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(B1)

(51) 。 Int. Cl.<sup>6</sup>  
G01C 19/00

(45)  
(11)  
(24)

2004 01 24  
10-0408509  
2003 11 24

(21) 10-1996-0051833  
(22) 1996 10 31

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10-1998-0031961  
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303 603

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(54)

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가 가  
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1  
2a 2b 1 가 ,  
2a , 2b ,  
3a 3b 1 ,

3a , 3b ,  
 4 , 1 ,  
 5a 5b 4 가 ,  
 5a , 5b ,  
 6a 6b 4 ,  
 6a , 6b ,  
 7 2 ,  
 8a 8b 7 가 ,  
 8a , 8b ,  
 9a 9b 7 ,  
 9a , 9b ,  
 10 4 1 ,  
 11 7 2 ,  
 12 23 .

< >  
 101. 가 102. (comb)  
 103. 104.  
 105.  
 201a, 201b. 202a, 202b, 202c.  
 203.  
 205. 206.  
 207. 208.  
 301a, 301b, 301c. 302a, 302b, 302c, 302d..  
 302a, 302b, 302c, 302d. 304. 가  
 305. (comb)  
 302. 307.

1990 가 , 가  
 , ), 1990 (ABS, Navigatinon), (VR Header ,3D Mouse) 가 가 ( 가  
 (micro-machining technology) , , 가  
 ( , Catheter ) (Plant)  
 가  
 1990 US Bekeley W.C Tang R.T Howe (Laterally driven comb  
 type resonator; US 2,025,346)가 (Resonator)  
 (Device) . 1992 CSDL(Charles Stark Draper Laboratory)  
 (Resonator) (US5,349,859)  
 CSDL 1 . 가 (101) 가  
 (comb) (102) ( )가 (103) x  
 e) z 가 (103) z ( )가 2×m× xv (coliolis forc  
 (105) (103) (103) (105) (104)  
 (103) (105)  
 (103) 가 , 가 , (103)  
 (103) 가 .





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1 3. , 가 ,

1 4. 3 ,

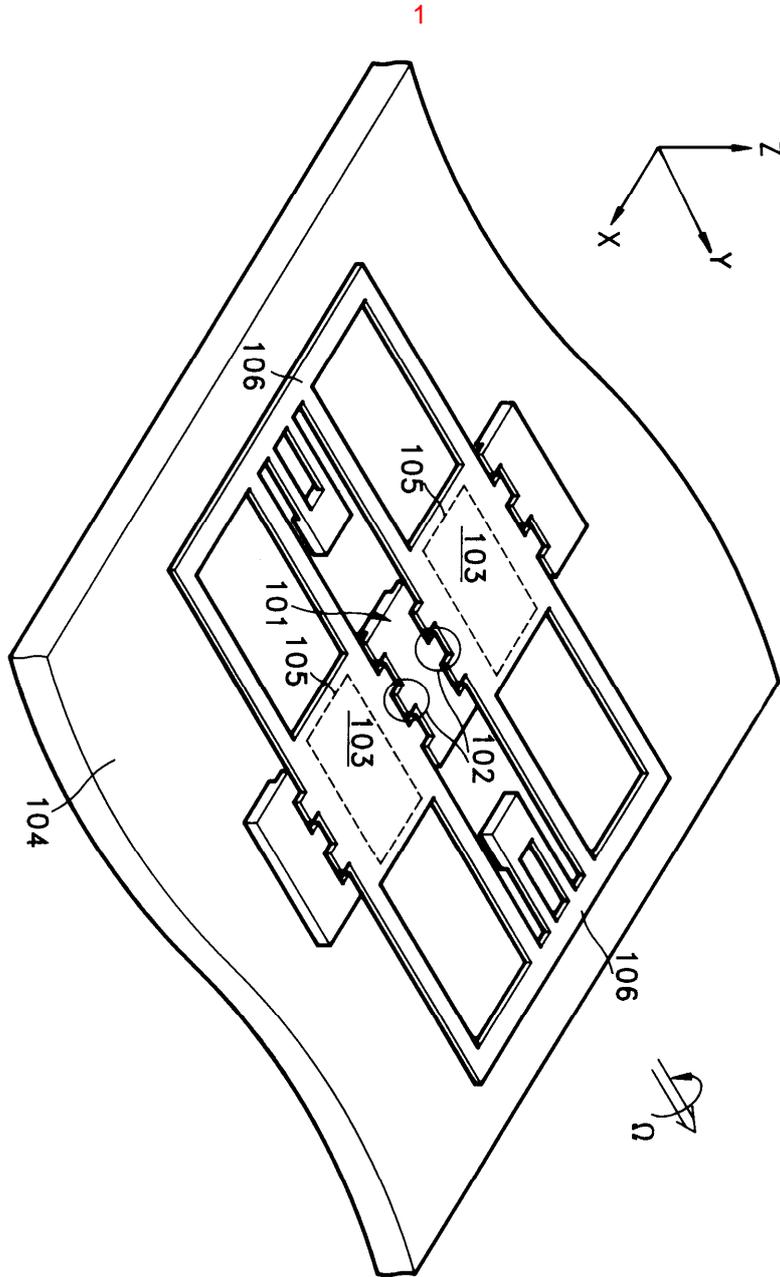
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6 7. , 가

