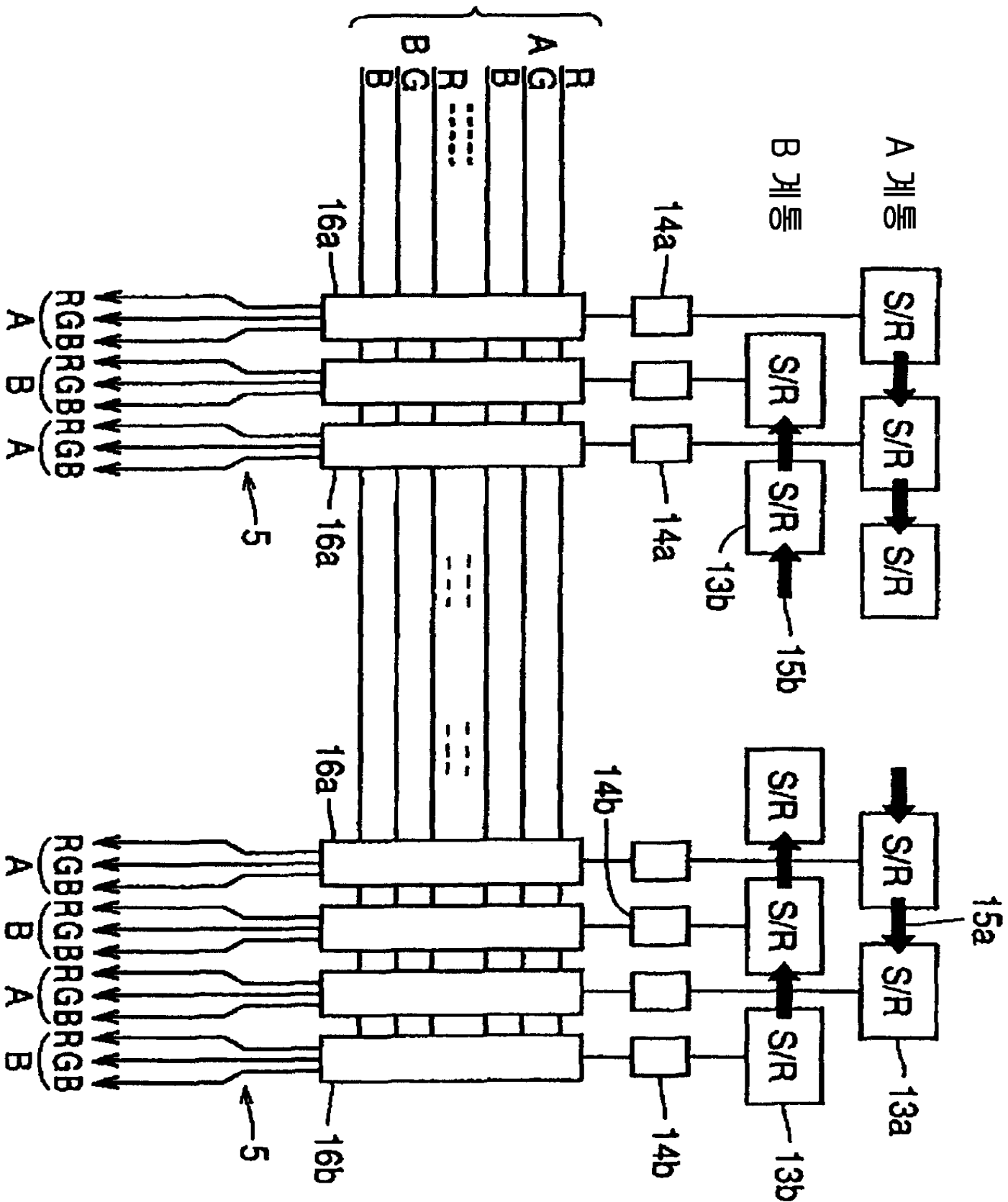
n 번째

(n+1) 번째

