

(19)  
(12)

(KR)  
(B1)

(51) 。 Int. Cl. <sup>6</sup>  
H01L 23/00

(45)  
(11)  
(24)

2001 09 22  
10 - 0302593  
2001 07 04

(21) 10 - 1998 - 0044721  
(22) 1998 10 24

(65) 2000 - 0026955  
(43) 2000 05 15

(73)

1

(72)

105 203

(74)

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(54)

가 1 ; 1 ; 1 가 , 2  
1 ; 1 ; 1 , 1 , 1  
1 ; 1 ; 2 ; 2 , 1  
, 2 ; 2 , 2 , 2 가 .

2

1 (SOJ)

2		1	.
3a 3g	1		.
4		2	.
5		3	.

\*\* \*\*

10 : 20 : 1

30 : 2 40 : 1

50 : 1 60 :

61 : 62 :

70 : 1 71, 111 :

80 : 2 90 :

100 : 2 110 : 2

,

.

가

가

(SOJ : Small Outline J - leaded)

1

(1)

(3)

(1)

(2)

(4)

(5)

(1)

(2)

(4)

(6)

(2)

(6)

(2) "J"

가

가

( )

1 (40) , 1 (10) 1 (10) , 1 (10) 1  
 (20) 1 (50) , 1 (10) 가 (20) , (10) 1  
 (61) (62) 가 (60) , 1 (10) 1  
 (40) 1 (20) 1 (50) (71) 1 (70) ;  
 1 (70) (71) 2 (80) , 2 (80)  
 (60) (61) 2 2 (100) , (60) (62)  
 (111) 2 (100) ; .

40) ; (10) (61) (62) 가 1 (6  
 0) ; ; 1 (40) (60) (61) (62) 1 (50)  
 ; 1 (10) 1 (40) 1 (20) 1  
 (50) (71) 1 (70) ; 1 (70)  
 (71) 2 (80) ; 2 (80) (60) (61)  
 ; 2 (80), (60) (61) 2 (100)  
 2 (111) 2 (110)  
 .

2 1 .  
 (20)가 , (10) (10) 1 1 (10) 1  
 (30)가 . 1 (20) 2 (30) (10) (10)  
 ( ) 가 1 (40) , 1 (20) (10) 1  
 (20) 1 (50) , (10)  
 (60)가 . (60) (10), 1 (20), 2 (30),  
 1 (40) 1 (50) (71) 1 (70)가 .  
 1 (70) (60)

1 (70) ( ) 가 2 (80) (90)  
 , 2 (80) (60) (61) 2  
 (100) (70) (111) 2 (80) 2 (100) 1  
 (60) (62) (61) ,  
 (10) 1 (50) .

3a 3g 1

3a (20) , (10) 1 (20) , 1  
 ( ) 2 (30) (10)  
 (20)(30) 1 (20) 2 (30)

3b ( ) 가 1 (10) , 1 (20) (10)  
 (20) 1 (50) (40) , 1 (40) 1

3c , (10) (60) (60)  
 (62) (61)

3d 1 (50) , (60) (71) (10), 1 (40), (20)(30)  
 가 (71) (70) (71)  
 , 2 (30) , 1 (70) (60) ,  
 (60)

3e (80) , 1 1 (40) ( ) 가 2  
 (90) 가

3f 2 (100) , 2 (80) (60) (61)

3g 0) , 1 , 2 (80), (61) 2 (10)  
 (70) 가 (111) (111) 가 2 (110)  
 4 2 2 , (60)  
 2

5 0) (opening)가 3 , (10) , (1  
 (opening) (11) (20)(30)  
 2 ( 2 ) .

가 .

가

가 .

가 .

(57)

1.