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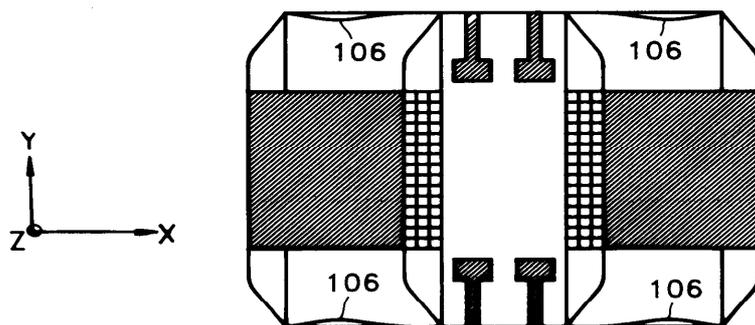
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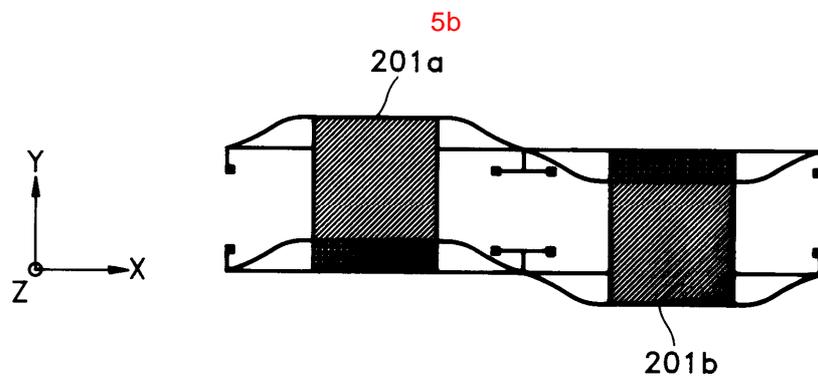
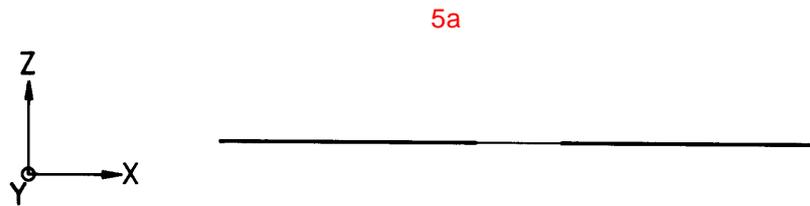
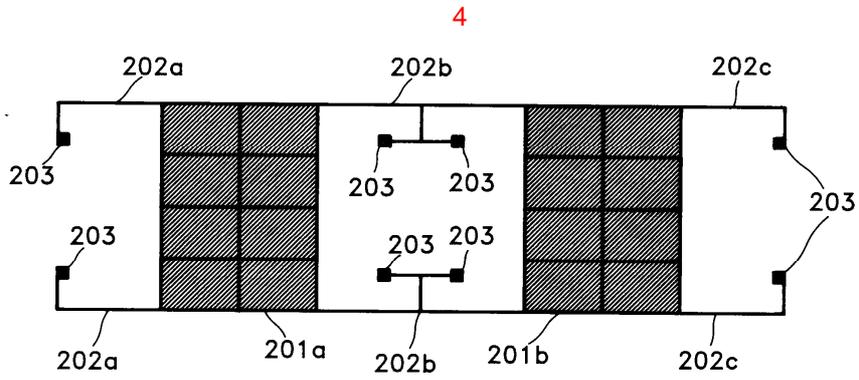
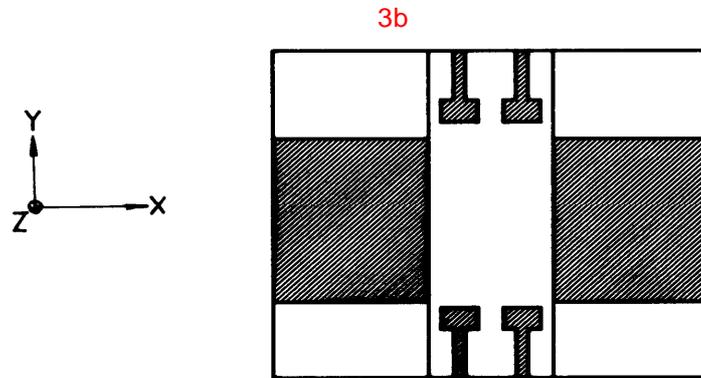
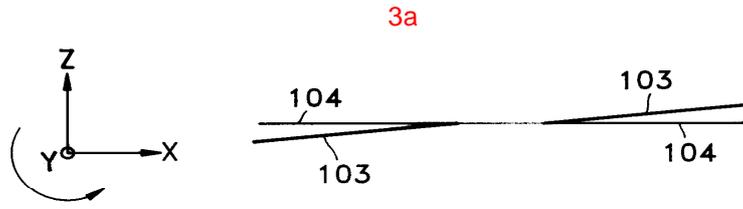


