

(19) (KR)
(12) (A)

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(21)	10-2002-0039469		
(22)	2002 07 08		
(71)	.	20	
(72)		586	101 806
(74)			
	:		
(54)			

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6 4

7a 7b 4

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2,32: 4,34 :

6,36 : 10,40 :

12,42 : 14,44 :

16,46 : 18,48 :

20,50 : 22,24,52,54 :

60 : 62 :

64 :

,
 .
 (Notebook Personal Computer ; 'NTPC') 가
 (Notebook) NTPC
 (Liquid Crystal Module; 'LCM')
 LCM
 ,
 .
 가
 1 , (Support Main)(2) , (2)
 (10) 가 (10) , (14) (2) (Cover Bottom)(14) ,
 (Case Top)(16)
 (2)
 (4), (6), / (12a,12d) / (12b,12c) (12)
 (18) , (22, 24) / (10a,10b)
 (10)
 (20)가 (18) , (20)
 (6), (6) (10) (12) ,
 (6) (6) (10) (4)
 .
 (6) (20) (10) / (12a,12d) /
 (12b,12c) (12) (6)
 (12a) (6) , / (12b,12c)
 (12a) (12d) / (12b,12c)
 (12b,12c) (12d) (2)

(10) (22) (12) (10b) 가 (10a) (10)
 , , , (24) (10) .
 (14) (2)
 (16) (2) (10) (16)
 가
 가 (12d)가 (20) 2
 (12d)가 (10) 3
 , (12d) , (20) (10) (22) (12d)

가
 , ,
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 , ,
 /

0.0002%

4 7b

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4, (Support Main)(32), (32)
 (40), (40)가 (40), (44) (32) (Cover Bottom)(44)
) , (40)가 (44) (Case Top)(46) .
 (32) (32)
 (34), (36), / (42a,42d) / (42c,42d) (42)
 (48) (52, 54) / (40a, 40
 b) (40) .
 (50)가 (48), (50)
 (36), (36) (40) (42),
 (36) (36) (40) (34)
 .
 (36) (50) (40) / (42a,42d) /
 (42b,42c) (42) (36)
 (42a) (36), / (42b,42c)
 (42a) (42d) / (42b,42c)
 (42b,42c) (42d) (32)
 .
 (40) (40b)가 (40a)
 , (52) (42) (54) (40)
 , (52) (54) (40) .
 (44) (32)
 .
 (46)가 (32) (40) (46)
 .
 (64) (32)가 (42d)
 (60) (62)가 (42d)
 .
 (60) (42d) (48) .
 (60) 0.0002% , .
 (42d) (60) (50) (42d) (50)
 .
 (62) (42d) (32) ,
 (62) (42d)가 (32) (50)
 (42d) (40) 0.2mm (52) (40)
 , .

5 4

5 (50)가 (48) (36) (36) (4
 2a) / (42b,42c) (60) (42d) .
 (42d) (62) (32) (64) (62)가 .

6 4

6 (50)가 (48) (36) (36) ((4
 48) (32) , (42d) (62), (60)

(42) (32) (64) .
7a 7b 4 .
, (36) (42a) / (42b,42c) (60)
(42d) 7a (62)가 (32) (64)
(36) (32) . , 7b (50)가 (48)

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가

(57)

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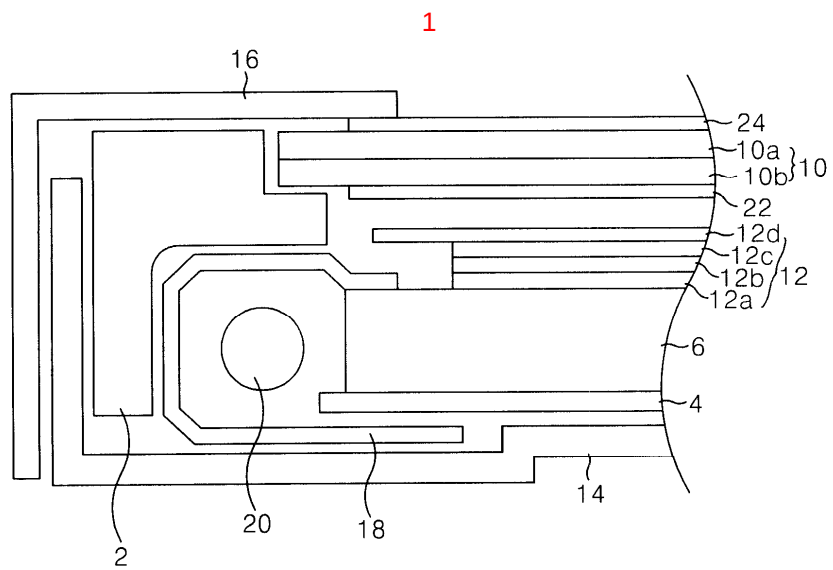
0.0002%