1 (10) , 1 (10) 1 (40) , 1 (10) 1  
 (20) , (10) 1 (20) 1 (50) , 1  
 1 (10) 가 (61) (62) 가 (60) ,  
 1 (10) 1 (40) 1 (20) 1 (50)  
 (71) 1 (70) ;

1 (70) (71) 2 (80) ,  
 2 (80) (60) (61) 2 (100) ,  
 (60) (62) (111) 2 (100) ;

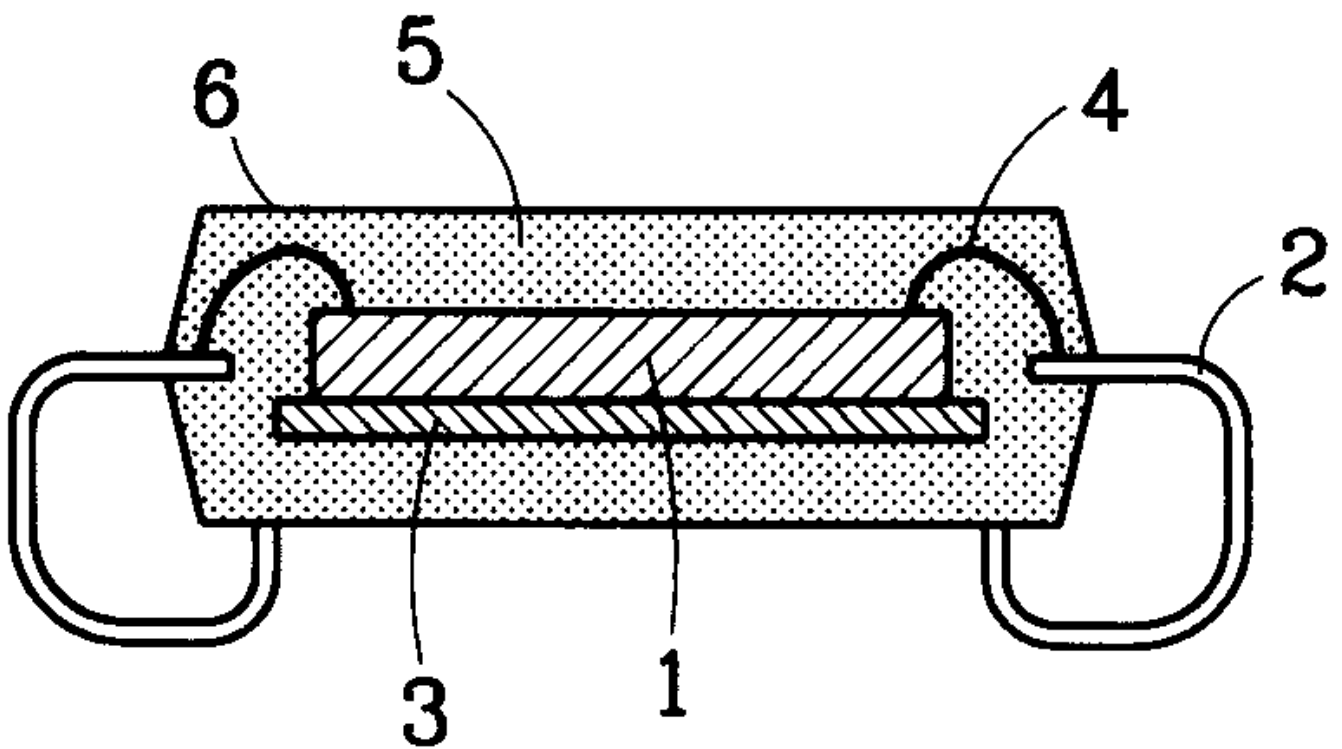
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1 , (10) 2 (30)가