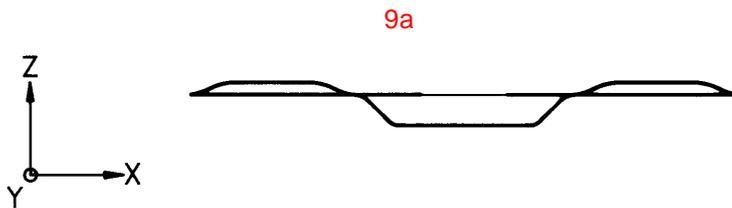
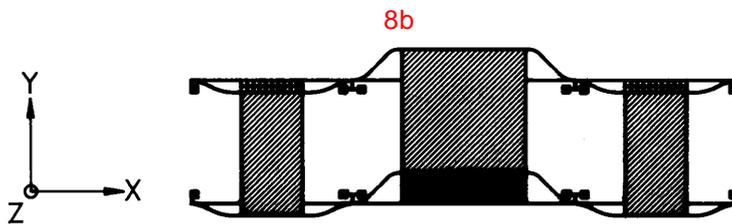
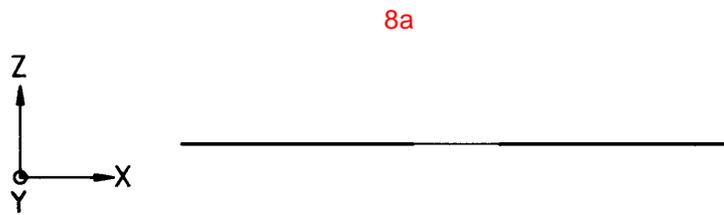
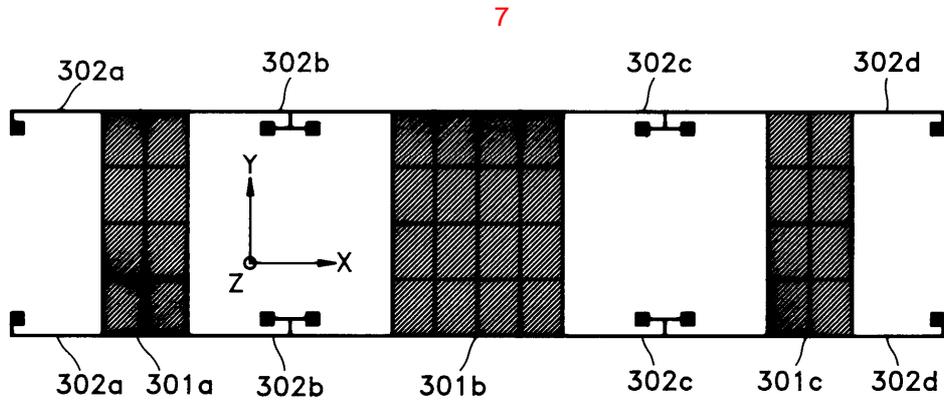
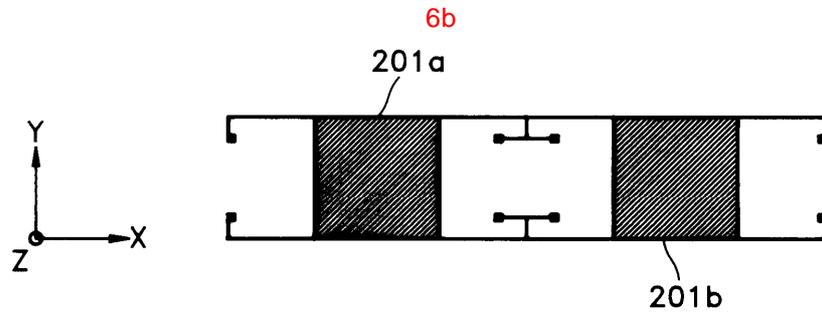
