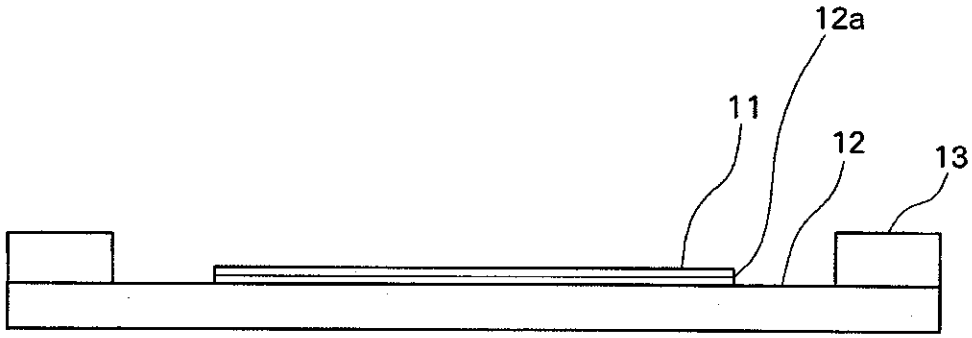


FIG. 1

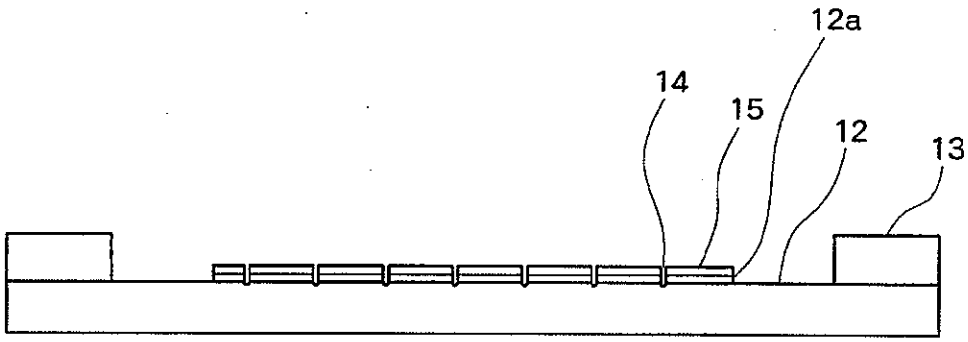


FIG. 2

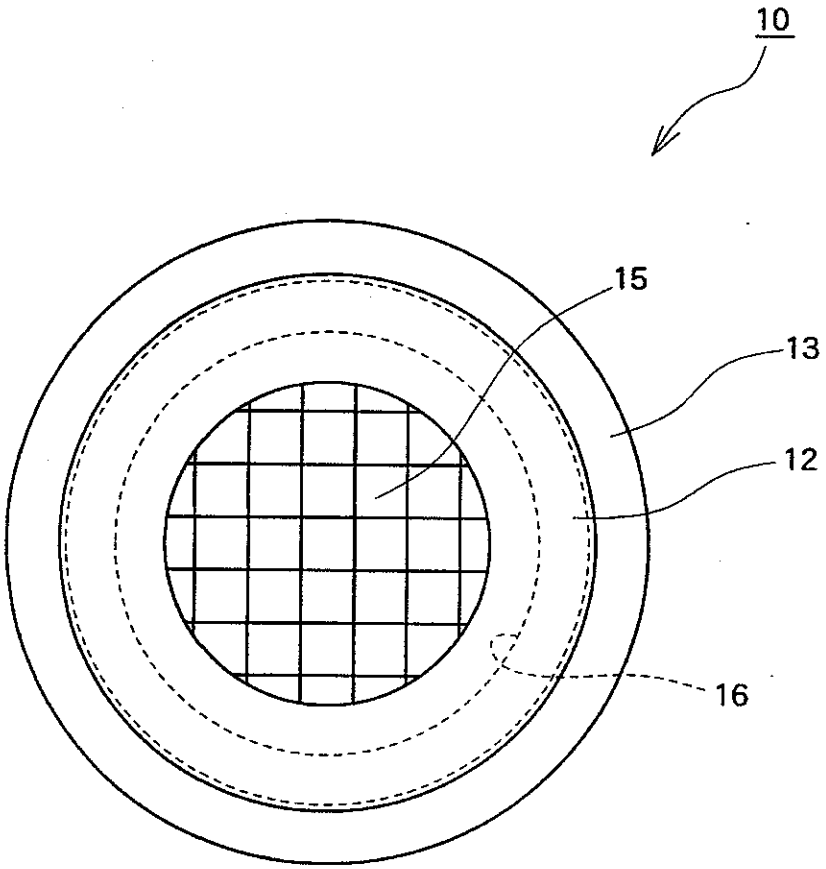


FIG. 3 (a)

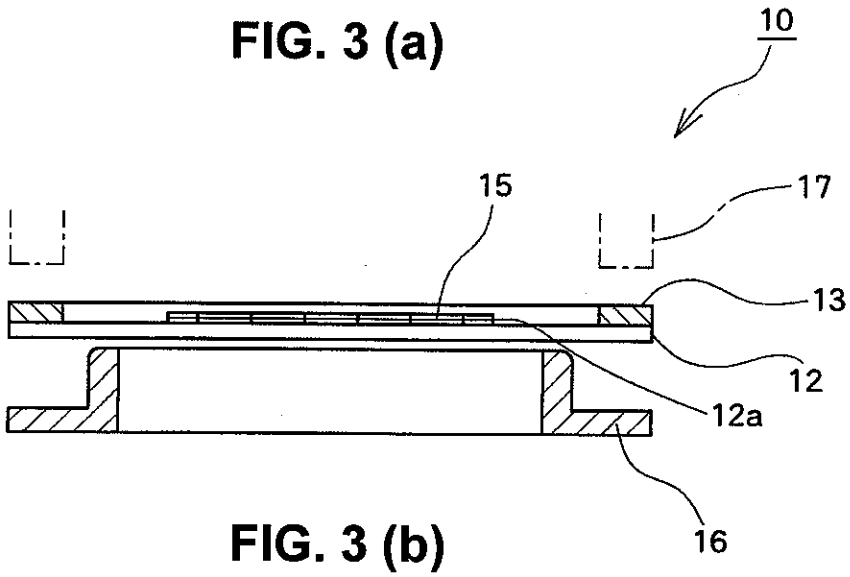


FIG. 3 (b)

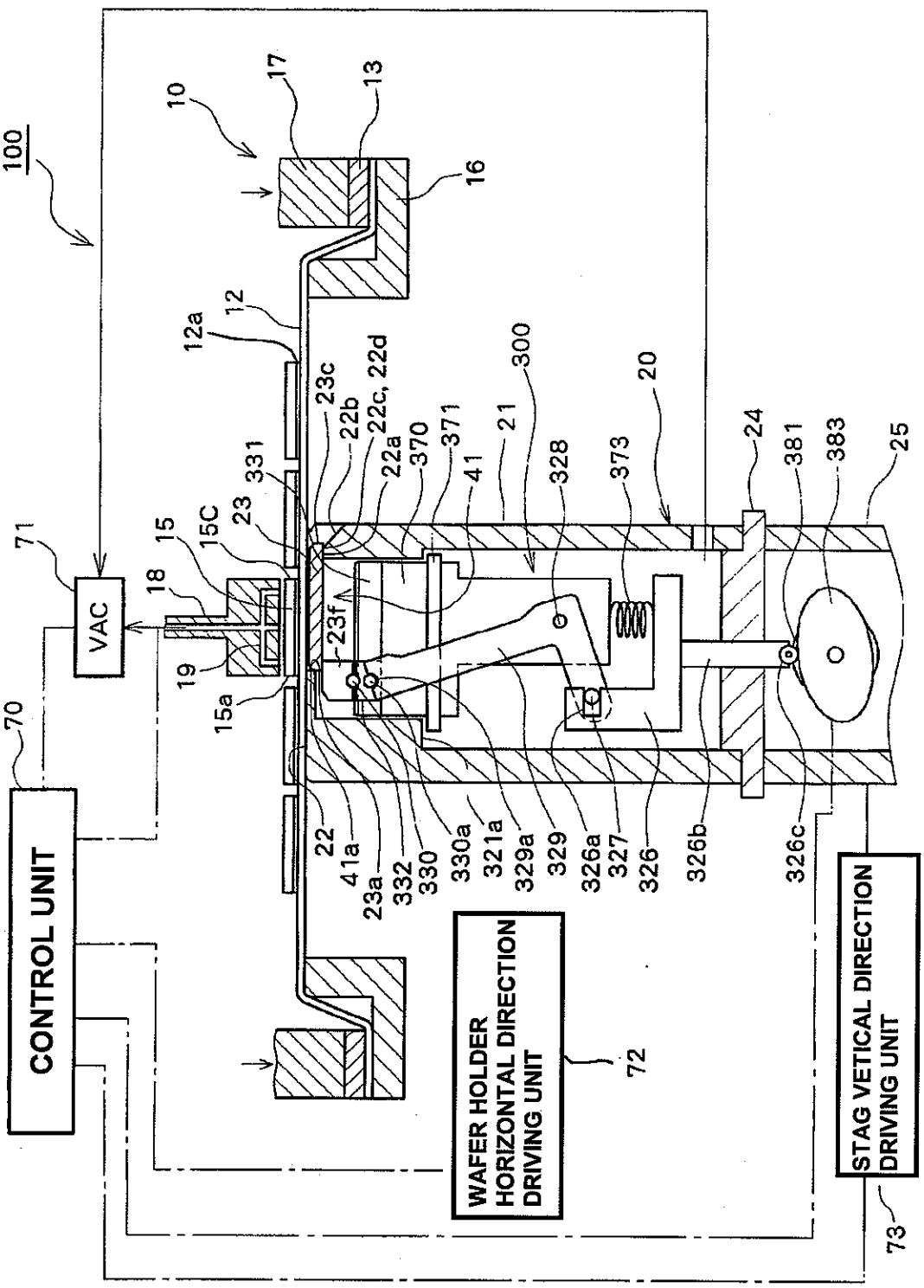

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300
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373
20
24
381
383
25
331
23
15C
15
71
VAC
18
19
15a
23f
70
CONTROL UNIT
22
41a
23a
332
330
330a
321a
329a
329
326a
327
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326b
326c
WAFER HOLDER HORIZONTAL DIRECTION DRIVING UNIT
72
STAG VETICAL DIRECTION DRIVING UNIT
73