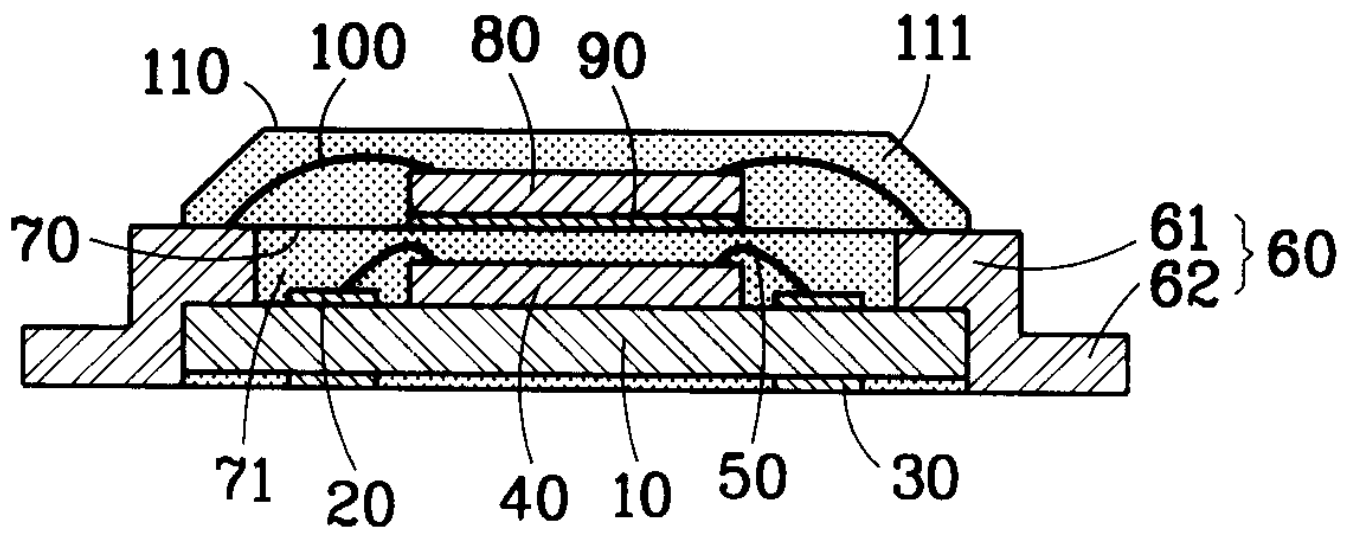
3.

(10) 1 (40) ;  
 (10) (61) (62) 가 (60) ;  
 1 (40) (60) (61) 1 (50) ;  
 1 (10) 1 (40) 1 (20) 1 (50)  
 (71) 1 (70) ;  
 1 (70) (71) 2 (80) ;  
 2 (80) (60) (61) ;  
 2 (80), (60) (61) 2 (100) 2 (111)  
 2 (110)