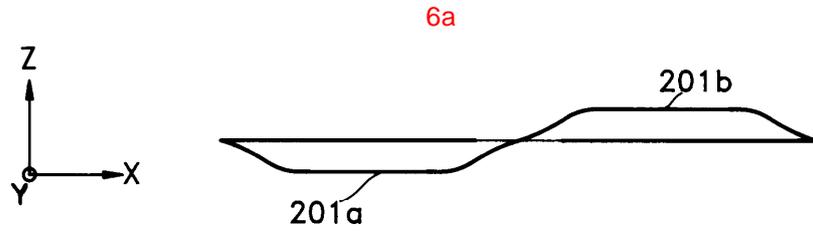
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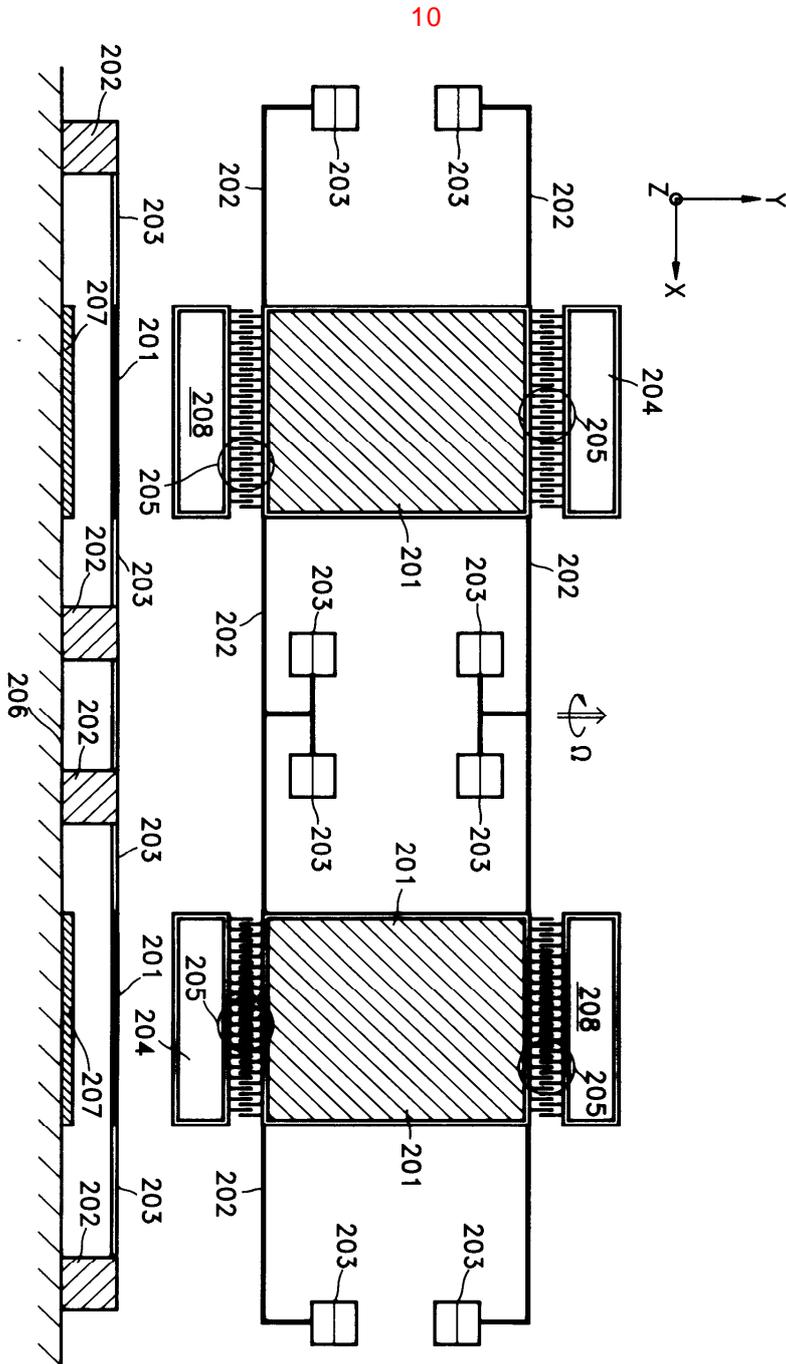
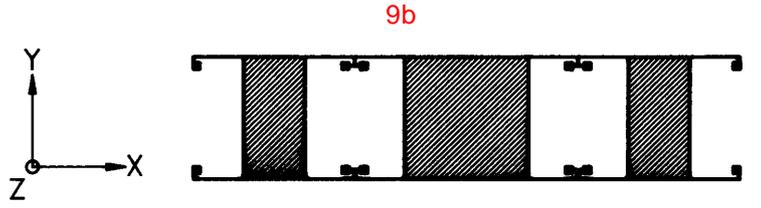


