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(12) (B1)

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G09F 9/302

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(24)	2003 03 07

(21)	10 - 2001 - 0034289	(65)	2002 - 0096121
(22)	2001 06 18	(43)	2002 12 31

(73)	418	6
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(72)	122 - 42	402
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(74)

:

(54)

가.

LED PCB ,
LED

LED ,
가 가 ,
가 가 ,

3	, ,	LED(light emitting diode)	LED(20)
20)	PCB (6),	PCB (6)	LED(20)
	가	(4)	(2)
	(12)		

LED

1

1

2

3

4

5

6

<

2: 4:

6: PCB

3 , , , LED PCB ,
LED

가 , , 6 (42) ,

(42) (44) , 가 (42)
 (46) (48) , (46)
 가 .

가
가

CRT() FDT , CRT FDT
LED 가 .

CRT CRT , CRT 가

LED가 6 70,000 , 2,000cd/cm
2 , LED 62.5m/m

LED , 가가 가

，LED，，，，，

가 가 가

가 가 가

3

ED

L

sqm²

가

가

1 4 3 , , , LED(light emitting diode)
 (2) (6) PCB (6) (4) (6)
 가 .

(2) (10) (10a) (16) (14) (14) ,
(14) (22)가 PCB (6) LED(20)
(6) , (16) (2)
(32)

(32) , (2)

LED (6) (14) (18)
 (18) (6) (2)

(2) (6) 가 (6) (16)

PCB (6) LED(20) , , 3 LED(20)
LED(20) (6) .

(6) 가 (2) LED(20) (4) LED
 (26) (16) (28) LED(20) 가 (4) (12)

(4)

5 (8) 가 가 (4) . (8)

PCB (6) 3 RGB LED(20)
 (6) LED(20) 가 (6) (2) (14) (16) (6)
 PCB (6) , PCB (6) LED(20) (22)
 (4) (4) (8) (2) (32)
 PCB (6) LED 가
 PCB (6) (R), (G), (B) LED 가 LED , LED 3
 3 , , LED , LED
 (57)

1.

() (2) LED(20) PCB (6) LED(20) PCB (6) (12)
 , LED(20) 가 (4) LED 가

2.

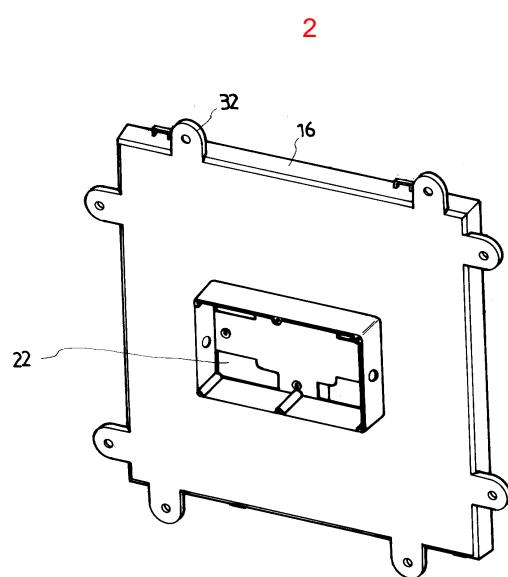
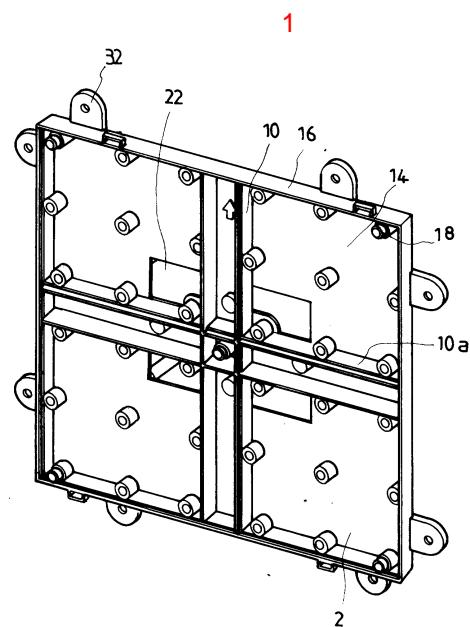
() 1 , PCB (6) (2) (10) (10a) (16)
 (14) PCB (6)

3.

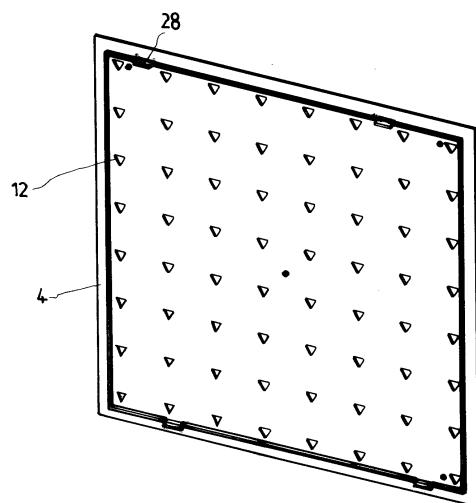
() 1 , (4) (2) (28) (26)

4.

