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 (12) (B1)

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(21) 10-2000-0030180 (22) 2000 06 01	(65) (43)	2001-0007178 2001 01 26
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(30) 99-153738 1999 06 01 (JP)

(73) 가 가 가 , . 1753

(72) 5 7 1 가 가

(74)

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(54)

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TFT , TFT , TFT  
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2

1(a)	1(b)		
2			
3(a)	3(b)		
4		(V)	(T)
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12 :		13 :	
14 :		15 :	IC
16 :	17 :		(TCP)
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30 : TFT	31 :		

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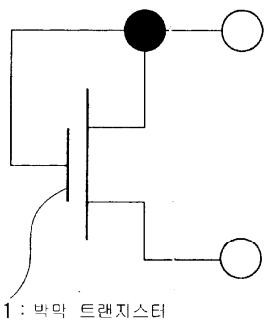
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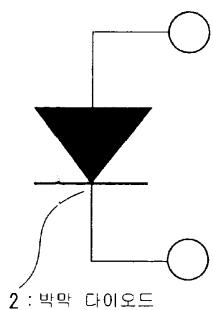
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(a)



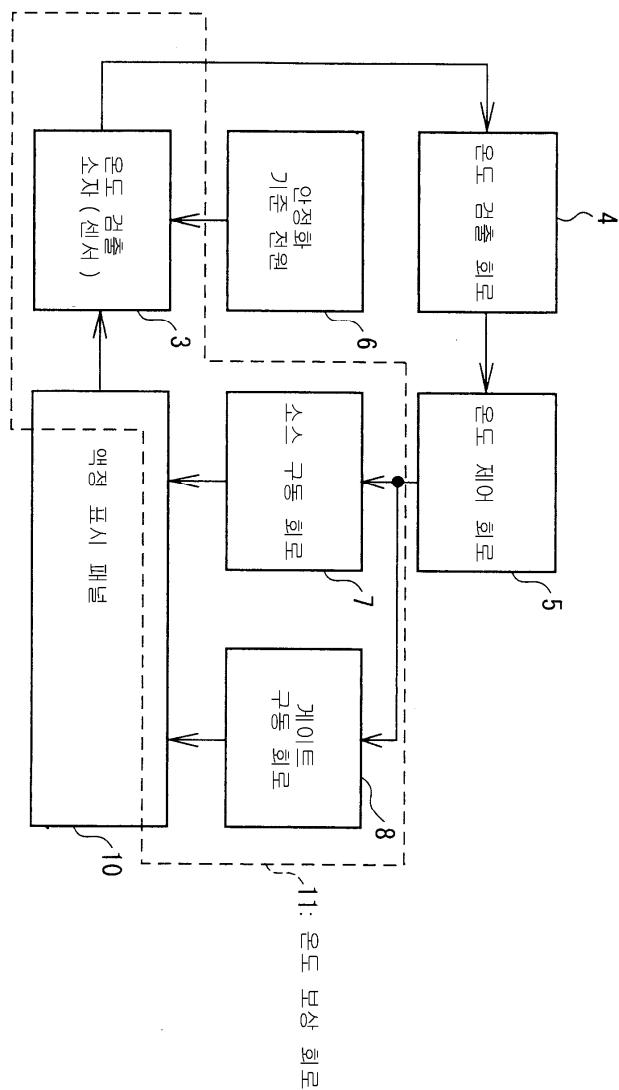
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(b)



