

(19)  
(12)

(KR)  
(A)

(51) 。 Int. Cl.<sup>7</sup>  
G06F 1/20

(11)  
(43)

10-2004-0031808  
2004 04 14

(21)

10-2002-0059683

(22)

2002 10 01

(71)

( )

2 275 LG

(72)

715, 3 304 805

(74)

:

(54)

(cpu) , (heat sink)  
가  
 ,  
 ,  
 , 1 ; 3  
 2 ;  
 .  
 , 가 .  
 , 가 .

3a

, , , ,

1 .

2 1 .

3a

3b

4a

4b

< >

1 : 2 : 3 :

4 : 5 : 6 :

7 :

, (heat sink) ,  
 ,  
 , 가  
 1 , 2 1  
 , (1)  
 (4) (2) (4) (2) (4)  
 (4)가 (3) / (4) (3) (4) (3)  
 (silicon grease) / ( sheet) 가  
 , 가  
 , (3) (4) ,  
 (4)가 (4) (3) / (4) (3)  
 (3) (4) (3) (3) (4) (3)  
 , (4)가 ,  
 (4) 가 가  
 가 가 .

,  
 ,  
 .  
 ;  
 .  
 ,  
 1 ; 3 2 ;  
 .  
 .  
 3a , 3b  
 /  
 , (4) (5) ,  
 (5) (4) (push-switch) (4)  
 ,  
 , (5)가  
 , 가  
 가  
 가  
 가 / 가  
 / (6) /  
 가 (光) (7) 가 (7) (6) /  
 가 (光) (7) 가 (7) (6)  
 가  
 4a , 4b  
 .  
 (2) (4) (3)  
 가 (3) (6) (光) (5)  
 (7) (4) (3) , (5) (7)  
 (4) (3) , ( )  
 .

’ ( ) ,  
.  
, (2) (4) (3)  
, (3) (5)  
가 (7) (3) (6) (光)  
(5) (7)  
(4) (3) , ( )  
.  
, ( ) ,  
.

가 .  
, , 가 .

(57)

1.

1 ;

2 ;

3

2.

1 ,

3.

1 ,

4.

1 3 ,

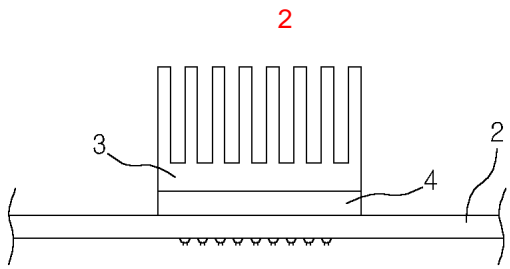
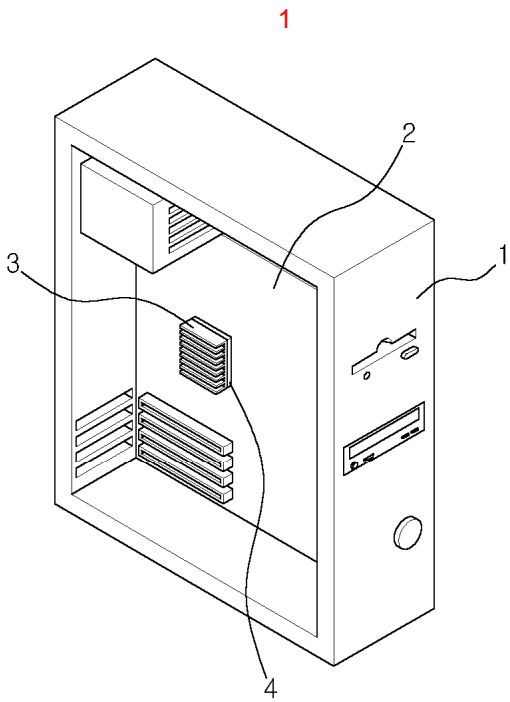
가

5.