FIG. 4

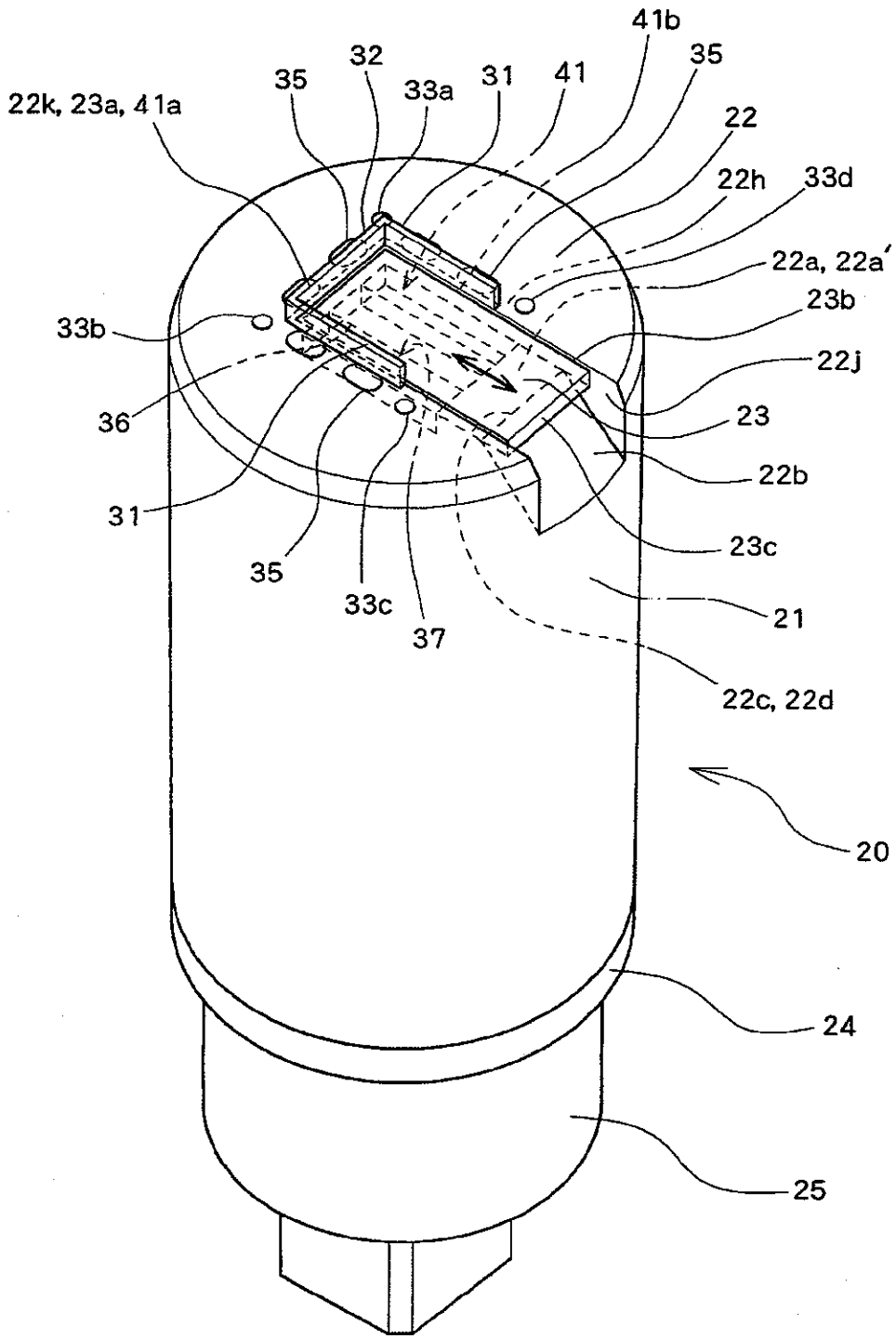

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33a
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22h
33d
22a, 22a'
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22j
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23c
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33c
37
21
22c, 22d
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24
25

FIG. 5

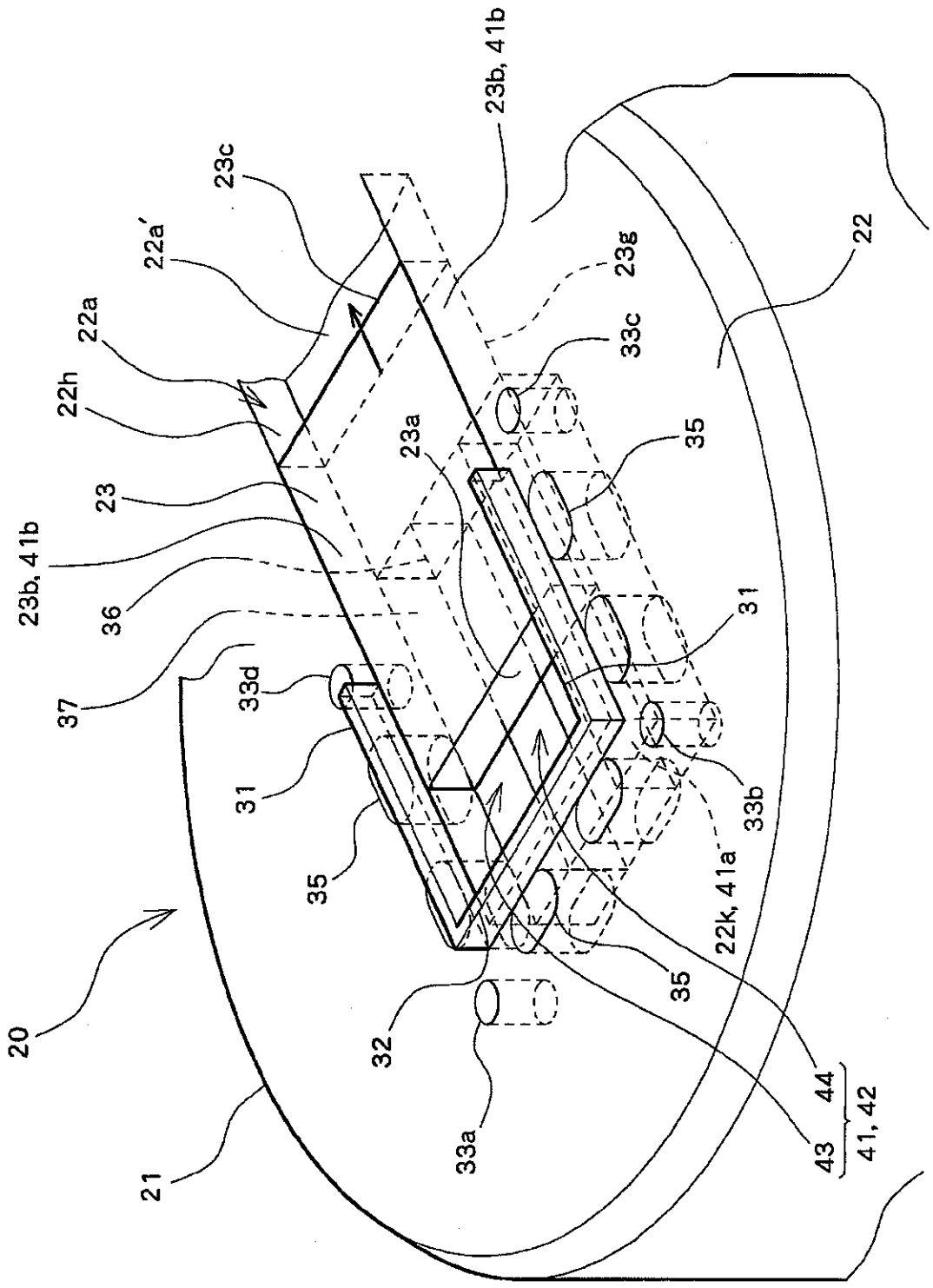

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22k, 41a
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41, 42