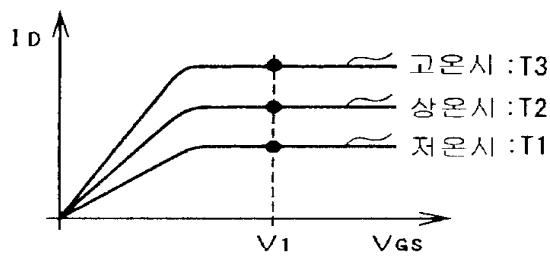
2 : 박막 다이오드

2

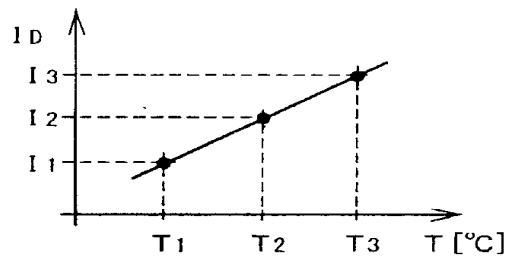


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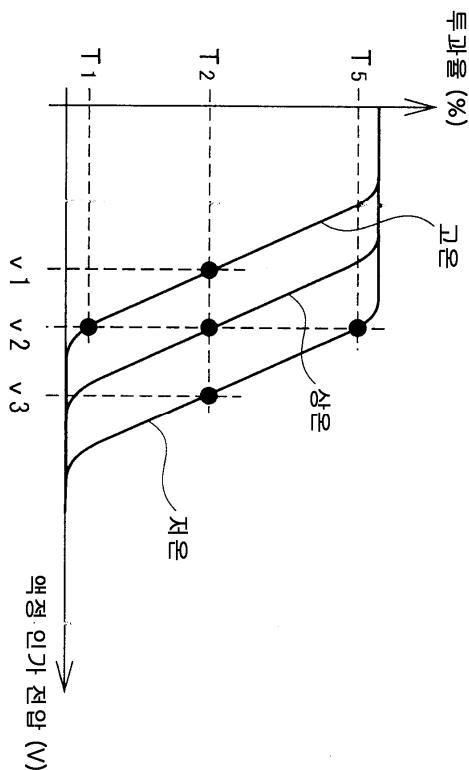
(a)

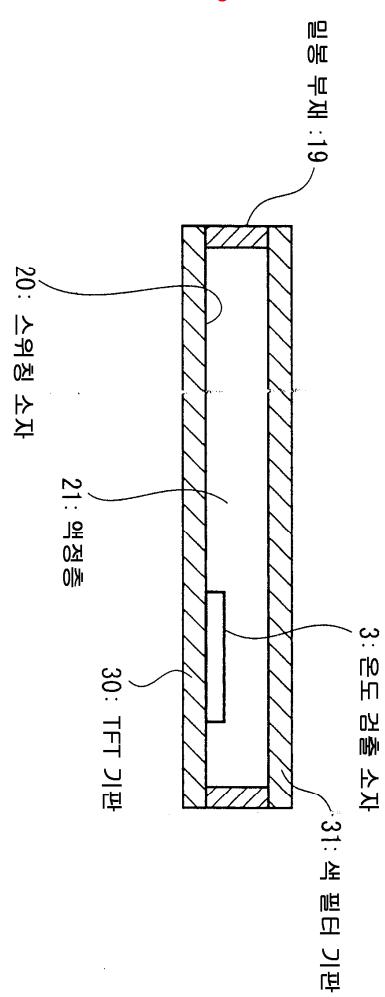
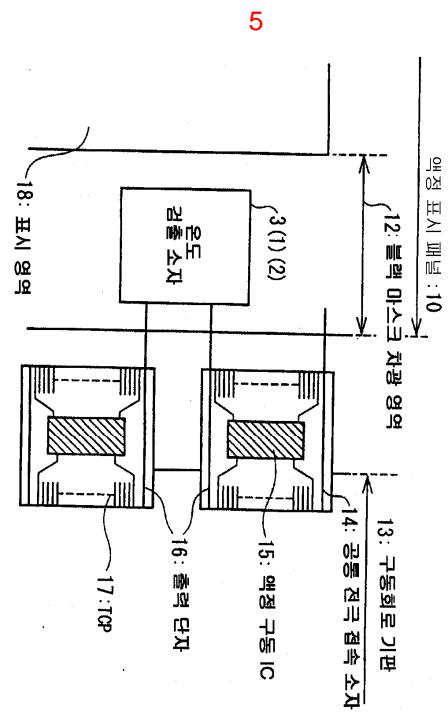


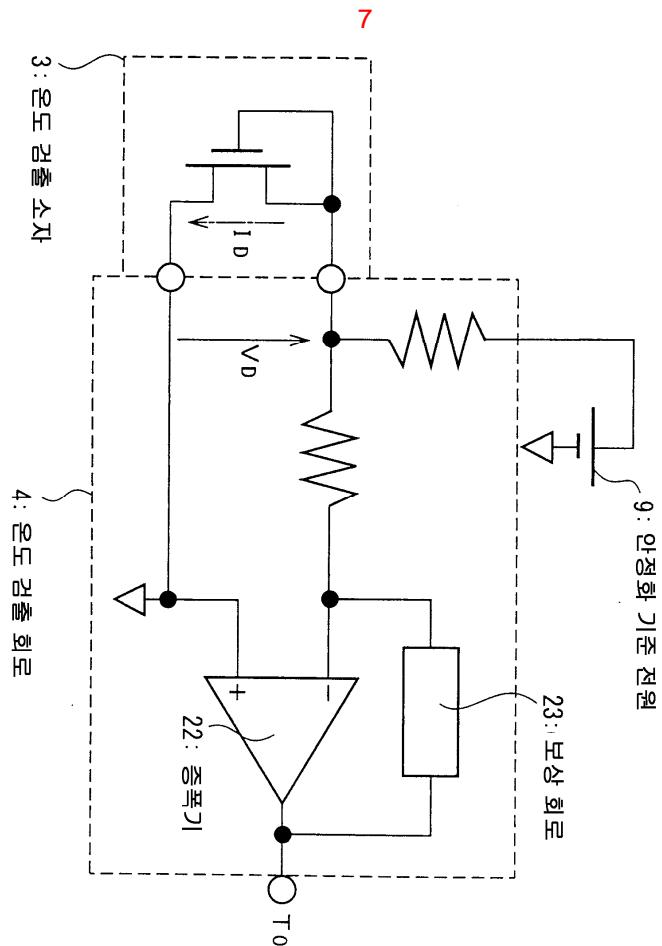
(b)