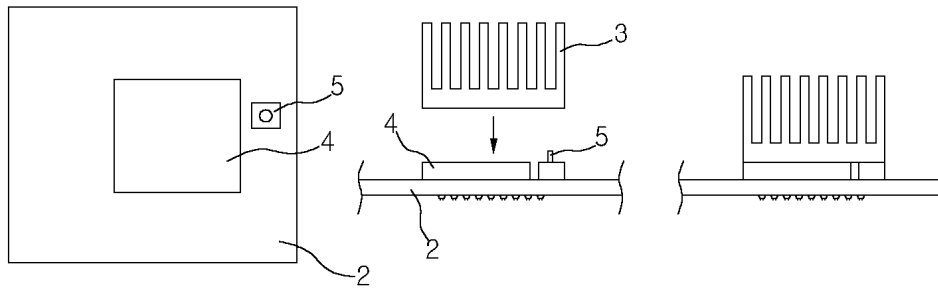
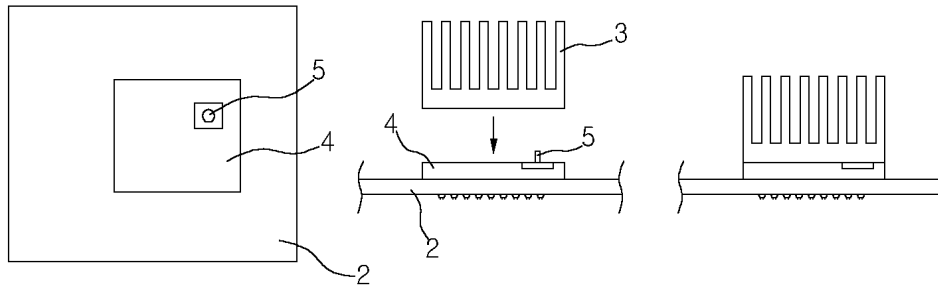
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6.

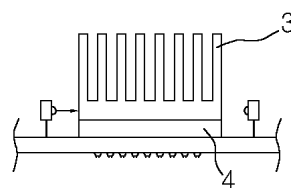
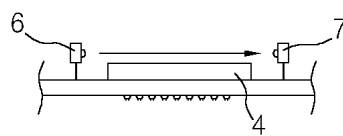
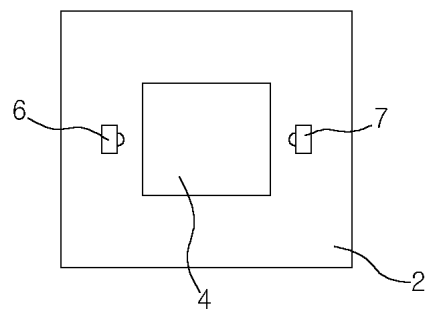
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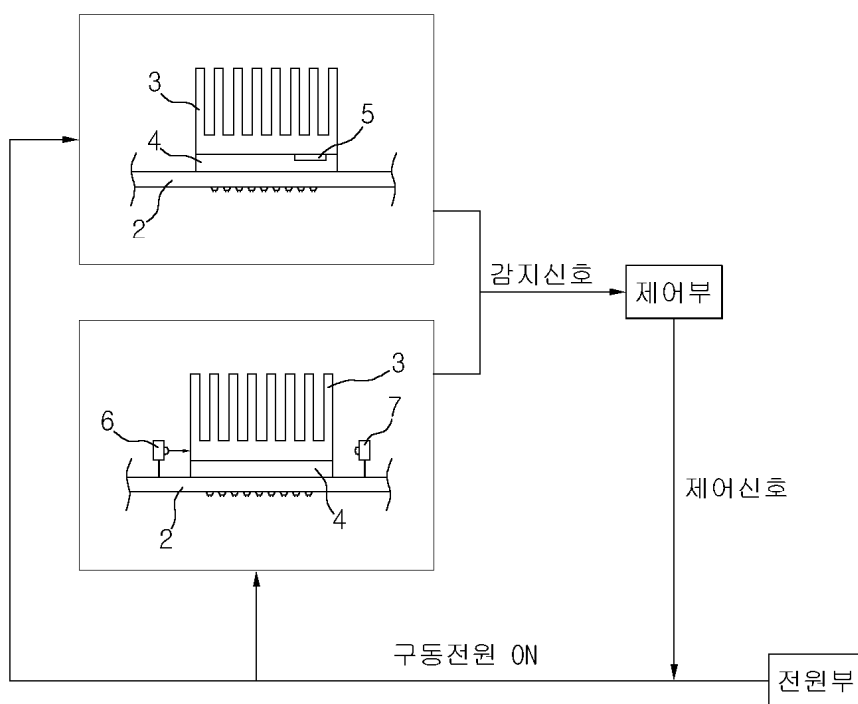
3a



3b



4a



4b