FIG. 6

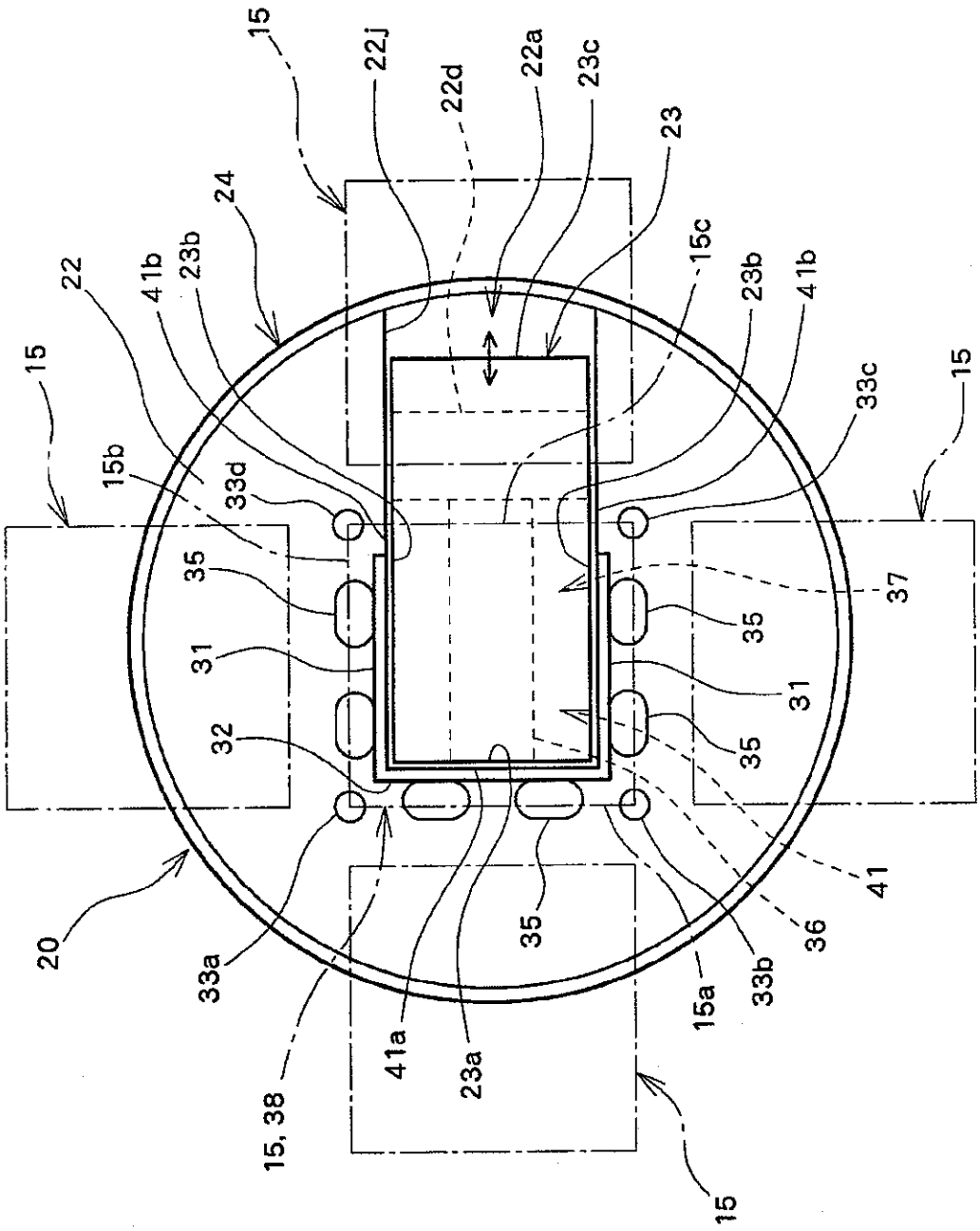

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FIG. 7

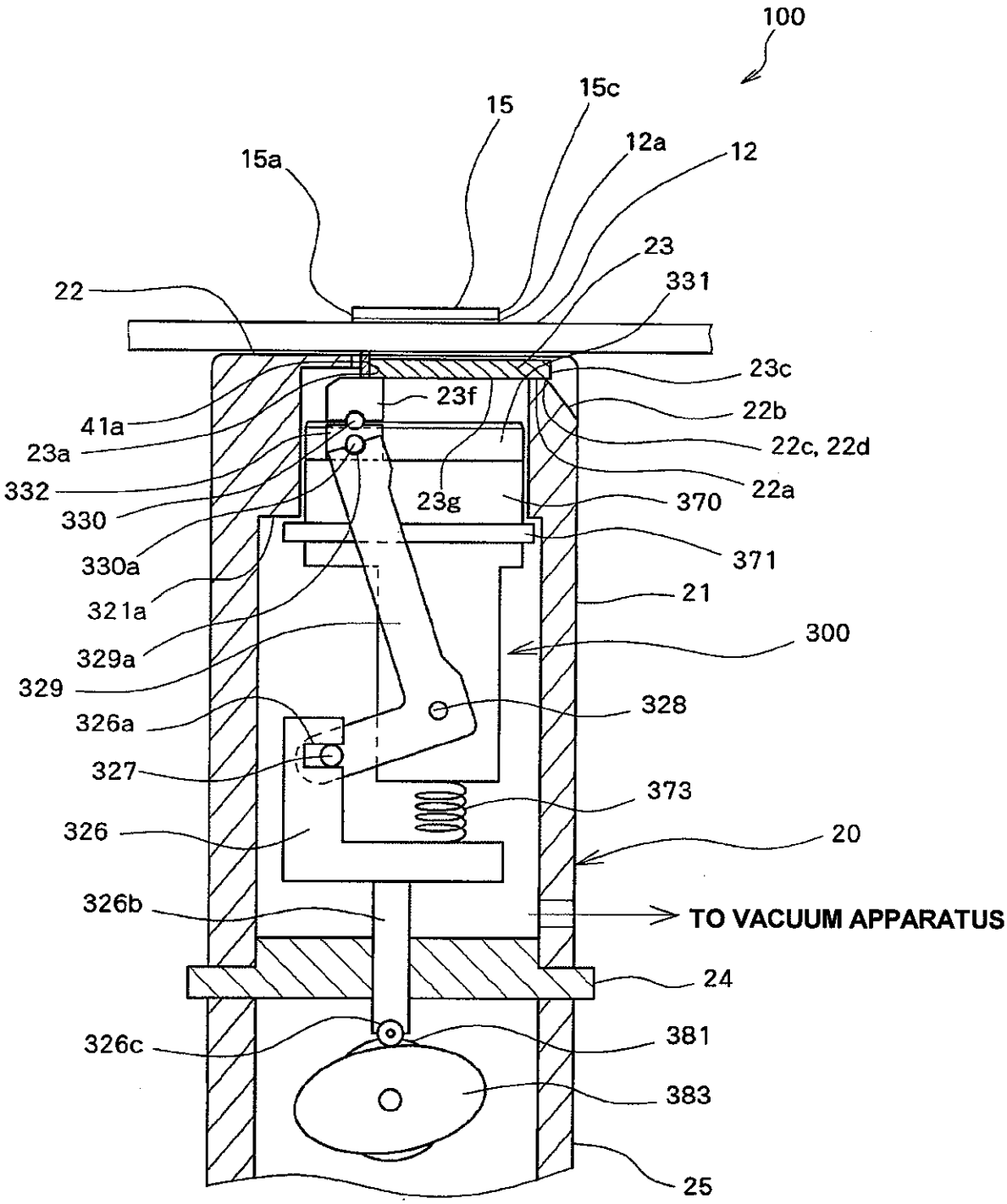

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22c, 22d
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332
23g
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330
371
330a
21
321a
300
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326b
TO VACUUM APPARATUS
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326c
381
383
25

FIG. 8

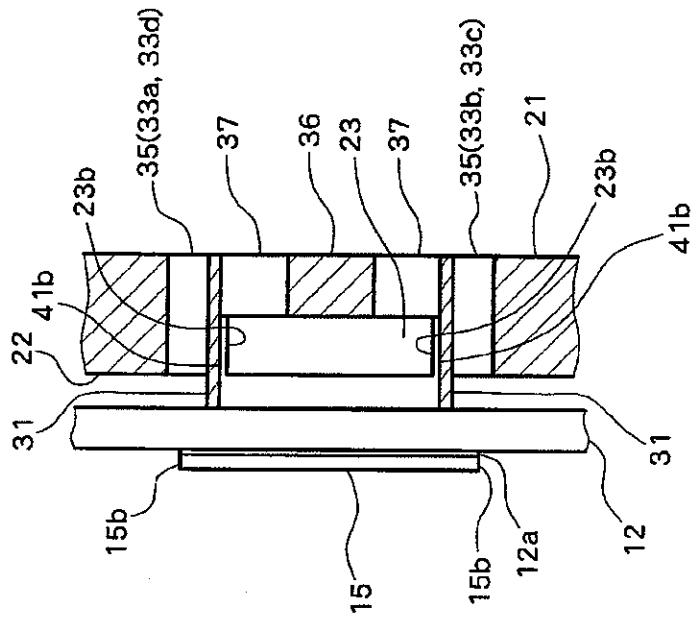


FIG. 9 (c)

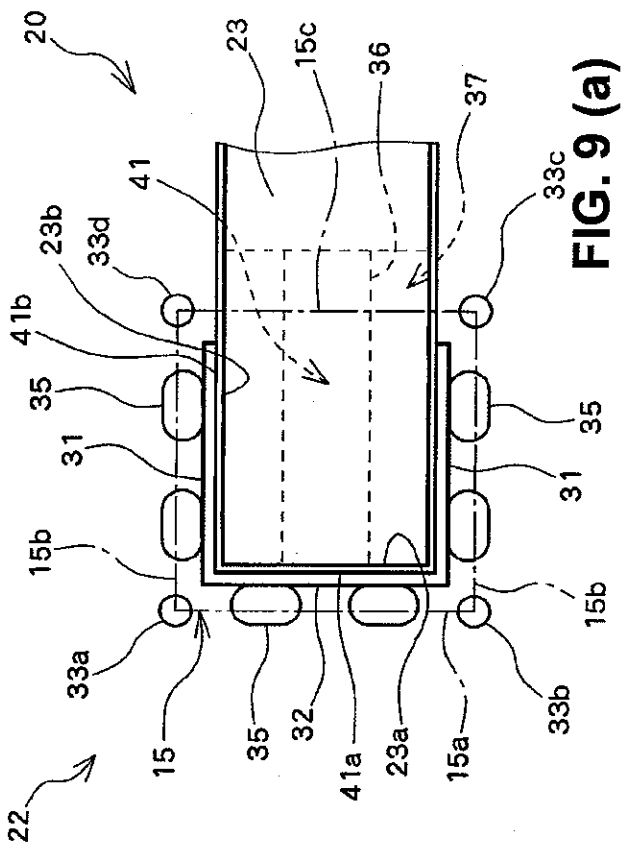


FIG. 9 (a)

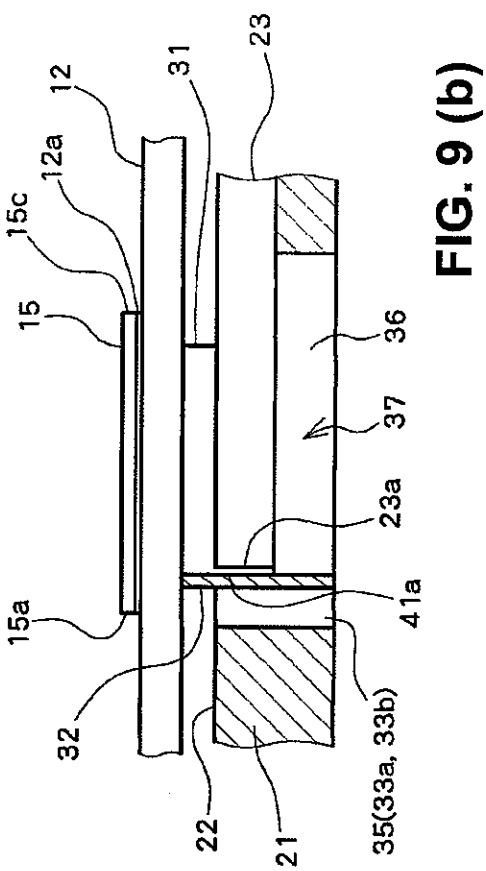


FIG. 9 (b)

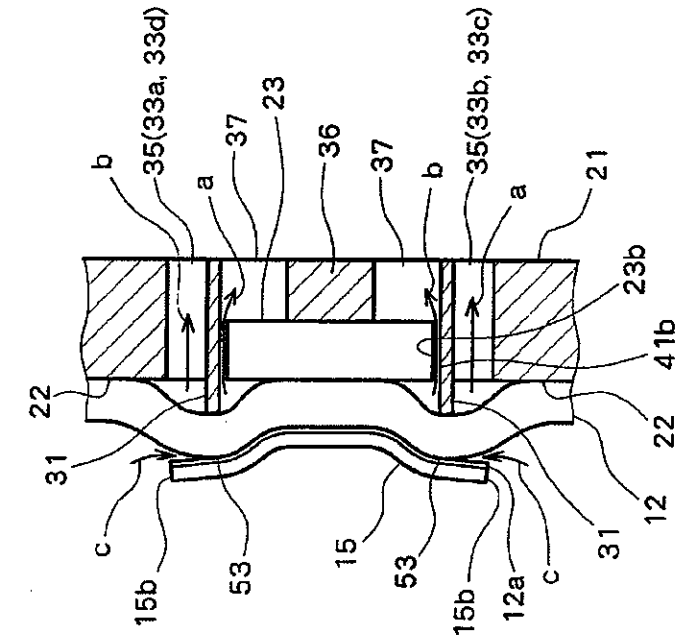


FIG. 10 (c)