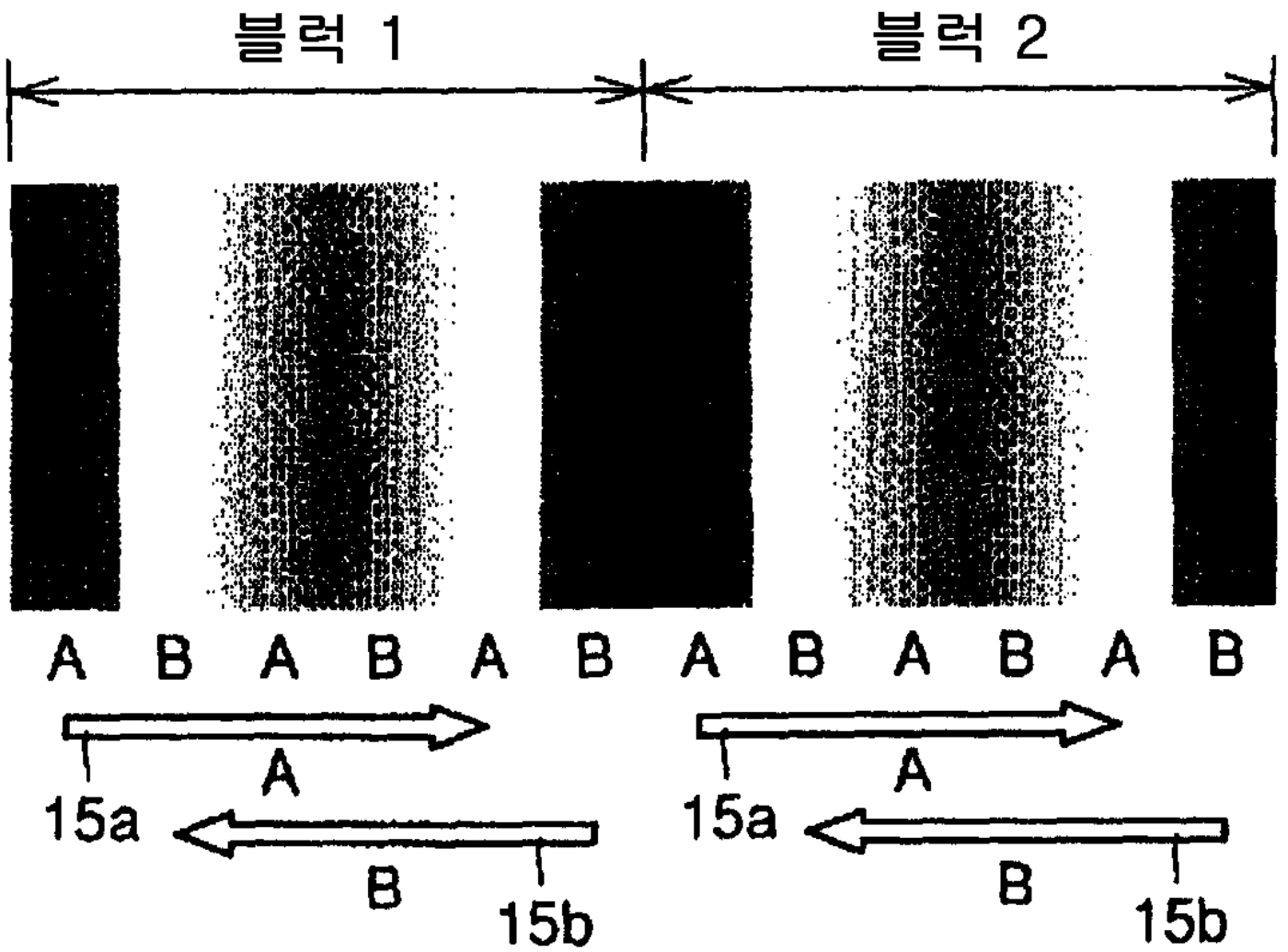
(n+2) 번째

(n+3) 번째