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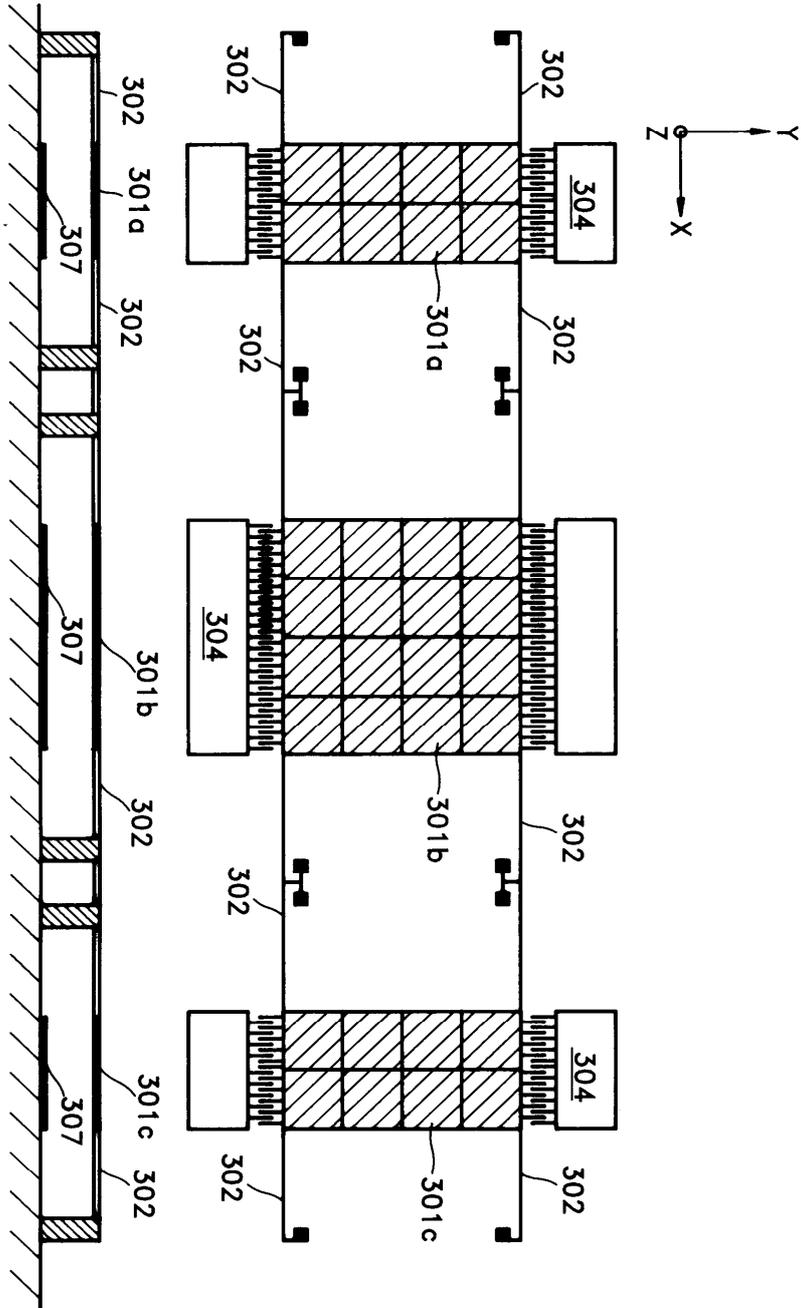