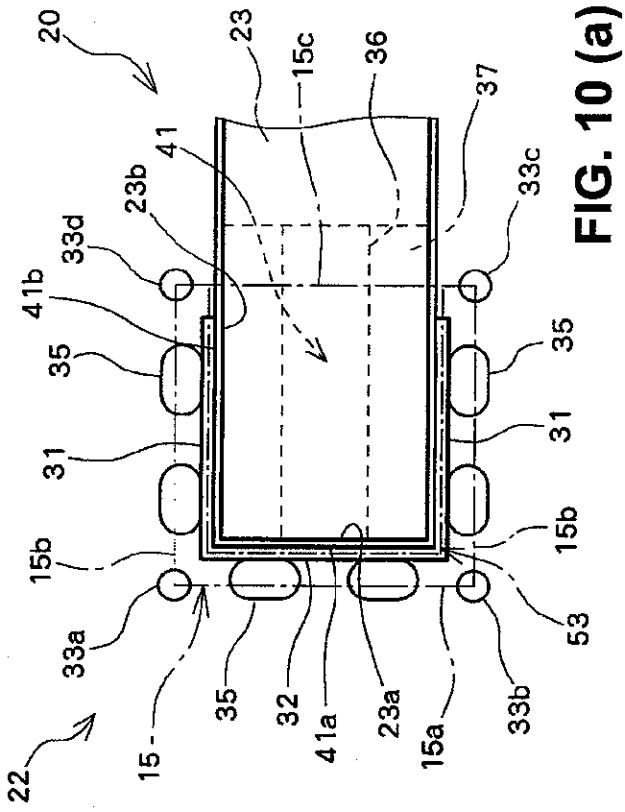


FIG. 10 (a)

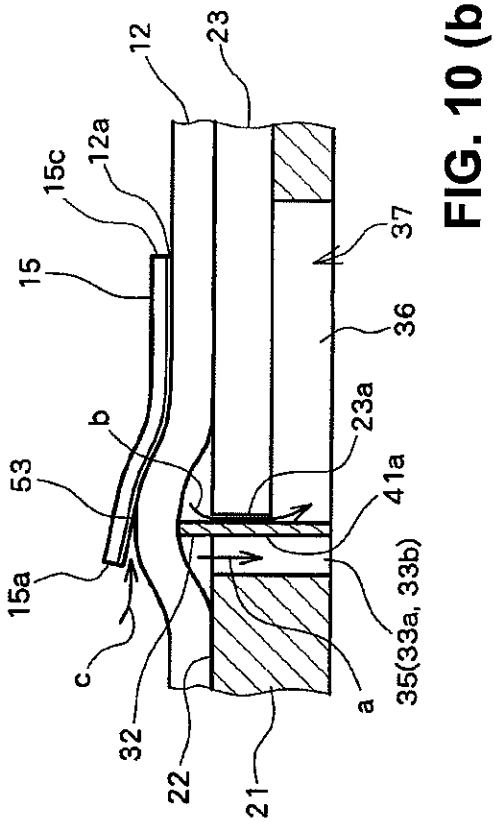


FIG. 10 (b)

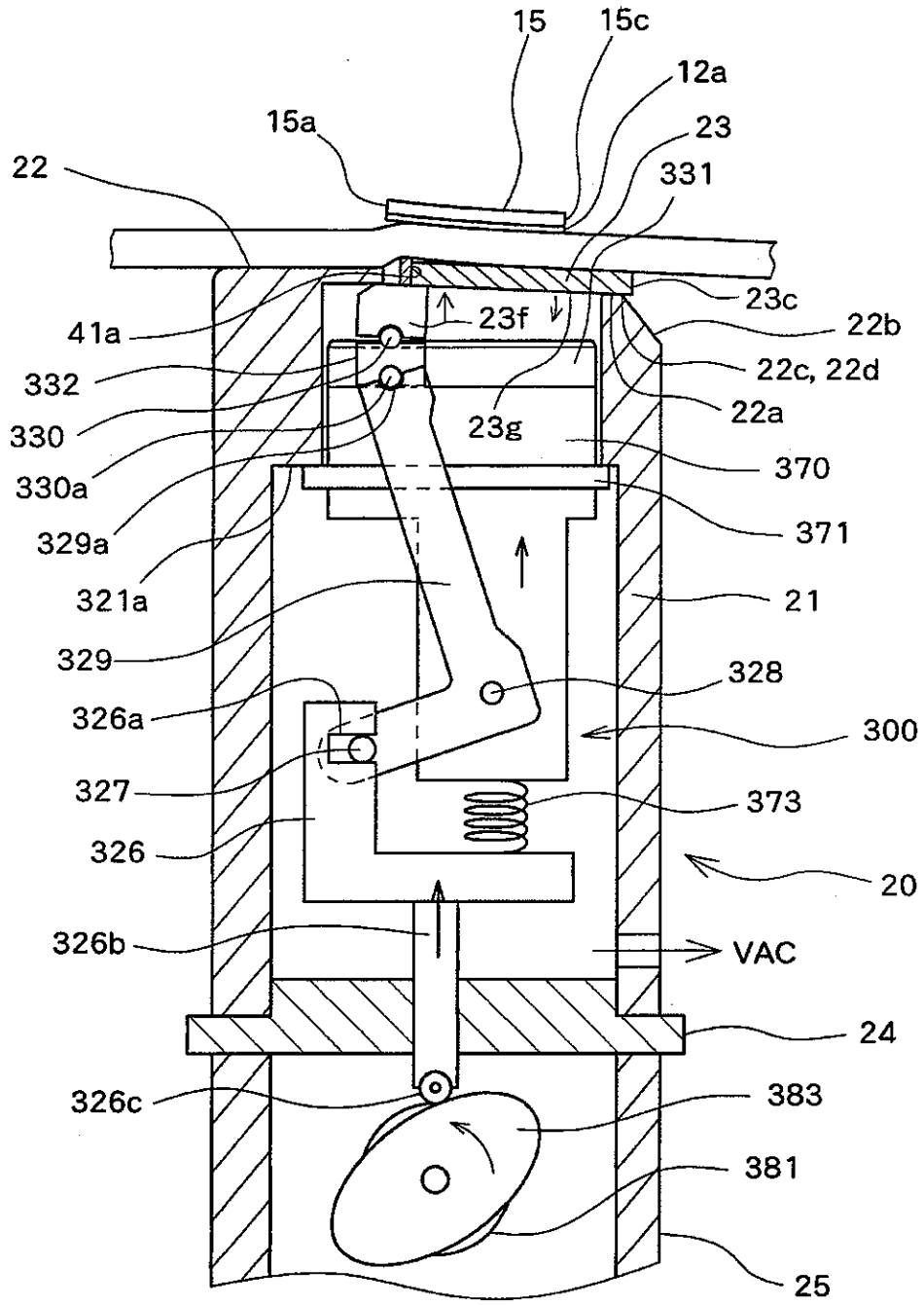

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326c
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FIG. 11

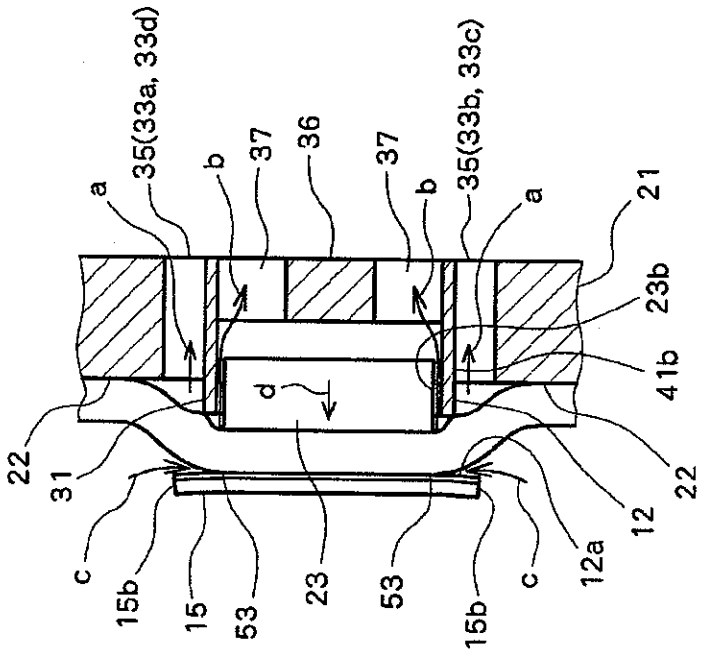


FIG. 12 (c)

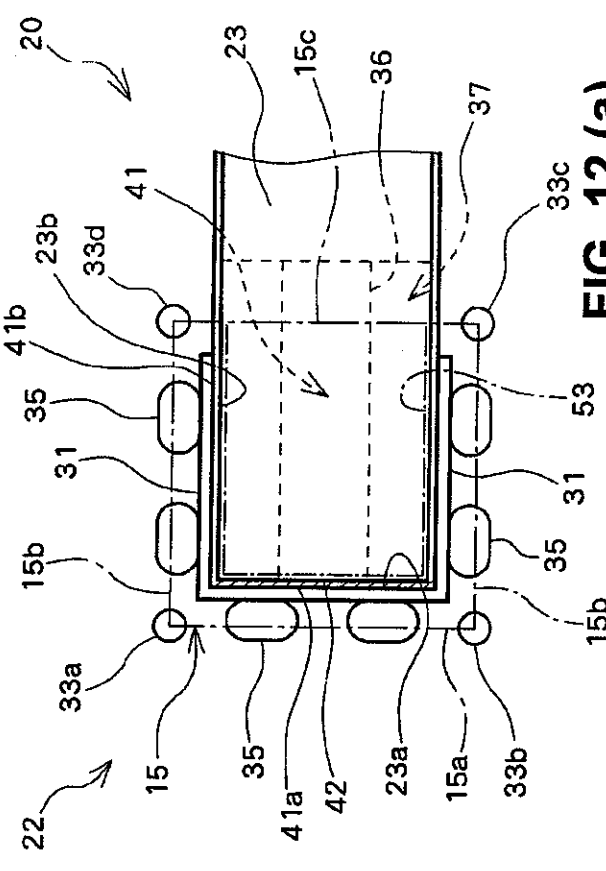


FIG. 12 (a)