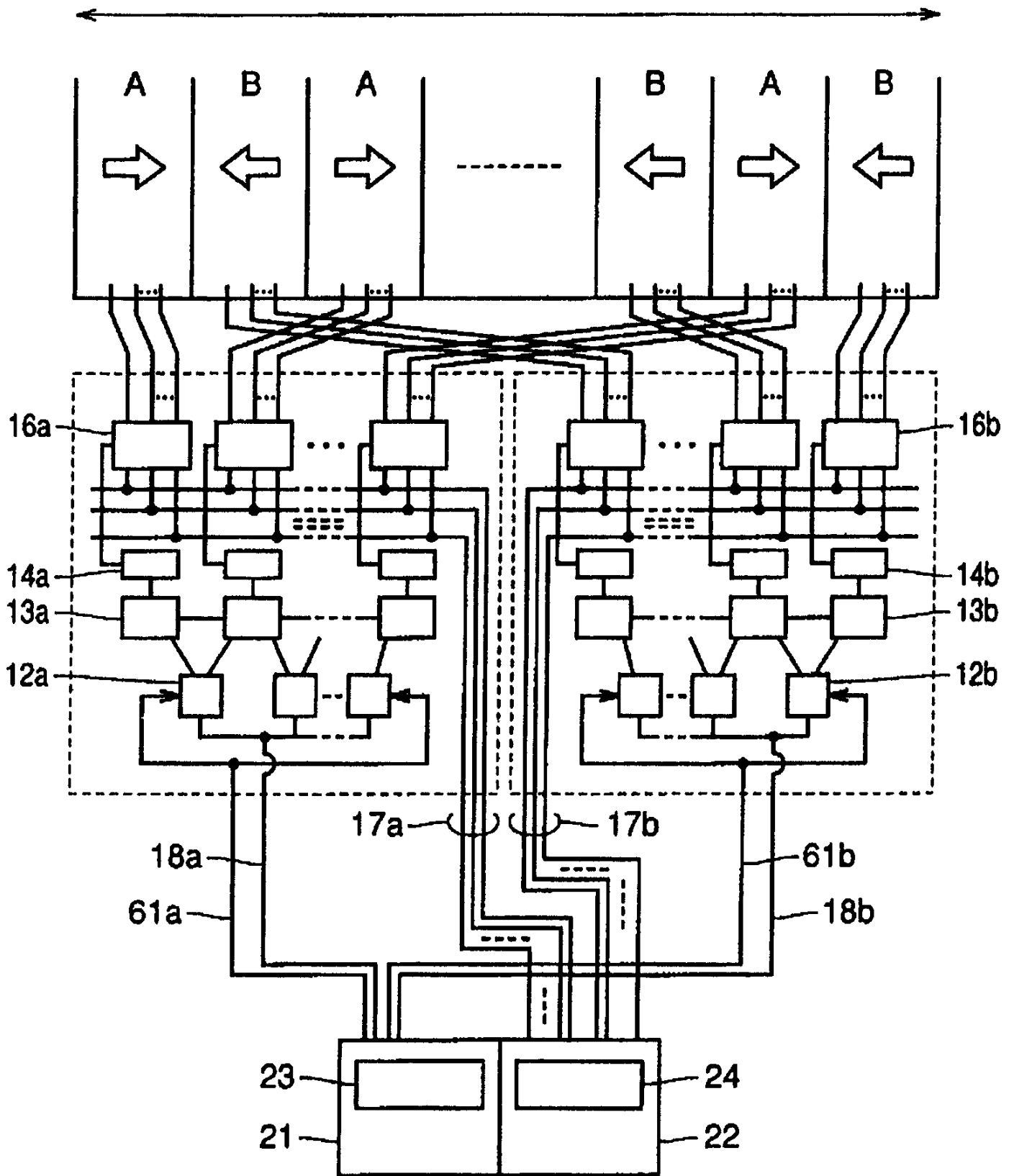
영상 신호



7