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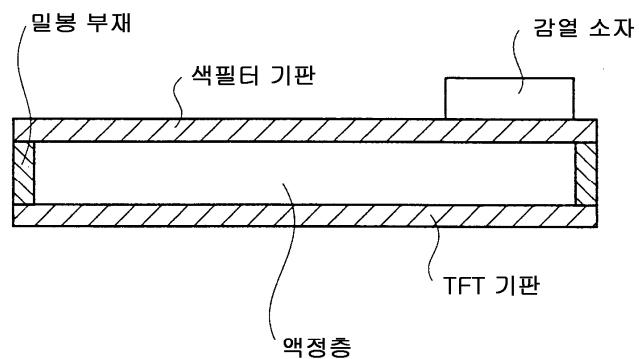




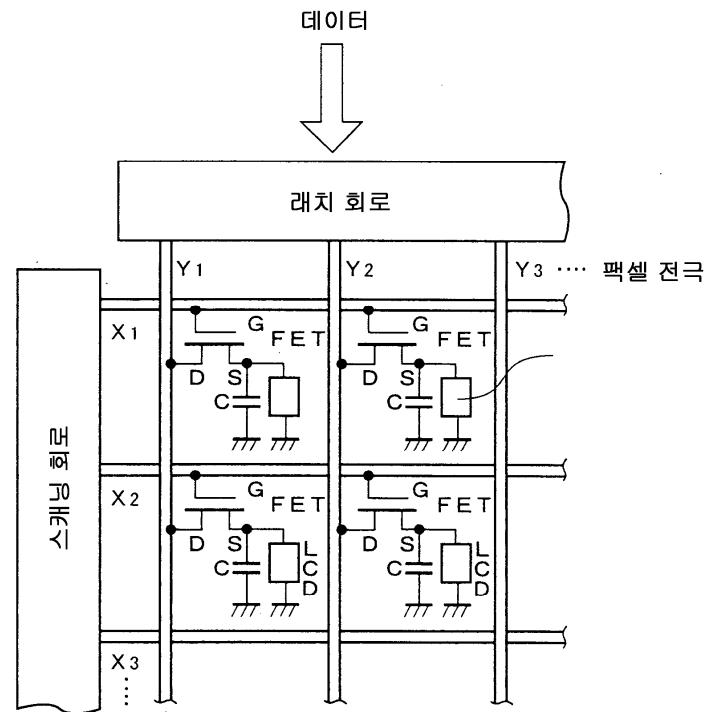


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## 종래 기술



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종래 기술



专利名称(译)	液晶显示装置及其制造方法		
公开(公告)号	<a href="#">KR100386733B1</a>	公开(公告)日	2003-06-09
申请号	KR1020000030180	申请日	2000-06-01
[标]申请(专利权)人(译)	NEC液晶技术株式会社		
申请(专利权)人(译)	日元号技术可否让这个夏		
当前申请(专利权)人(译)	日元号技术可否让这个夏		
[标]发明人	HOSOYAMADA SHUNICHI		
发明人	HOSOYAMADA,SHUNICHI		
IPC分类号	G09G3/36 G02F1/1368 G02F1/136 G02F1/1333 G02F1/133		
CPC分类号	G02F1/133382 G09G2320/041 G02F2001/133388 G09G3/3648		
代理人(译)	韩国专利公司		
优先权	1999153738 1999-06-01 JP		
其他公开文献	KR1020010007178A		
外部链接	<a href="#">Espacenet</a>		

### 摘要(译)

在由TFT基板，滤色器基板和堆叠在TFT基板与滤色器基板之间的空间中的液晶层形成的液晶显示面板中的黑色掩模遮光膜区域中的TFT基板上形成诸如薄膜晶体管的开关元件的工艺步骤同时，形成温度检测元件，由此可以检测液晶层的温度而不受外部空气等的影响。2指针方面液晶显示器

