

(19)  
(12)(KR)  
(A)(51) . Int. Cl.<sup>7</sup>  
G09G 3/30(11)  
(43)10-2004-0025384  
2004 03 24(21) 10-2002-0057337  
(22) 2002 09 19

(71) 575

(72) 948-4 108 402

105 503

(74)

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(54)

, , 1 , , 2  
 1 . . . .  
 2 . . . .

4

1  
 2 1  
 3 2  
 4  
 5 4

6 5

&lt; &gt;

S\_D ... , S\_T ... ,

S\_DD ... , S\_DT ... ,

1, 5... , 2, 6... ,

3, 7... , 4, 8... ,

GE\_1, ..., GE\_N ... , DE\_1, ..., DE\_M ... ,

VE\_1, ..., VE\_N ... , CE\_11, ..., CE\_NM ... ,

Vdd... , DC\_11, ..., DC\_NM ... ,

TR1... 1 , TR2... 2 ,

C... .

, 가 (Electroluminescent) , , (有機)  
 가

가 가  
 (breakdown) 가 , 가

1 , (4)  
 (1), (2), (3)

) , (4) , (GE\_1, ..., GE\_N) (DE\_1, ..., DE\_M )  
 . , (VE\_1, ..., VE\_N) (GE\_1, ..., GE\_N) (GE\_1, ..., GE\_N) (VE\_1, ..., VE\_N) (1:1)  
 . , CE\_11, ..., CE\_NM 2 3 가 . (4)

(2) (1) , (S\_D) (S\_T) , (S\_DT) , (3) (3) (3) (3) , (4) ,  
 (2) (DE\_1, ..., DE\_M) (GE\_1, ..., GE\_N) (Vdd)  
 . , (VE\_1, ..., VE\_N) (CE\_11, ..., CE\_NM) (GE\_1, ..., GE\_N) (Vdd)

가 .  
 2 1 . 2 3 1 (4) . 3 2 2 2 2 DC  
 . , DC\_NM . 2 . C 2 (TR2) (TR2) (TR2) (TR2)  
 1(M-1) , CL\_2(M-1) (VE\_1, ..., VE\_N) , 2 (3 CL



(6) (5),  $(S_D)$ ,  $(S_T)$ ,  
 (6)  $(S_{DD})$  가 , (7)  $(S_{DT})$  가 .  
 (DE<sub>1</sub>, ..., DE<sub>M</sub>) , (GE<sub>1</sub>, ..., GE<sub>N</sub>)  
 (VE<sub>1</sub>, ..., VE<sub>N/2</sub>) (CE<sub>11</sub>, ..., CE<sub>NM</sub>) (Vdd)

5 4 . 5 6 4 (8) . 6 5 (8) 가 . 5 DC 11 ,  
 ... , DC NM 가 . 5 C 2 (TR2) .  
 1) , CL 2(M-1) ) 2W (VE 1 , ... , VE N/2 ) , 2 (TR2) (TR2) (TR2) (3 CL 1(M-1) .  
 6

1 (TR1) (GE<sub>1</sub>, ..., GE<sub>N</sub>) (DE<sub>1</sub>, ..., DE<sub>M</sub>)  
 . 2 (TR2) 1 (Vdd) (CE<sub>11</sub>, ..., CE<sub>NM</sub>)  
 (VE<sub>1</sub>, ..., VE<sub>N/2</sub>) 가

$$, \quad (GE_1 - GE_2, \dots, GE_{N-1} - GE_N) \quad (8) \quad , \quad (VE_1, \dots, VE_{N/2}) \\ (GE_1 - GE_2) \quad (TR2) \quad (Vdd) \quad \text{가} \quad .$$

,  $(VE_1, \dots, VE_{N/2})$  가 ,  
 . ,  $(CE_{11}, \dots, CE_{NM})$

$$, \quad (\forall E_1, \dots, \forall E_{N/2}) \quad , \quad (\forall E_1, \dots, \forall E_{N/2})$$

(57)

1

1

2

1

가

가

2.