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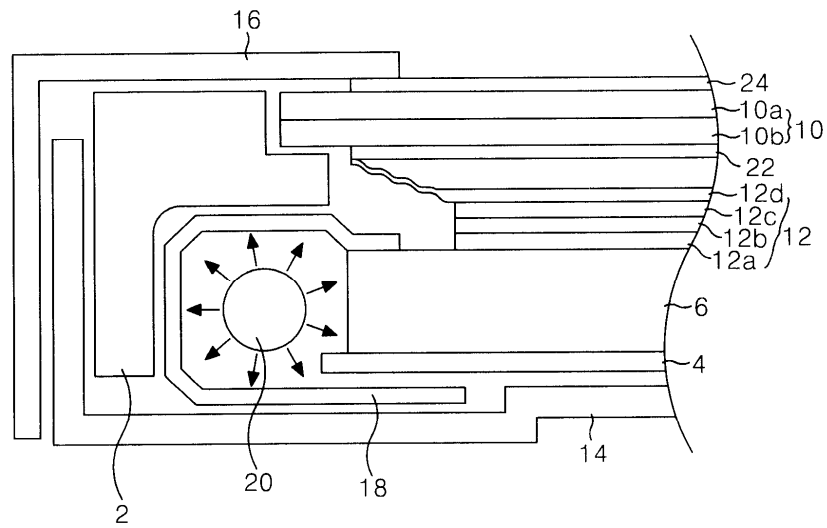
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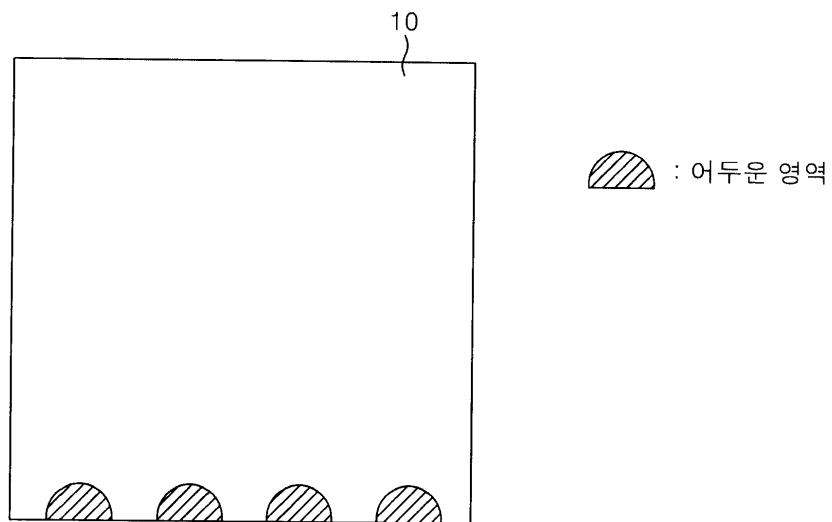
4 ,