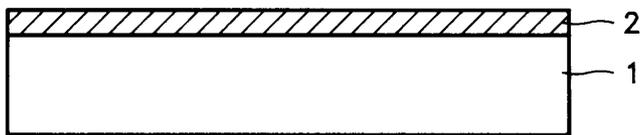




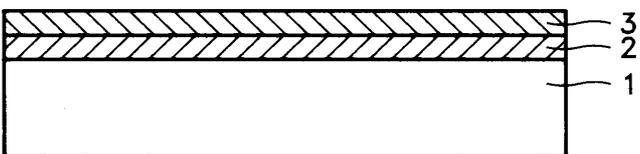
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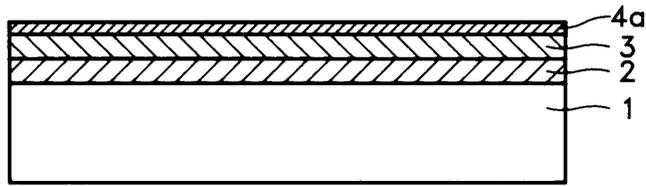
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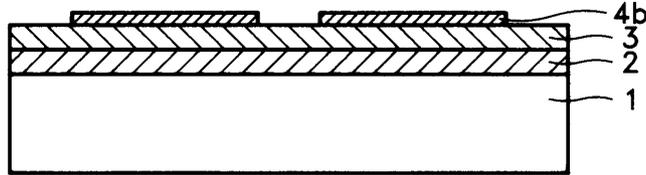
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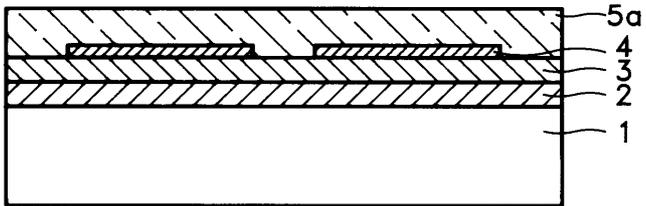
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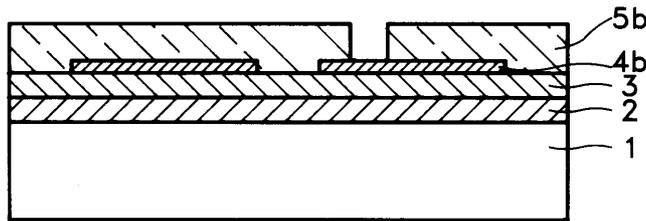