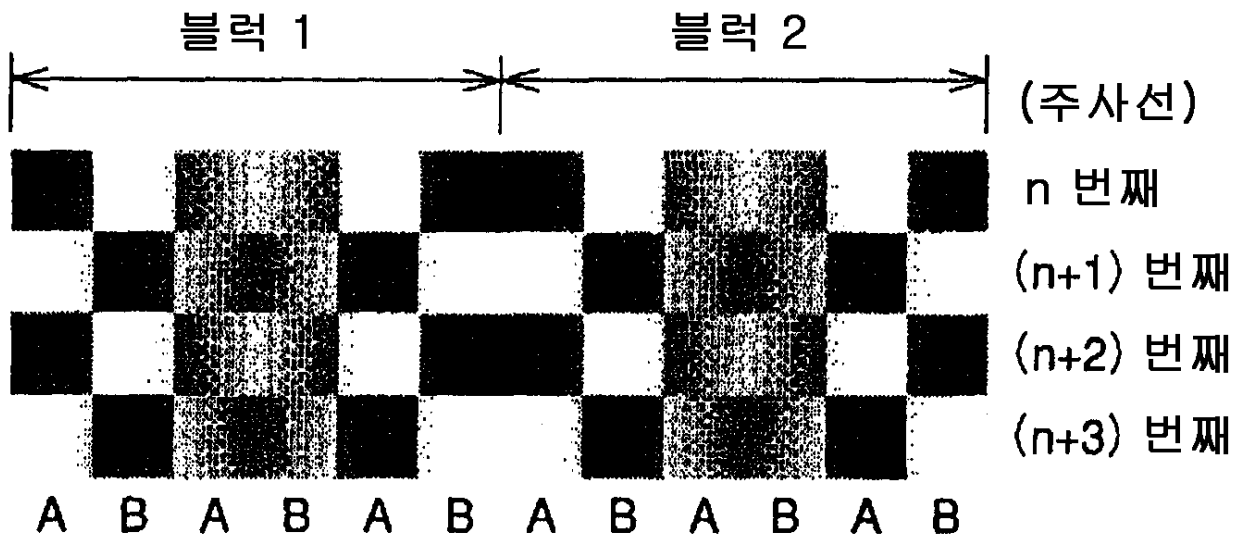


블럭 1

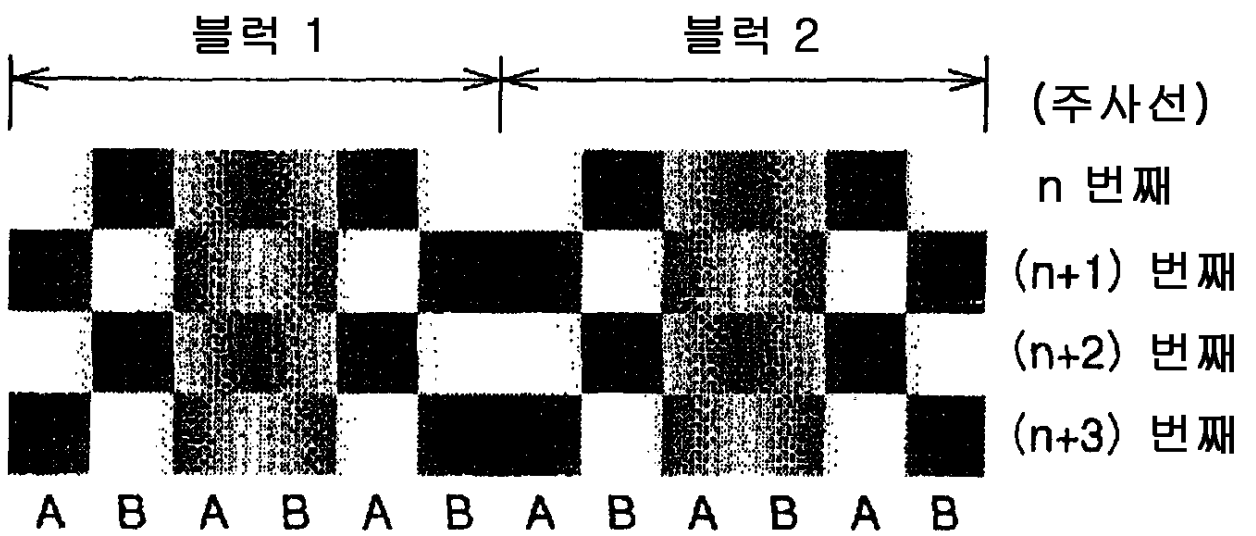