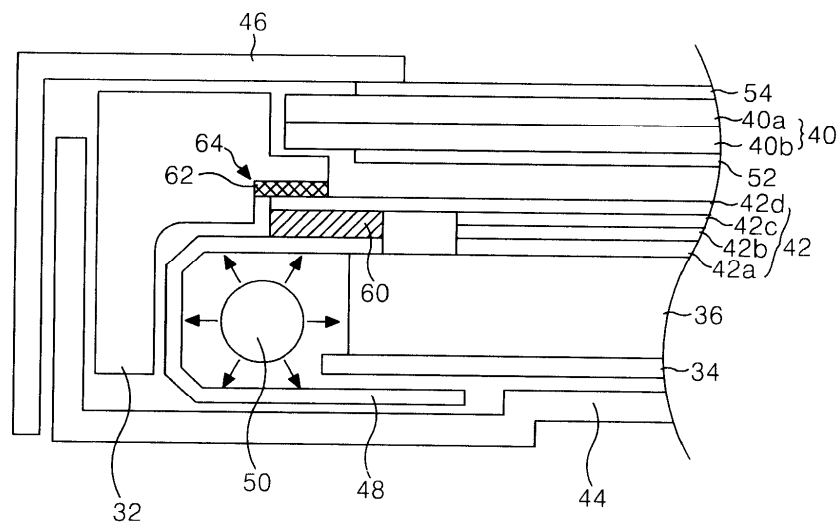
2



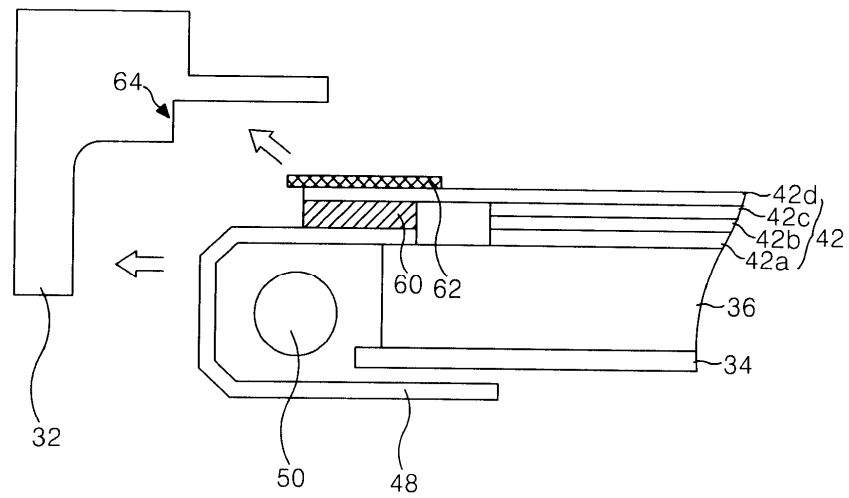
3



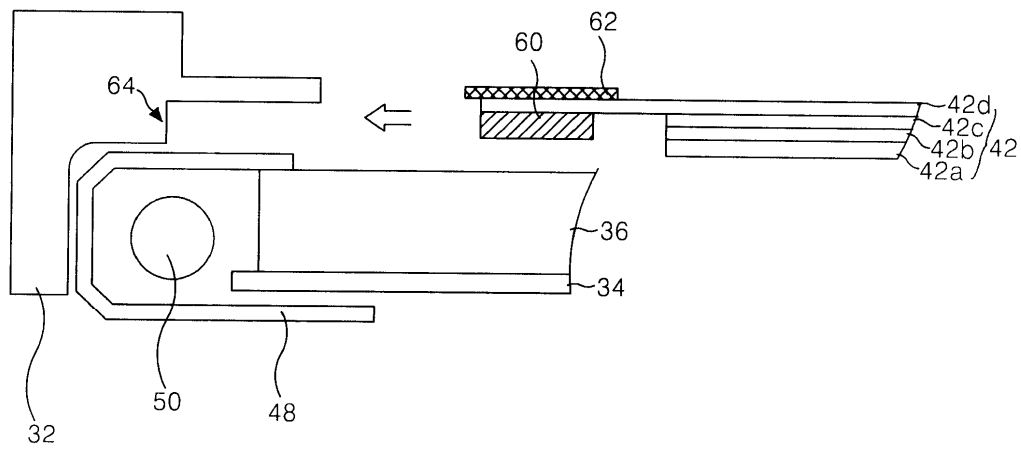
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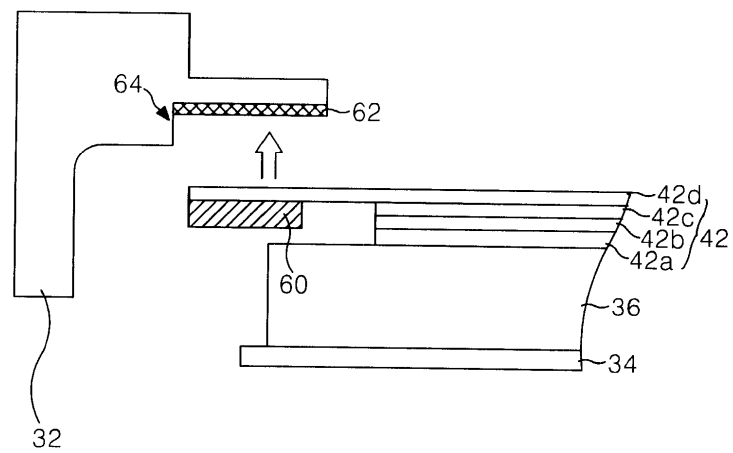
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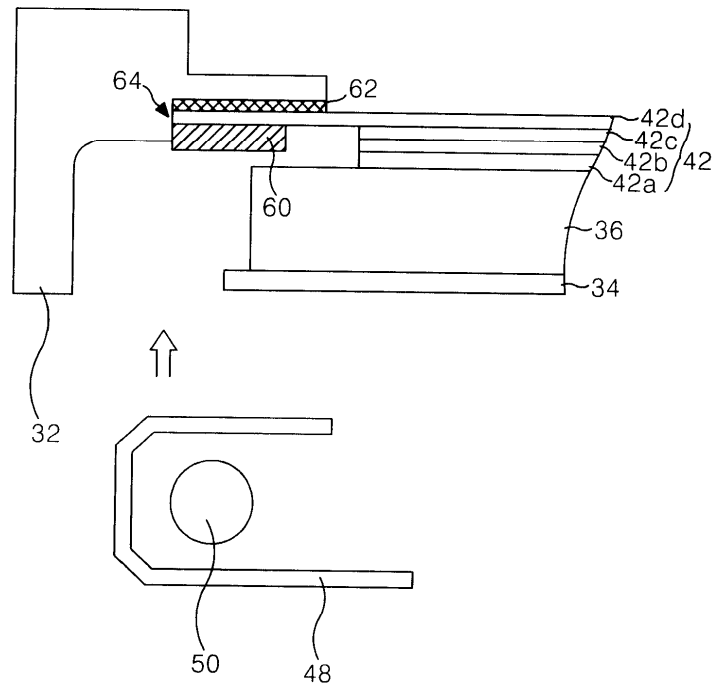
6



7a



7b



专利名称(译)	液晶显示模块		
公开(公告)号	KR1020040005162A	公开(公告)日	2004-01-16
申请号	KR1020020039469	申请日	2002-07-08
[标]申请(专利权)人(译)	乐金显示有限公司		
申请(专利权)人(译)	LG显示器有限公司		
当前申请(专利权)人(译)	LG显示器有限公司		
[标]发明人	JANG MYONGGI 장명기		
发明人	장명기		
IPC分类号	G02F1/1333		
CPC分类号	C09J2201/128 G02B6/0051 G02F1/133308 G02F1/133524 G02F1/133615 G02F2001/133628 G02F2201/46 G02F2202/28		
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其他公开文献	KR100487804B1		
外部链接	Espacenet		

摘要(译)

本发明涉及一种液晶显示模块，用于防止由于热量而从漫射板的灯发出的变形。同时包括在灯中产生的热屏蔽部分并切断作为漫射板的热量，同时位于漫射板和灯壳体之间，漫射通过导光板的光在支撑主体中。背光单元，其中根据本发明的液晶显示模块包括位于灯壳上的至少一个光学片，并且灯壳和导光板以及至少一个光学片固定和支撑并且至少在一个光学片上，漫射片比其余的光学片向支撑主体突出。对于位于灯壳上的至少一个光学片，灯安装在导光板上，用于将来自灯的光转换成表面光源和导光板。