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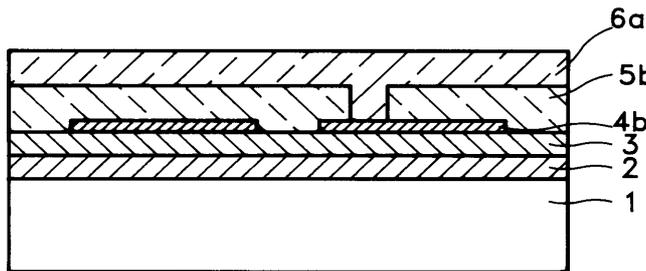
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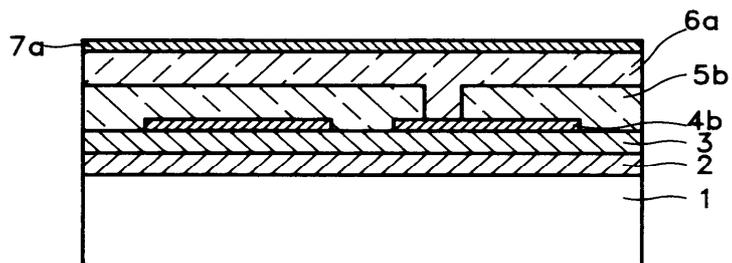
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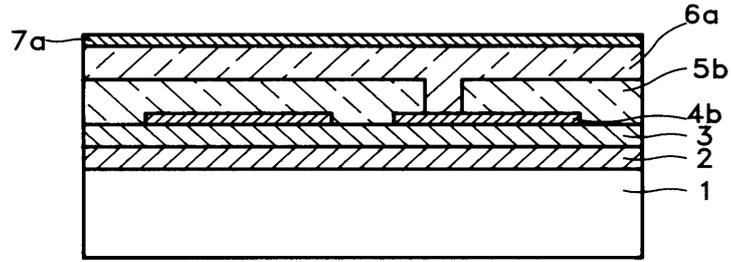
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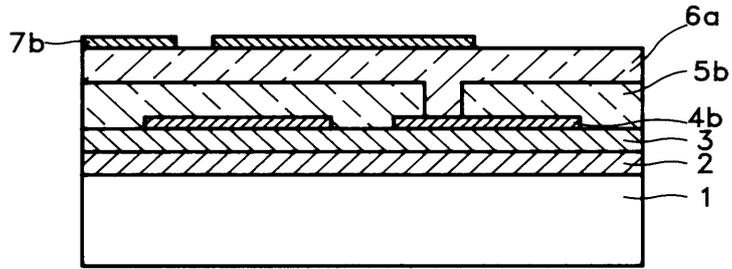
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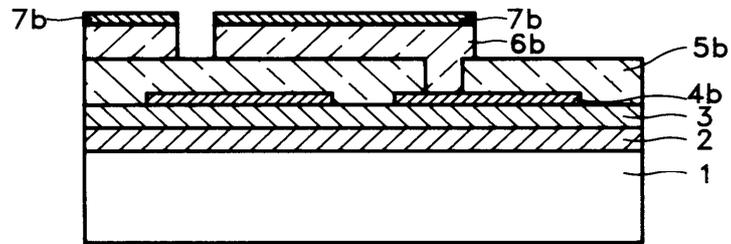
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