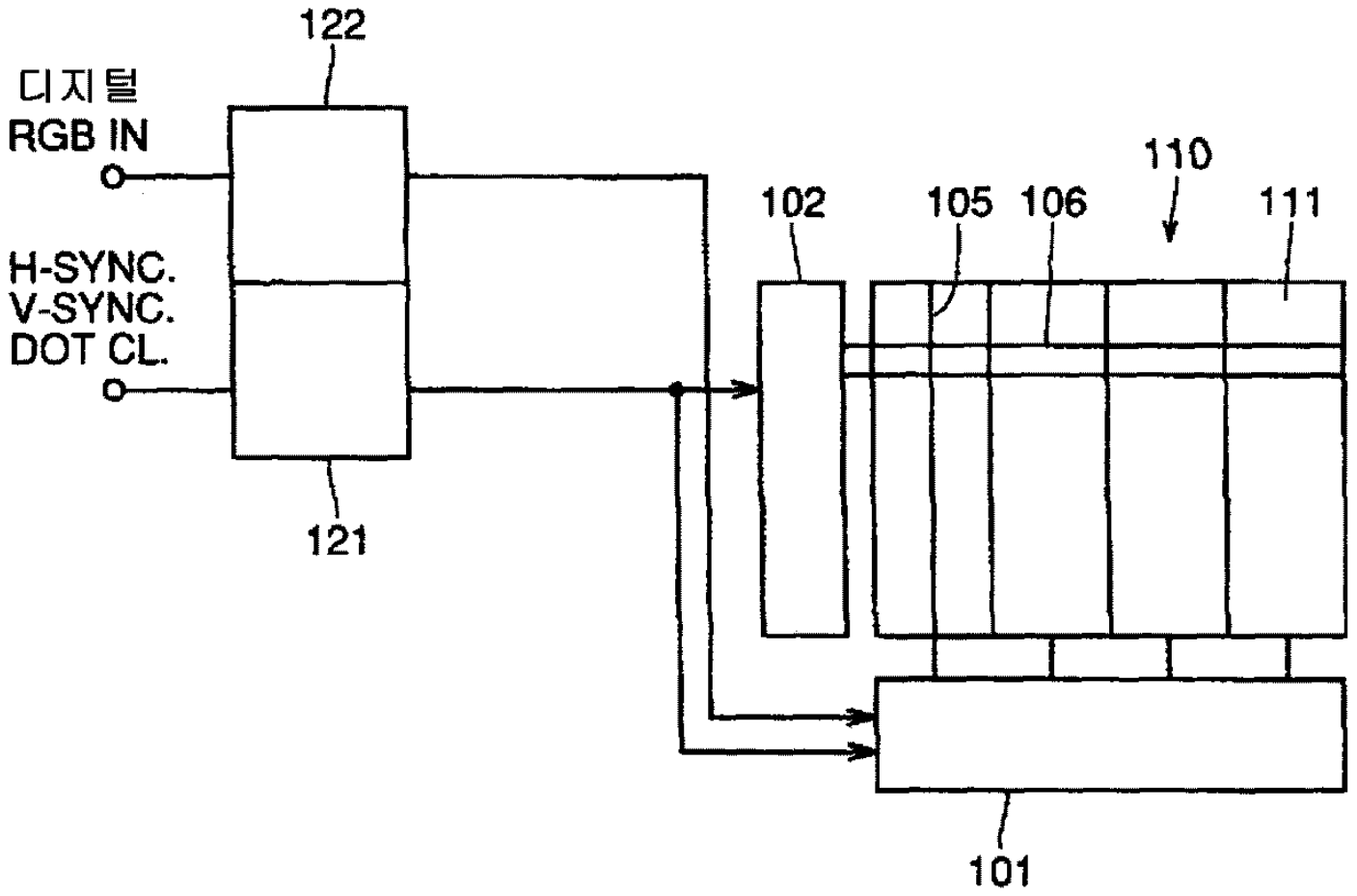
(a)