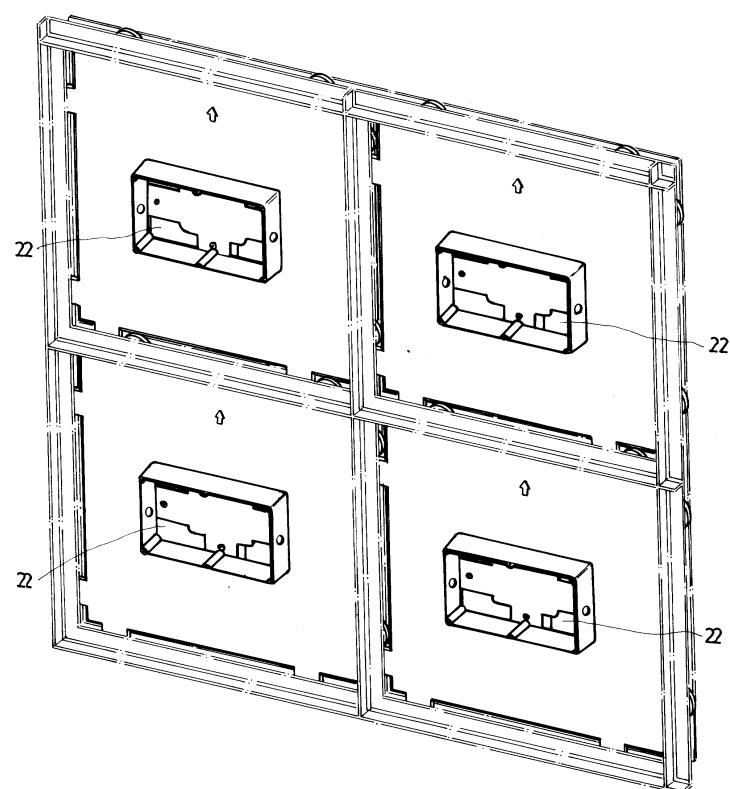
() 1 , (4) (8) 가



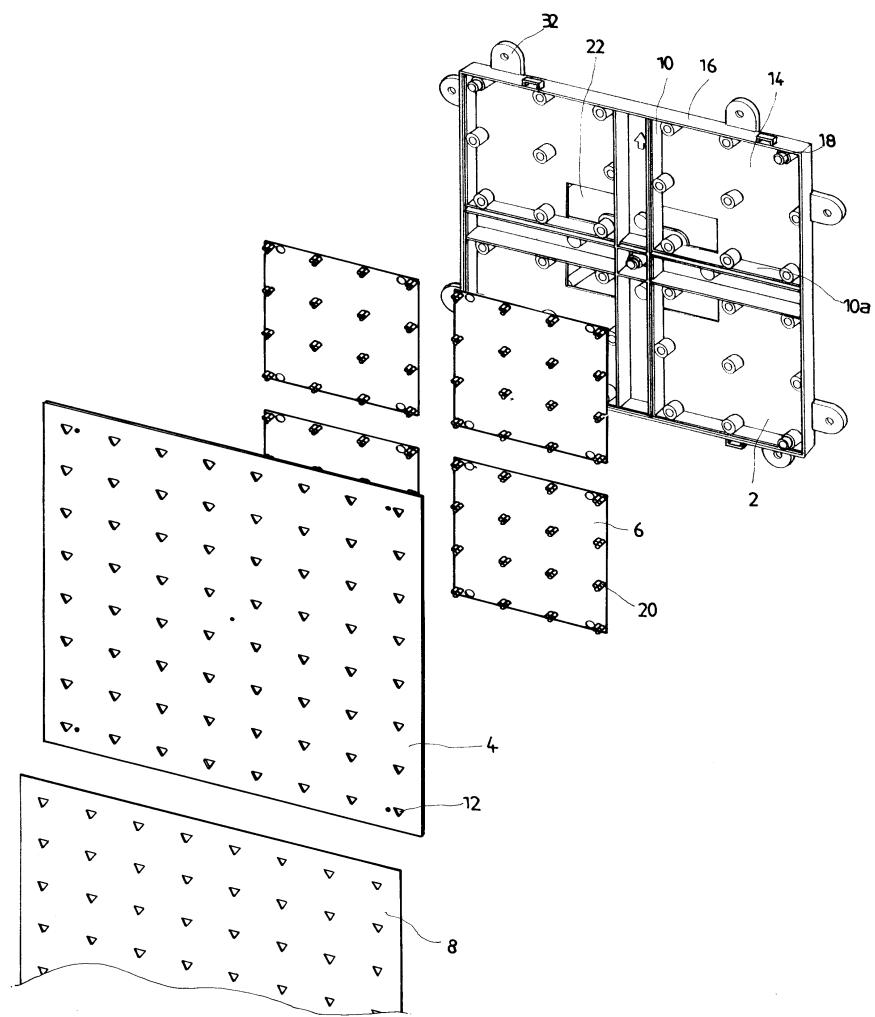
3



4



5



6