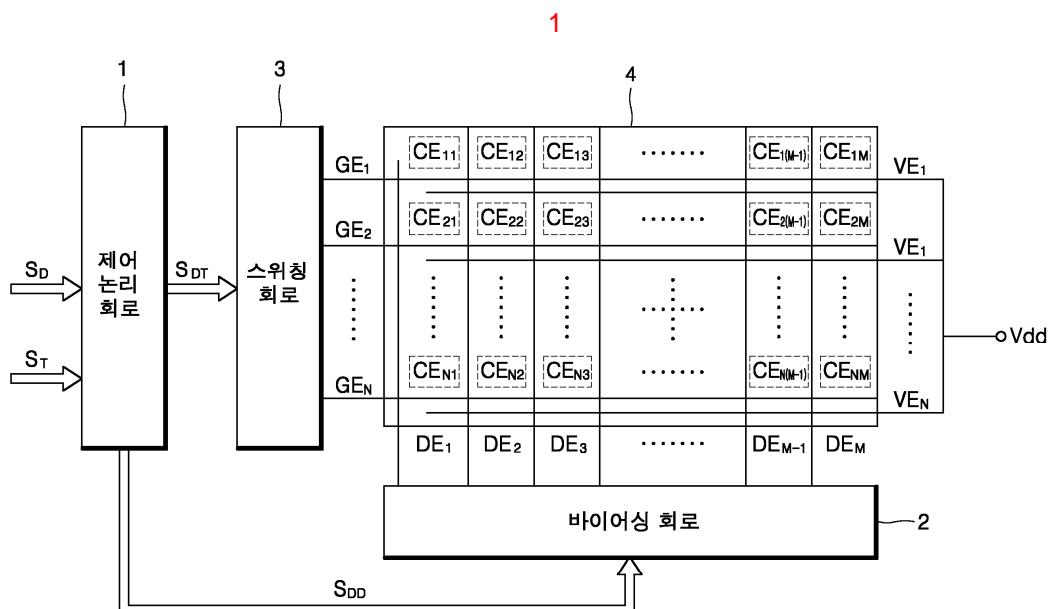
1

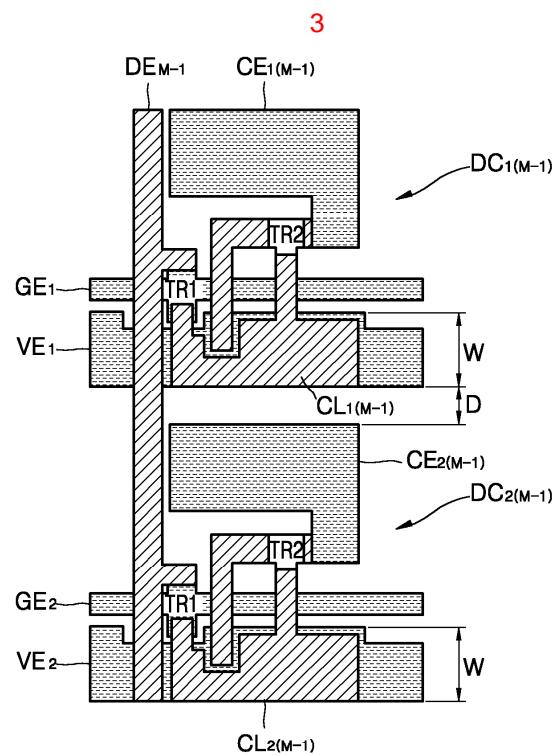
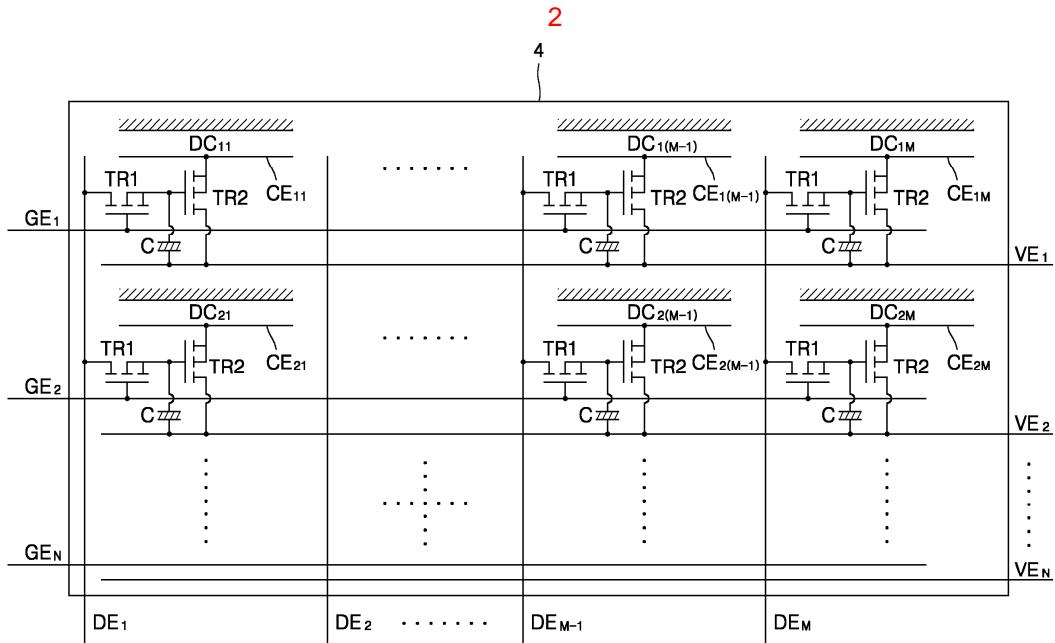
1 2