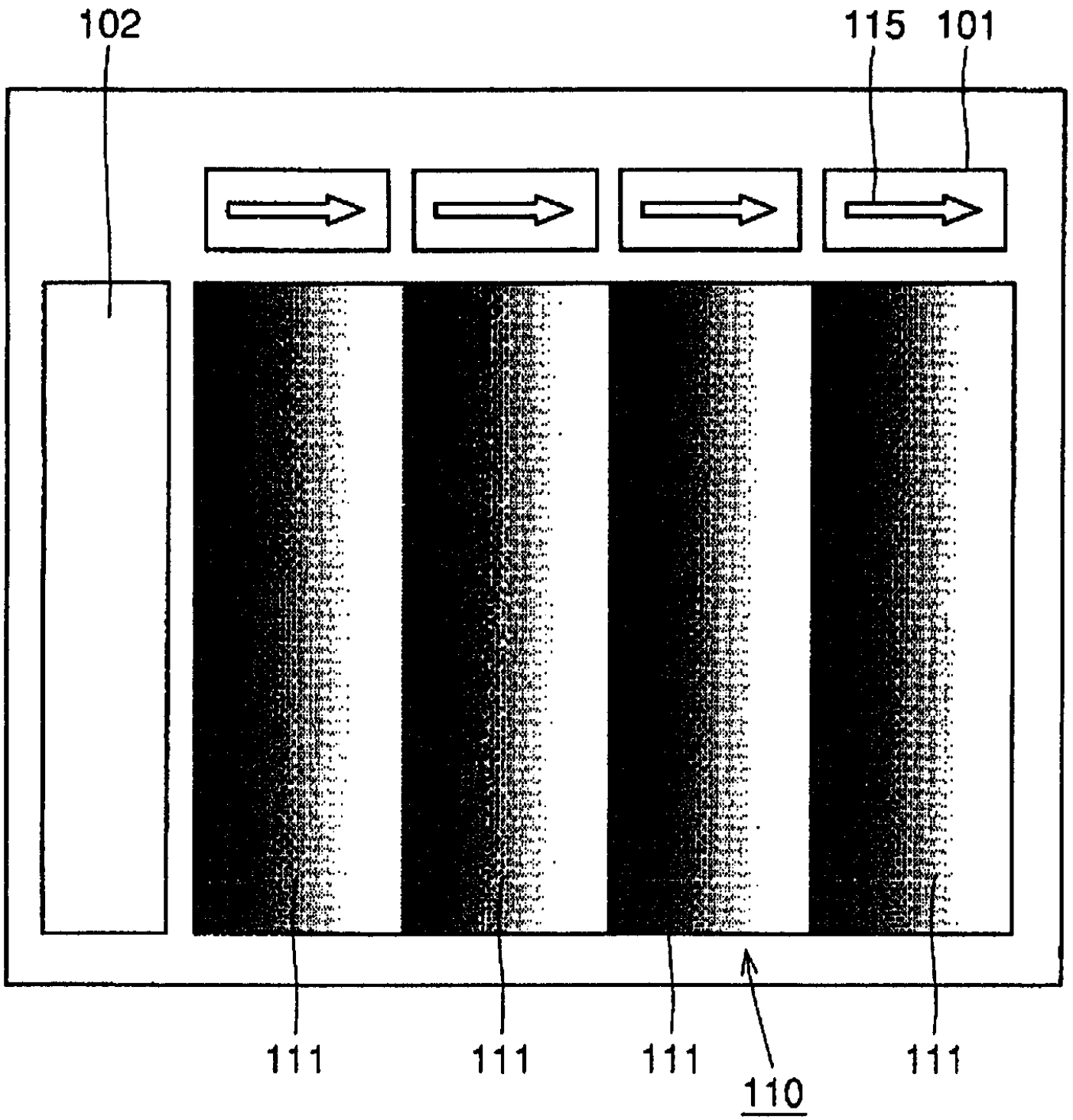
(b)