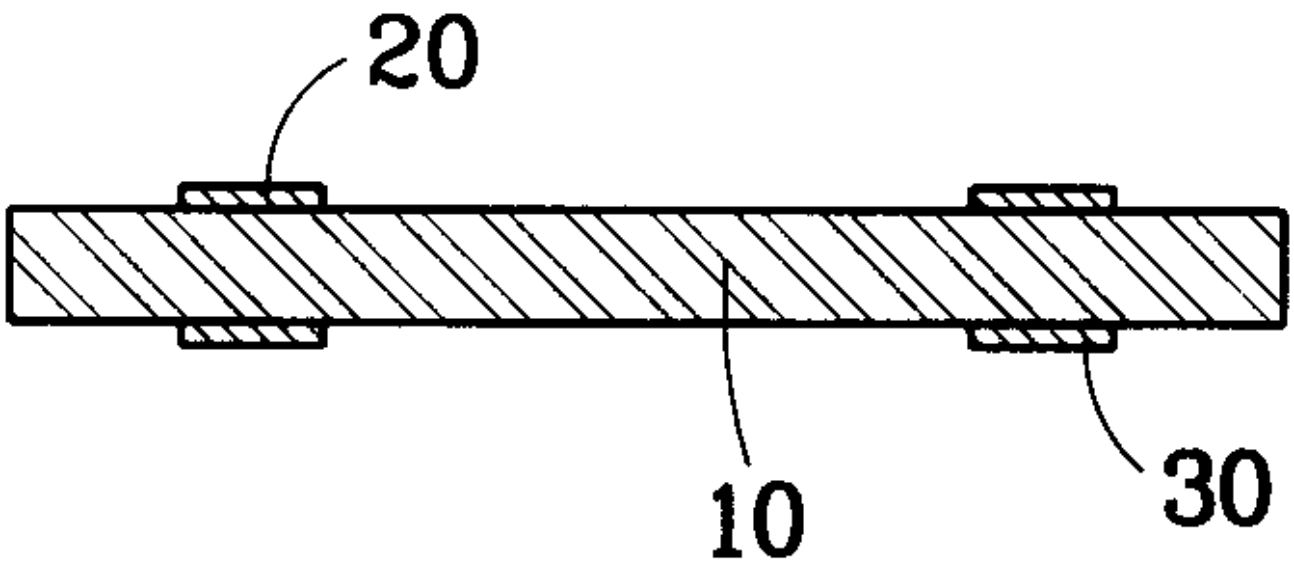
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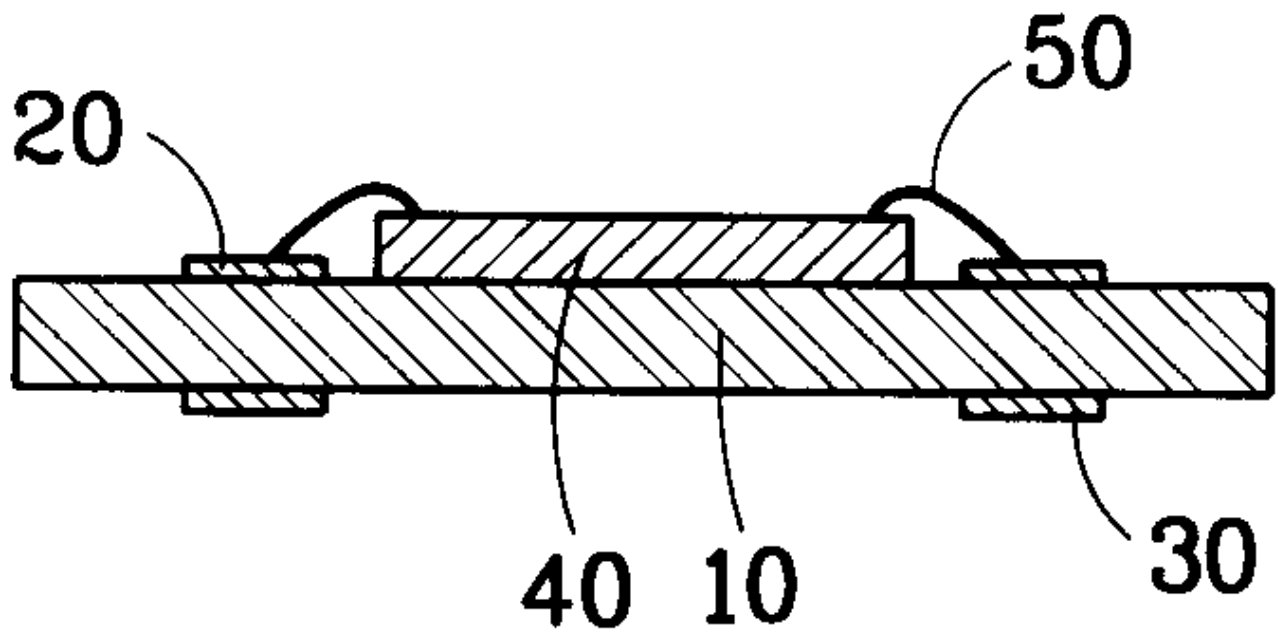
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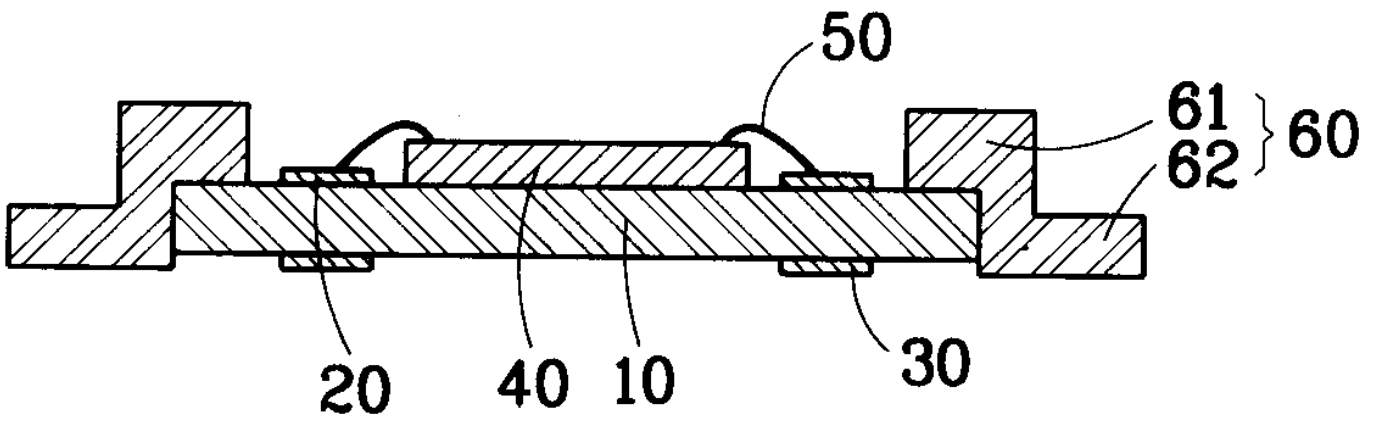
3a