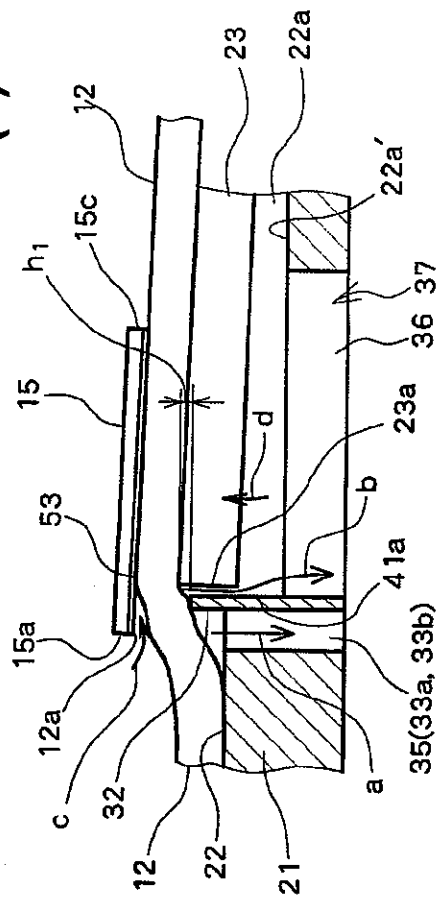


FIG. 12 (b)

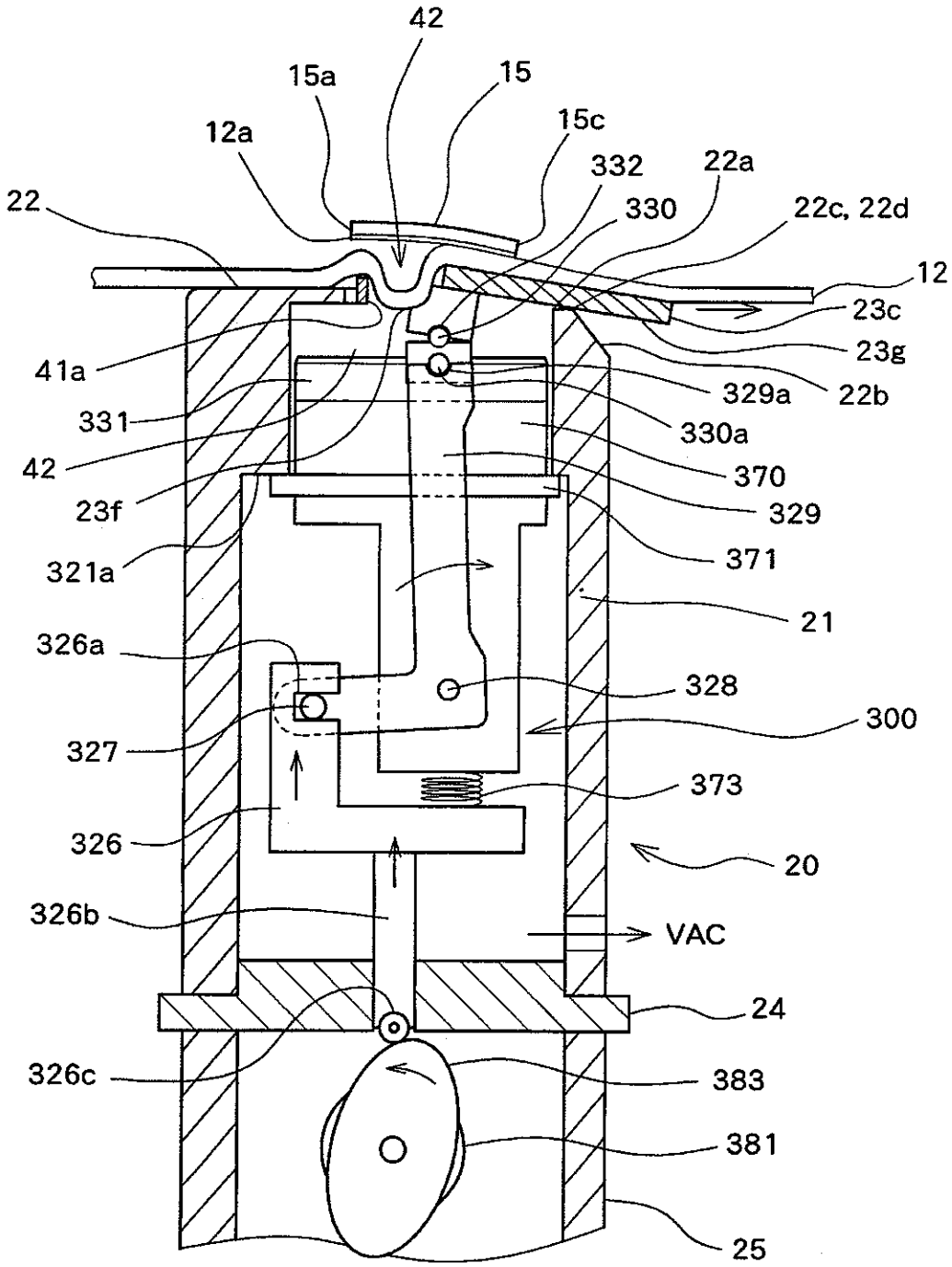

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VAC
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FIG. 13

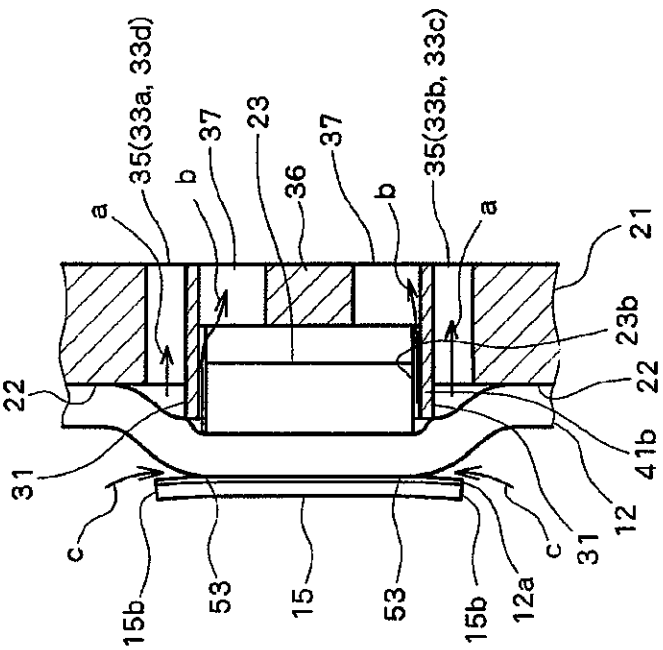


FIG. 14 (c)

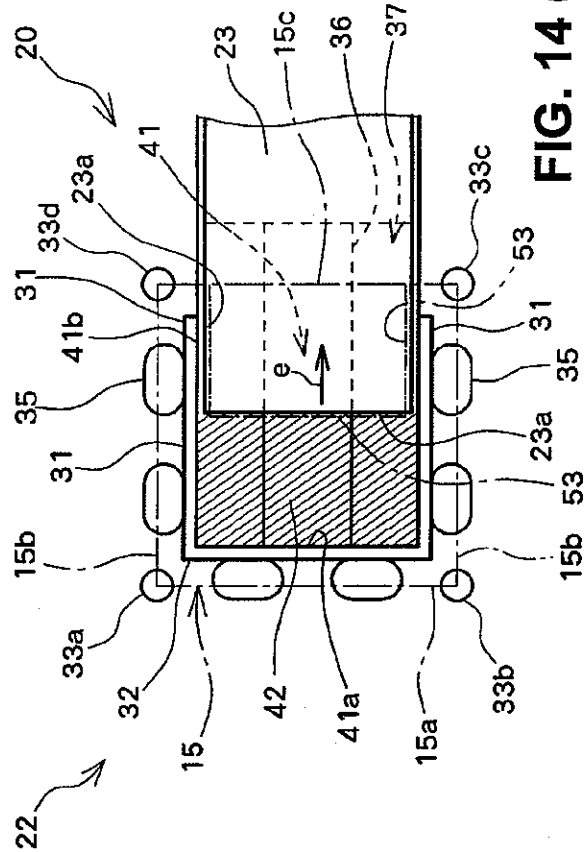


FIG. 14 (a)

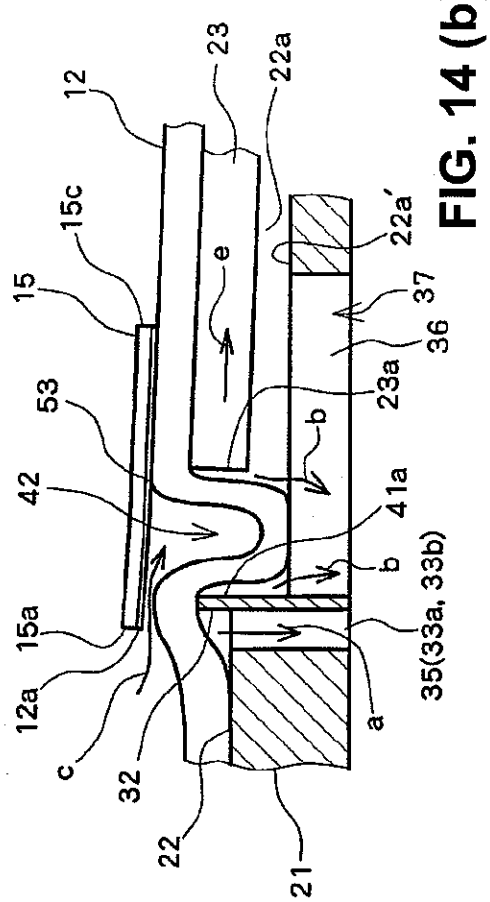


FIG. 14 (b)

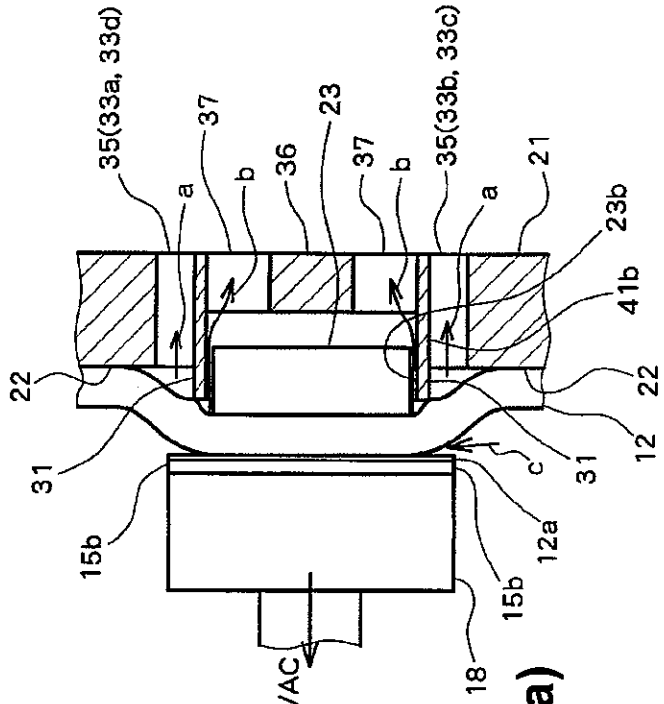


FIG. 15 (a)