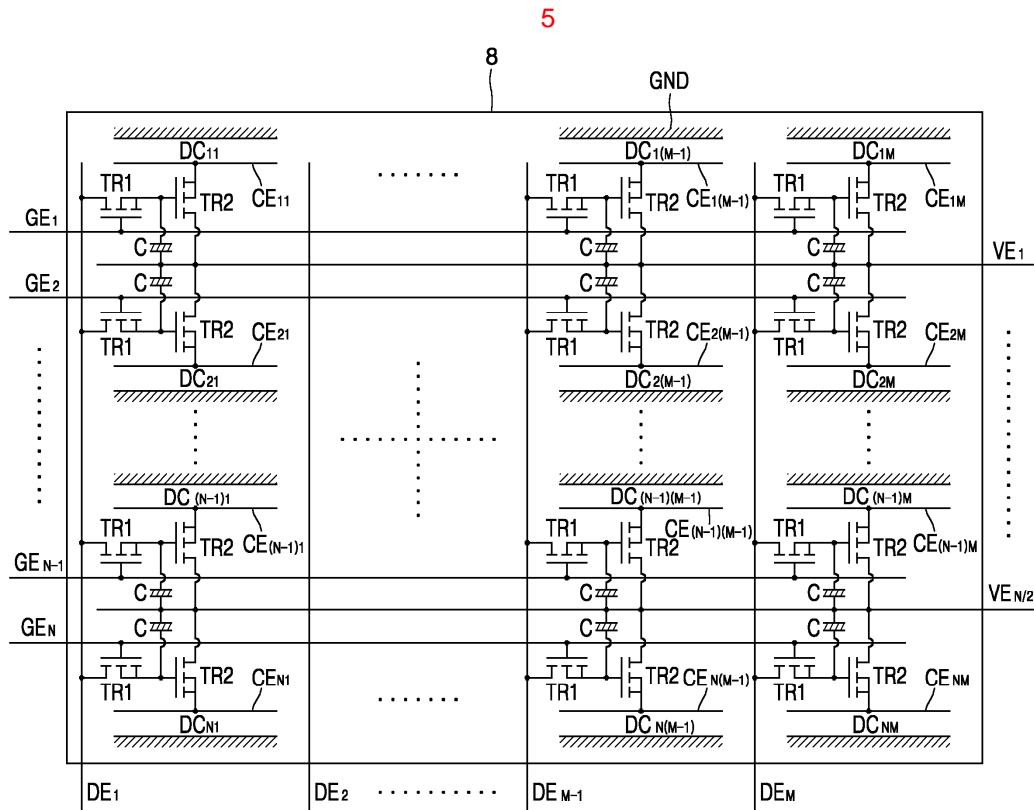
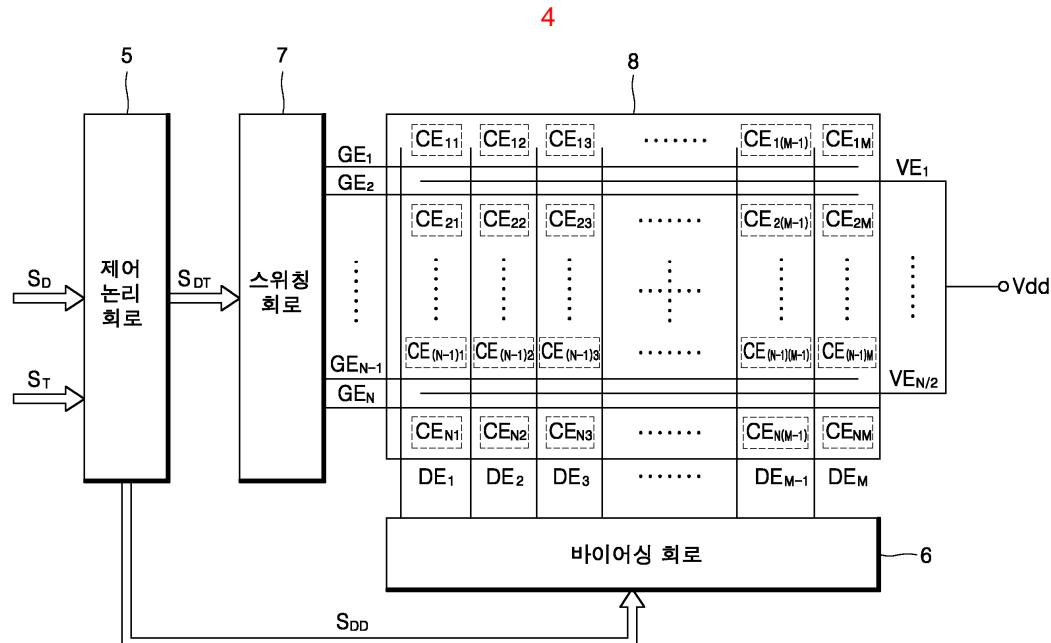
(Field Effect Transistors)