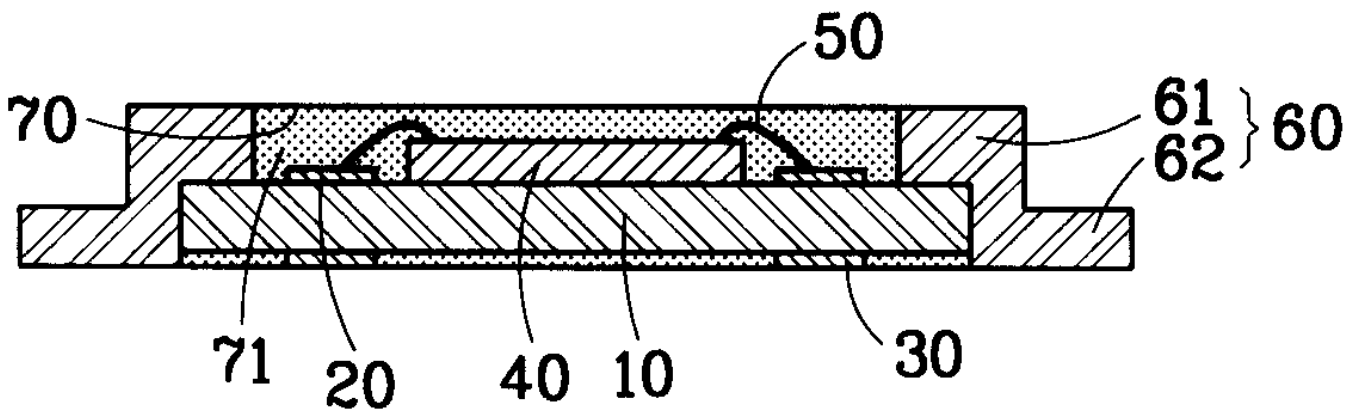
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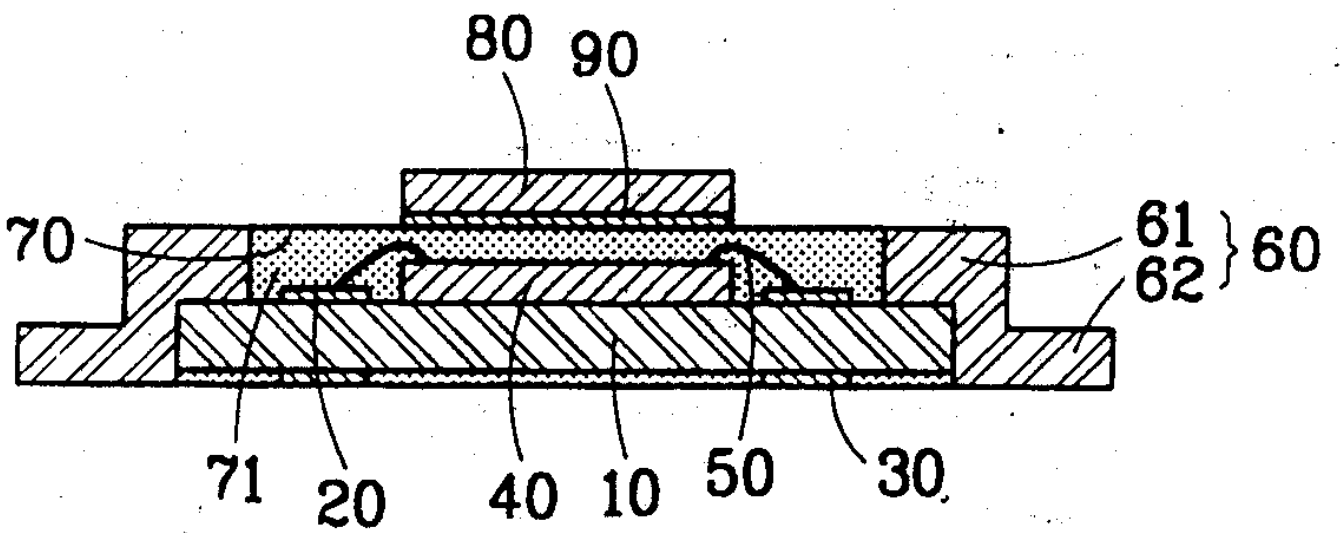
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3d