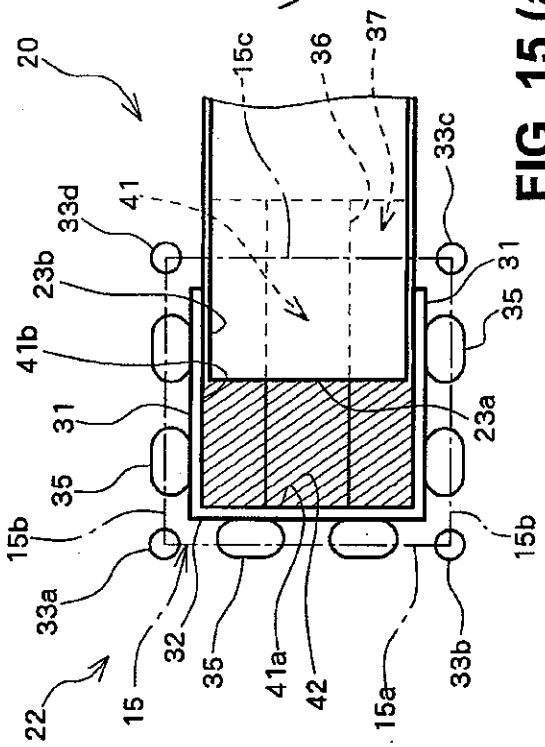


FIG. 15 (b)

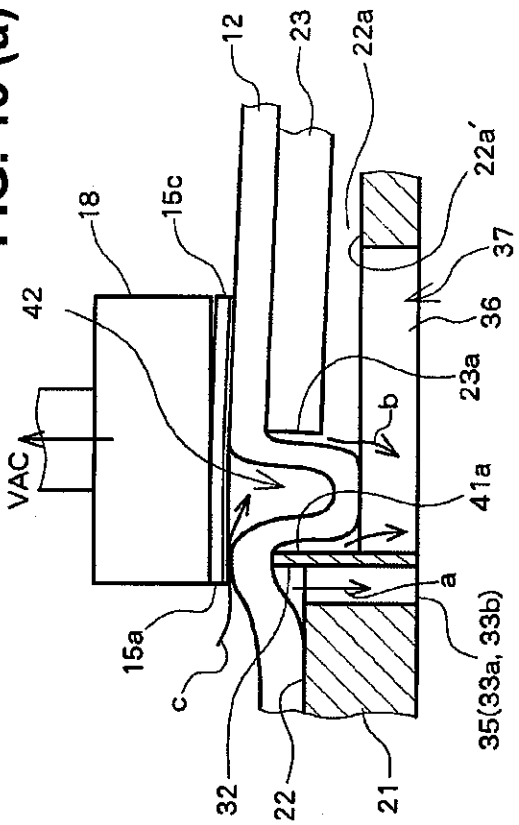


FIG. 15 (c)

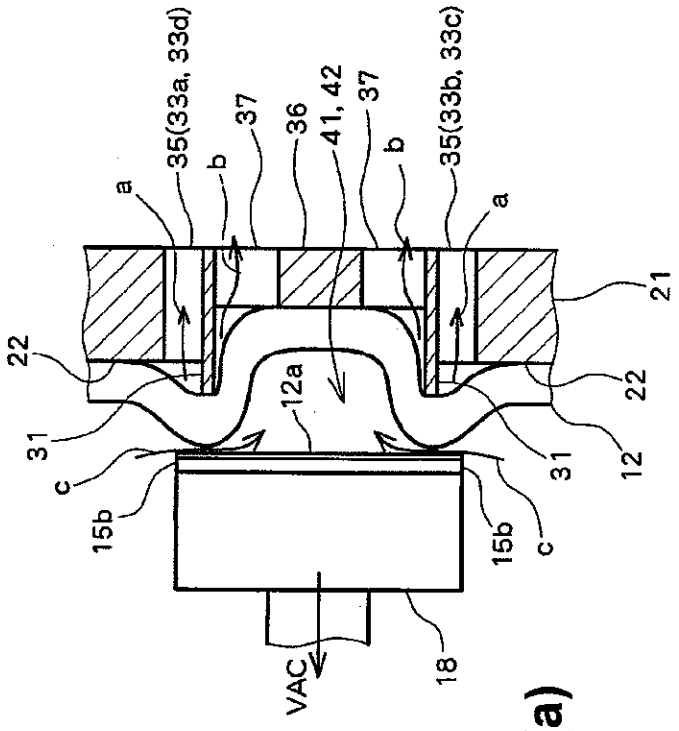


FIG. 16 (c)

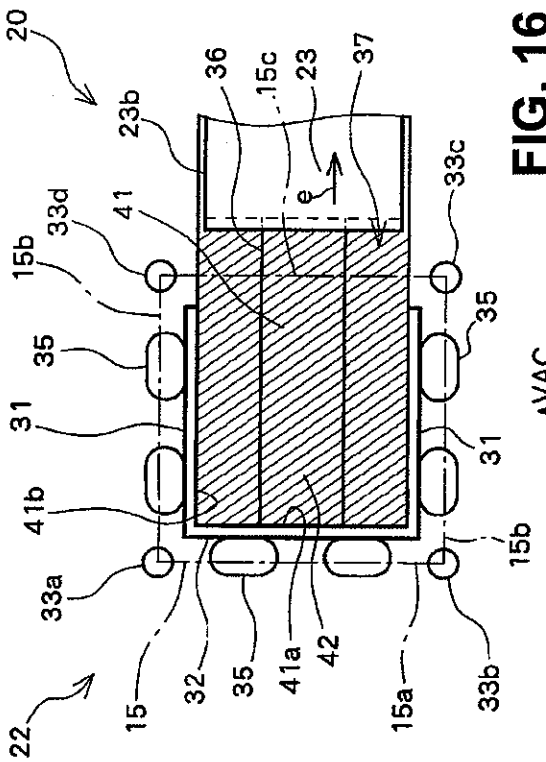


FIG. 16 (a)

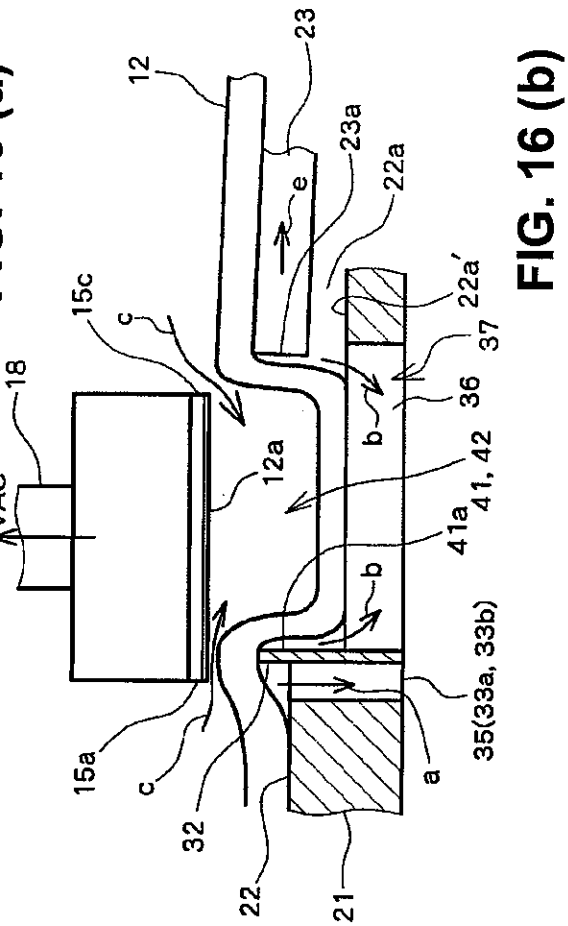


FIG. 16 (b)

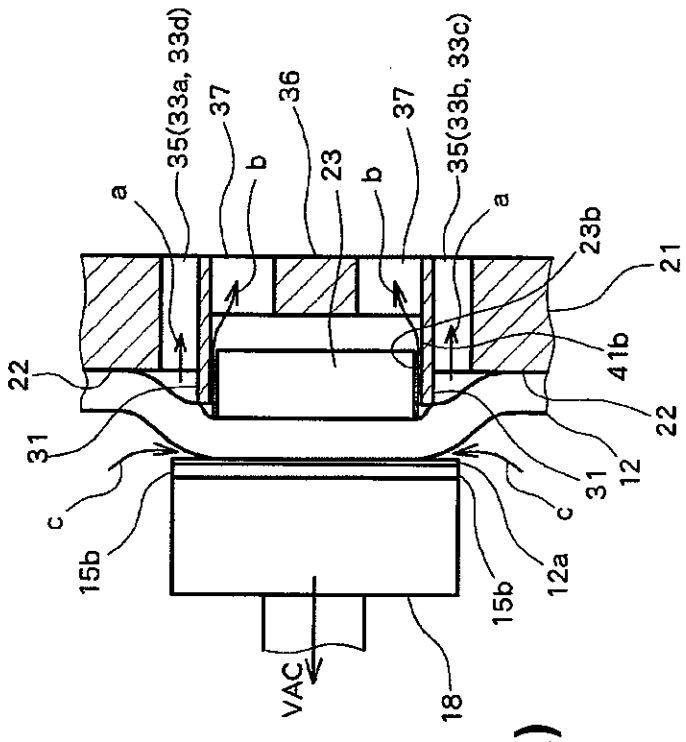


FIG. 17 (c)

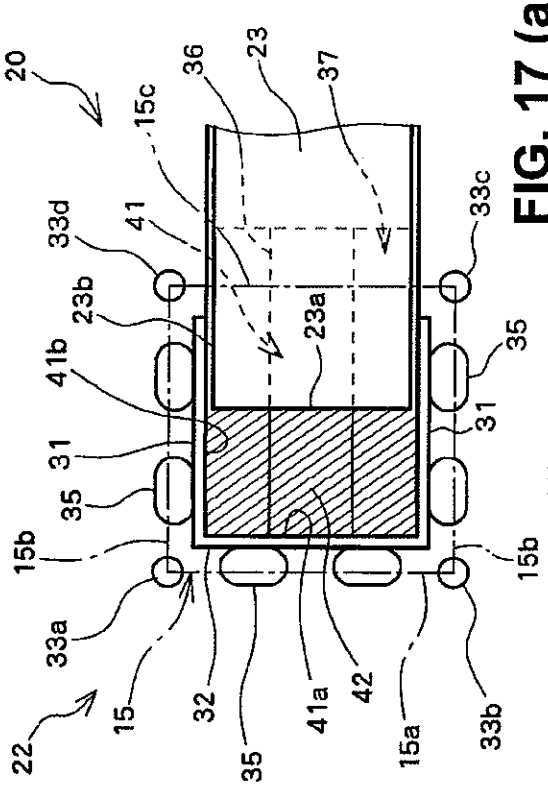


FIG. 17 (a)