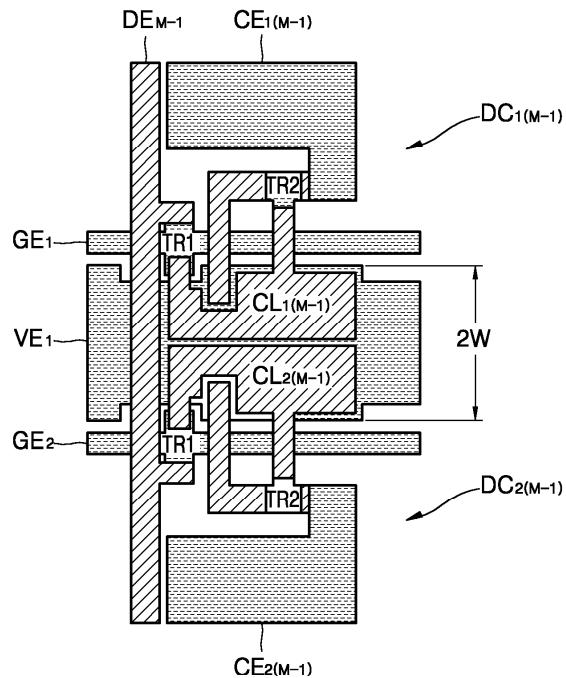
3.

2

1 , 1  
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专利名称(译)	一种电致发光显示面板，其中共用偏置线		
公开(公告)号	KR1020040025384A	公开(公告)日	2004-03-24
申请号	KR1020020057337	申请日	2002-09-19
申请(专利权)人(译)	三星SD眼有限公司		
当前申请(专利权)人(译)	三星SD眼有限公司		
[标]发明人	SEO SEONGMOH 서성모 CHOI KYUHWAN 최규환		
发明人	서성모 최규환		
IPC分类号	G09G3/30		
代理人(译)	李，杨 HAE		
其他公开文献	KR100581853B1		
外部链接	<a href="#">Espacenet</a>		

### 摘要(译)

形成根据本发明的ELD面板使得数据线与扫描线交叉并且其对准偏置线的电压围绕扫描线模制，并且第一晶体管由具有数据线的扫描线驱动，并且根据第二晶体管施加第二晶体管。第一晶体管在偏置线中的每个操作状态可以被称为ELD面板，其选择性地供应单元电极。这里，偏置线位于一对扫描线之间，并且在相应的第二晶体管中的一对扫描线中授权偏置电压。