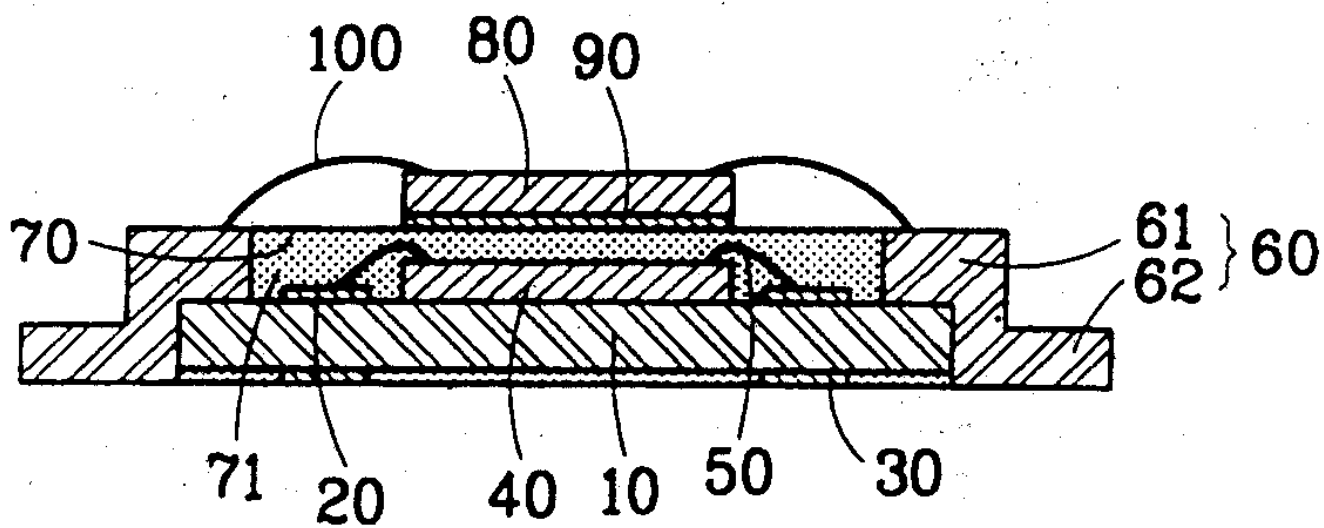


3e

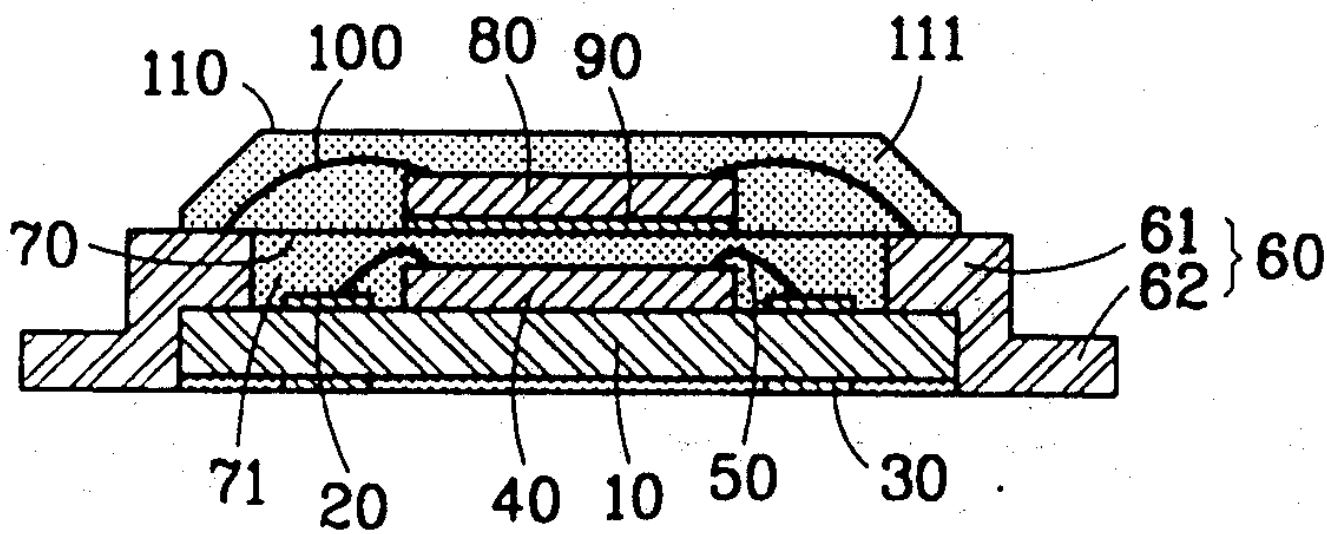