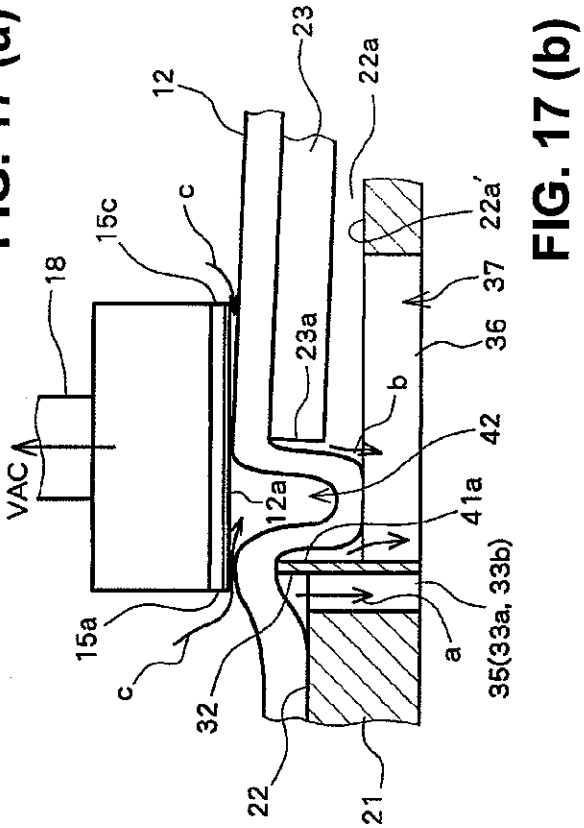


FIG. 17 (b)

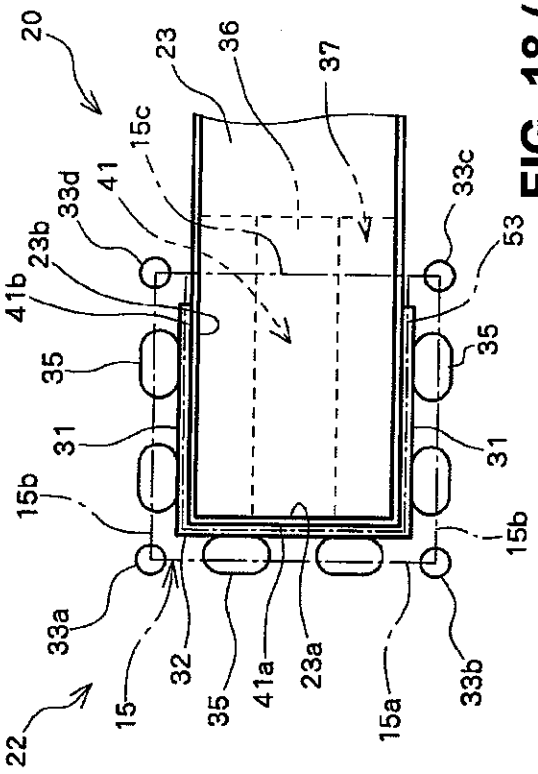


FIG. 18 (a)

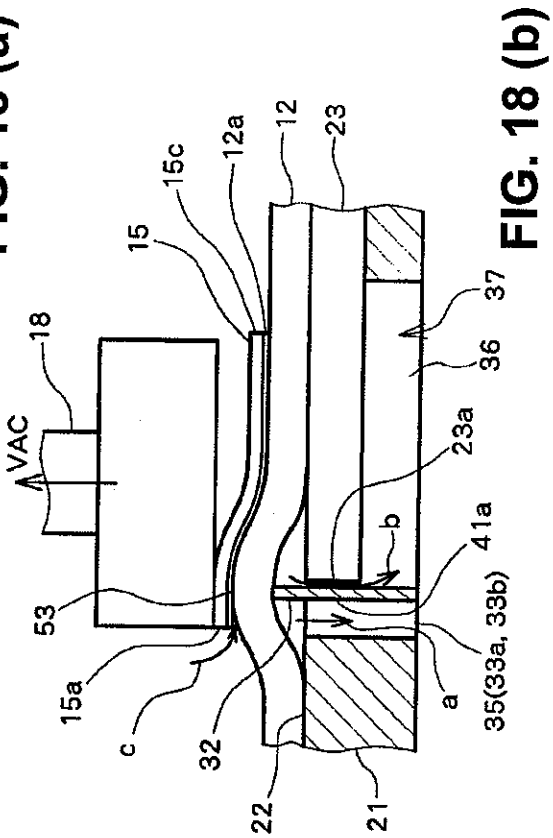


FIG. 18 (b)

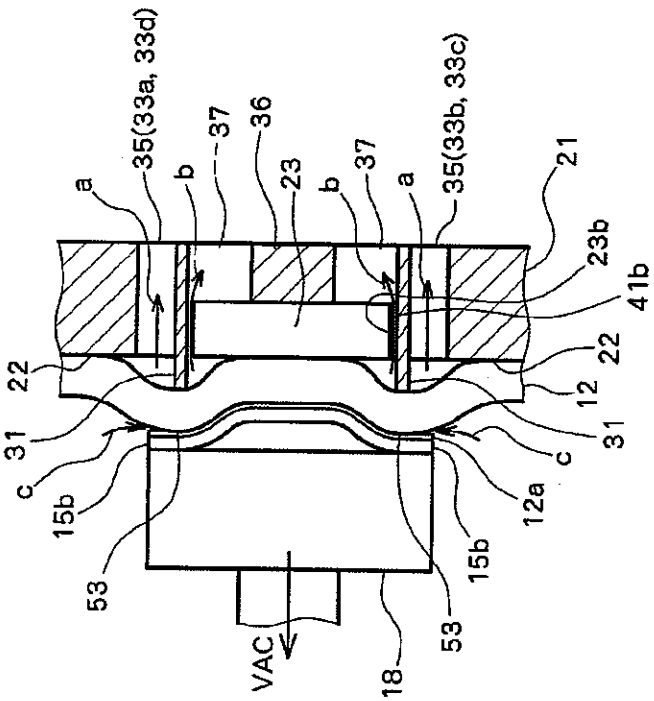


FIG. 18 (c)

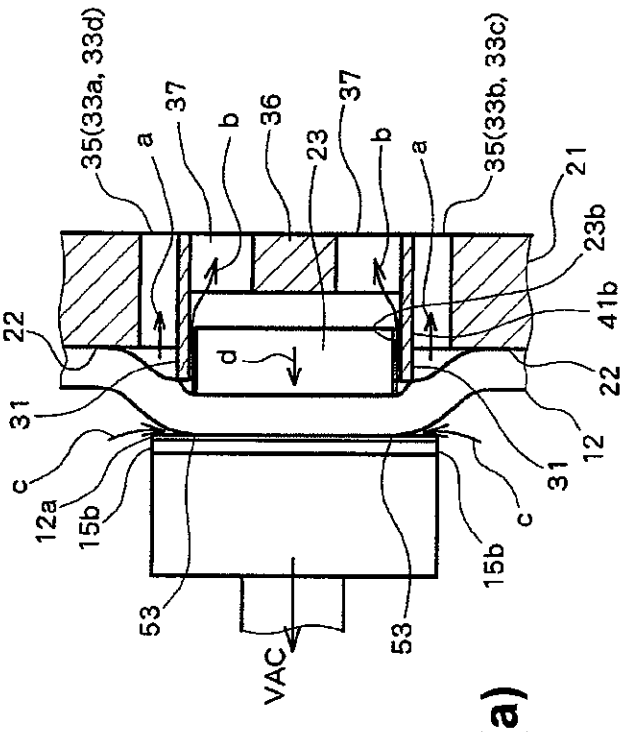


FIG. 19 (c)

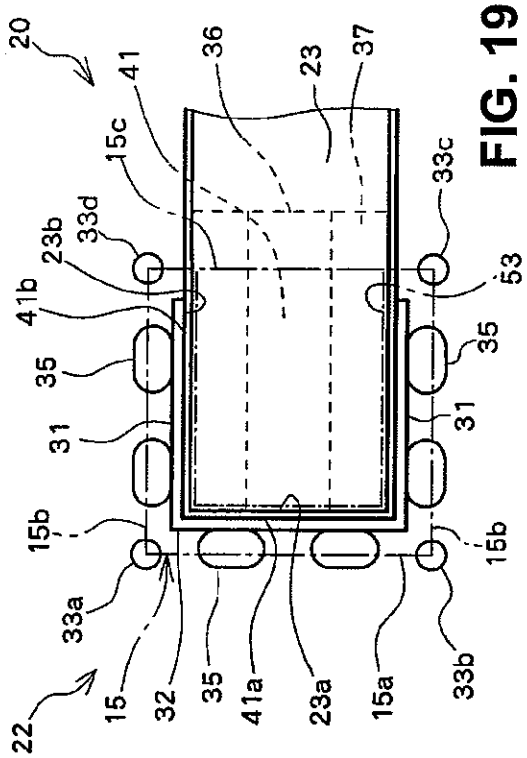


FIG. 19 (a)

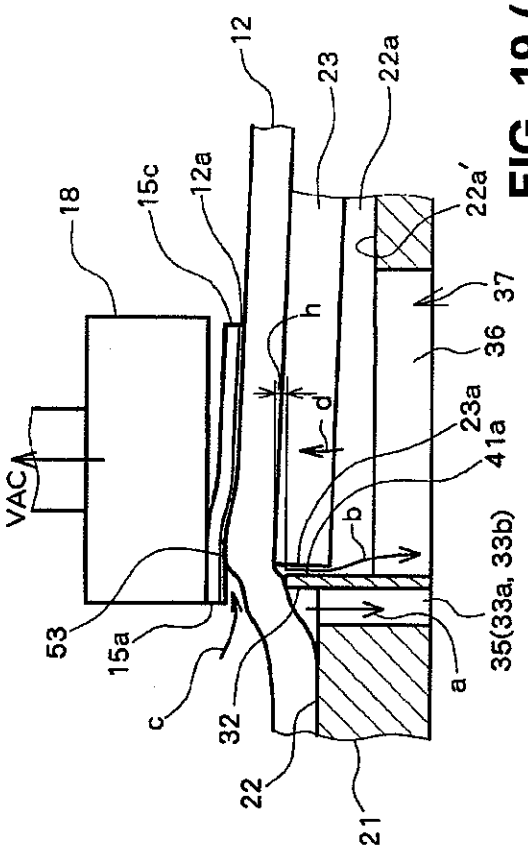


FIG. 19 (b)