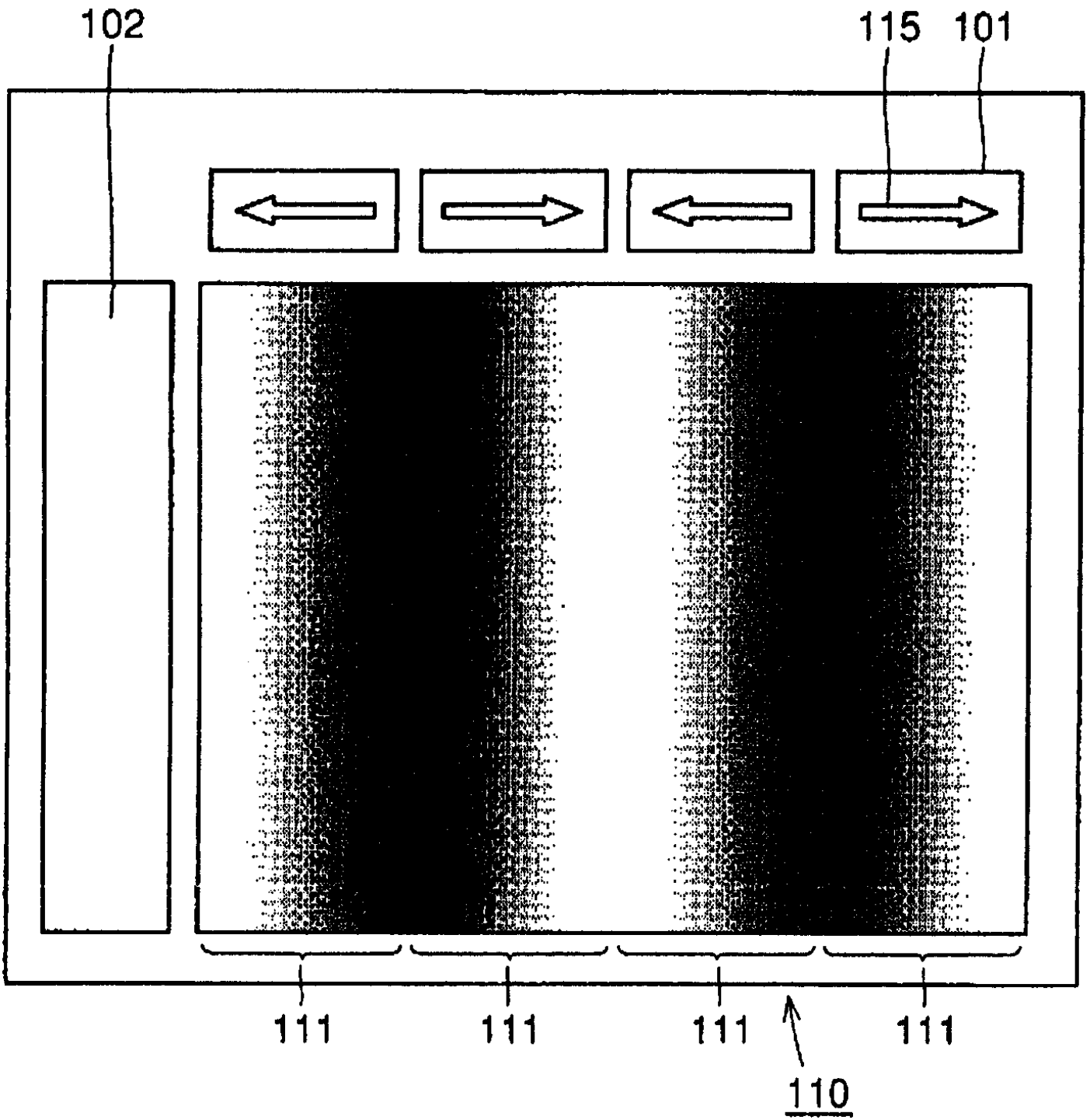
11



12



13



专利名称(译)	液晶显示器		
公开(公告)号	<a href="#">KR1020010062117A</a>	公开(公告)日	2001-07-07
申请号	KR1020000073152	申请日	2000-12-05
[标]申请(专利权)人(译)	三菱电机株式会社 精工爱普生株式会社		
申请(专利权)人(译)	三菱电机有限公司 精工爱普生株式会社		
当前申请(专利权)人(译)	三菱电机有限公司 精工爱普生株式会社		
[标]发明人	MURAI HIROYUKI 무라이히로유키 ISHIGURO HIDETO 이시구로히데토		
发明人	무라이히로유키 이시구로히데토		
IPC分类号	G09G3/36 G02F1/133 G09G G09G3/20 G02F		
CPC分类号	G09G2320/02 G09G3/3677 G09G2310/0297 G09G3/3688 G09G3/3666 G09G2310/0283		
代理人(译)	KIM, CHANG SE		
优先权	1999349012 1999-12-08 JP		
其他公开文献	KR100411913B1		
外部链接	<a href="#">Espacenet</a>		

摘要(译)

可以获得用于实施粗块驱动的液晶显示器，从而可以突出地识别显示屏的阴影污迹。从信号处理电路 (22) 和定时电路 (21) 发送的视频信号电压在信号线 (5) 中被授权的信号处理电路 (22) 包括图像信号重新排序电路 (24)。与驱动方向的反转同步地根据驱动方向 (15) 的反转强制重新排序必要的图像信号。