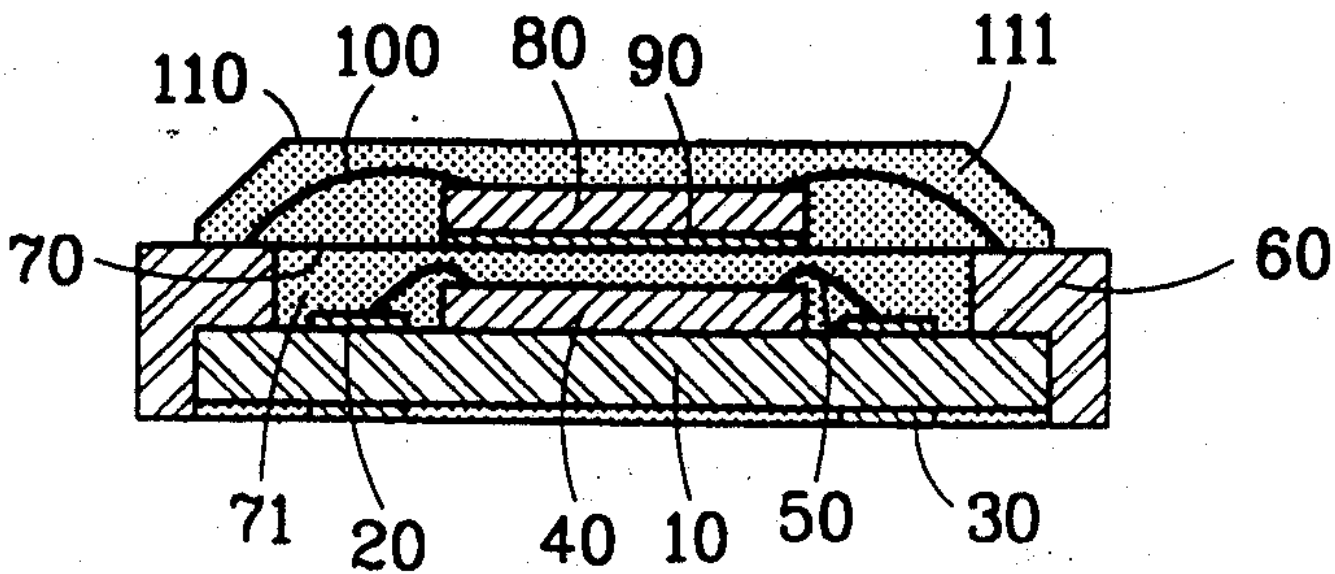
3f



3g



4



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