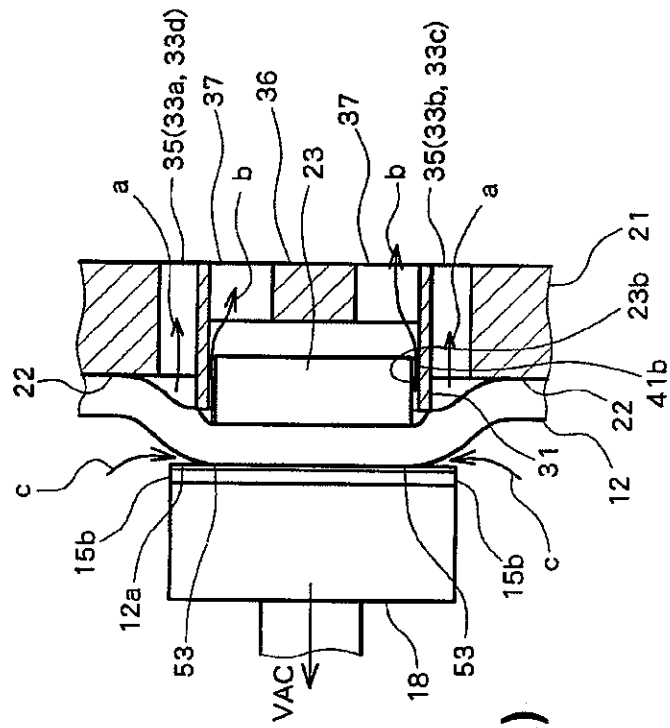


FIG. 20 (c)

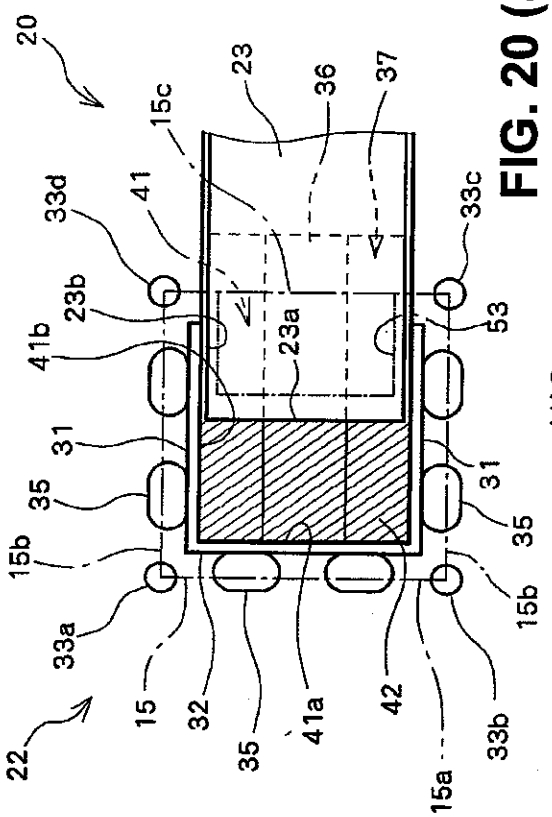


FIG. 20 (a)

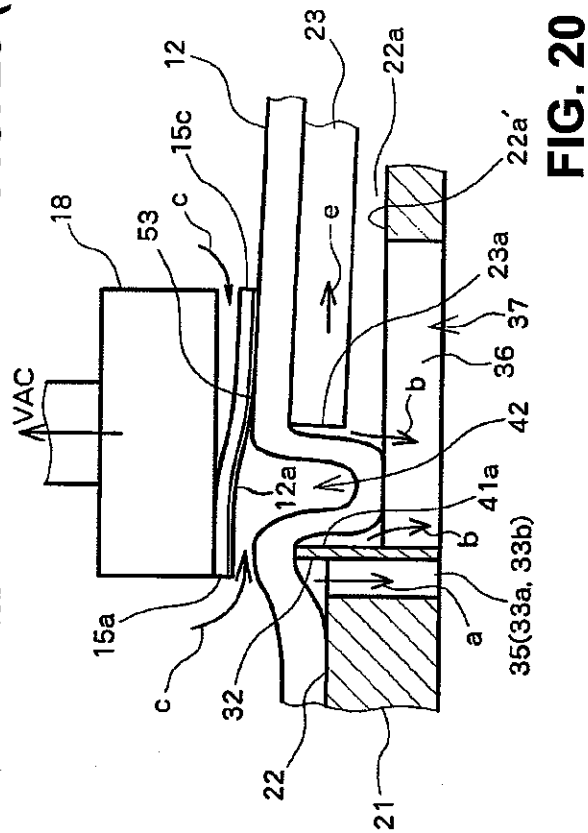


FIG. 20 (b)

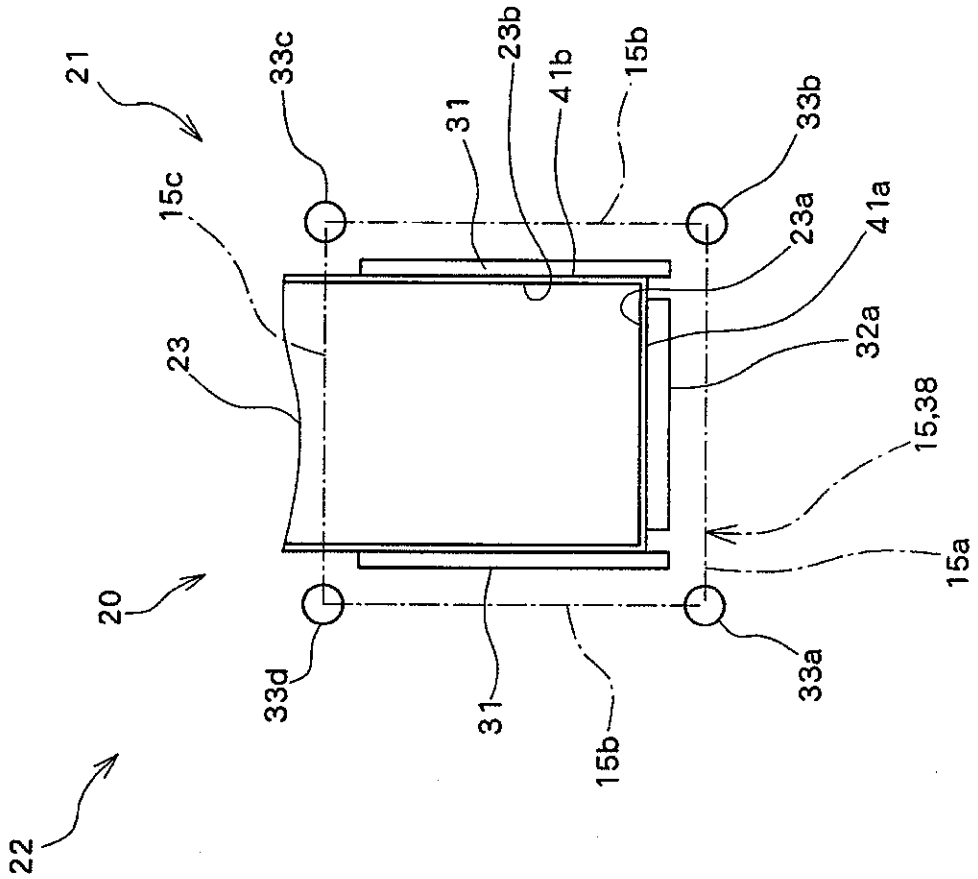

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22

FIG. 21

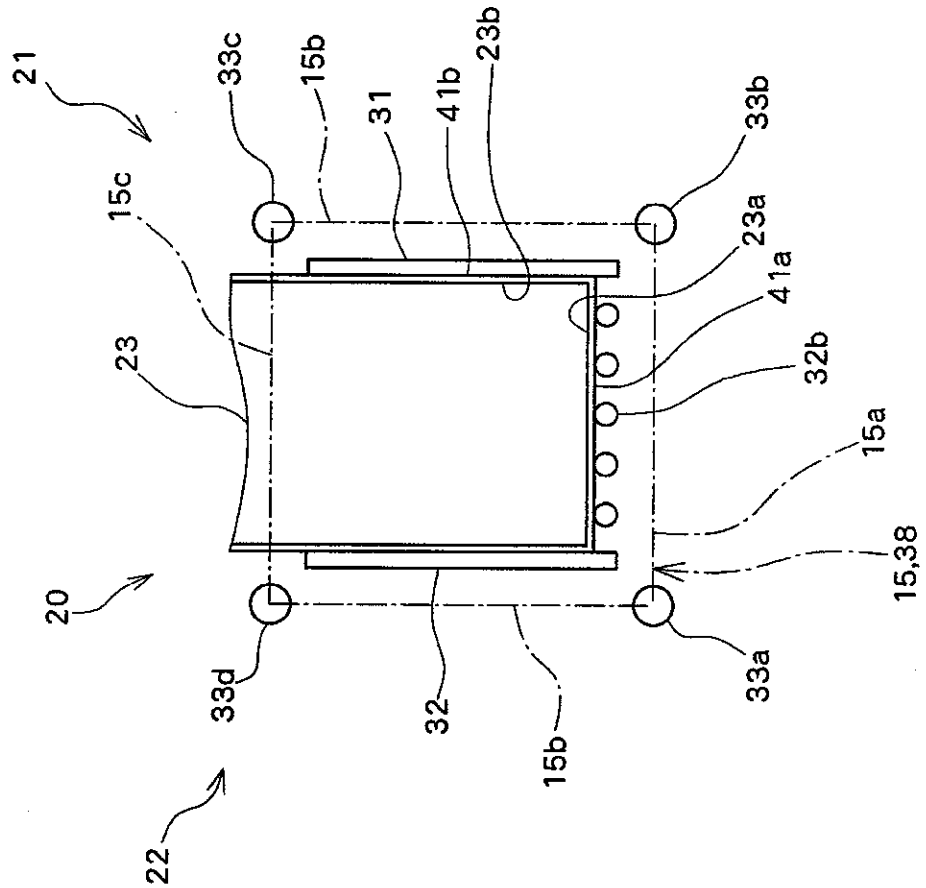

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FIG. 22

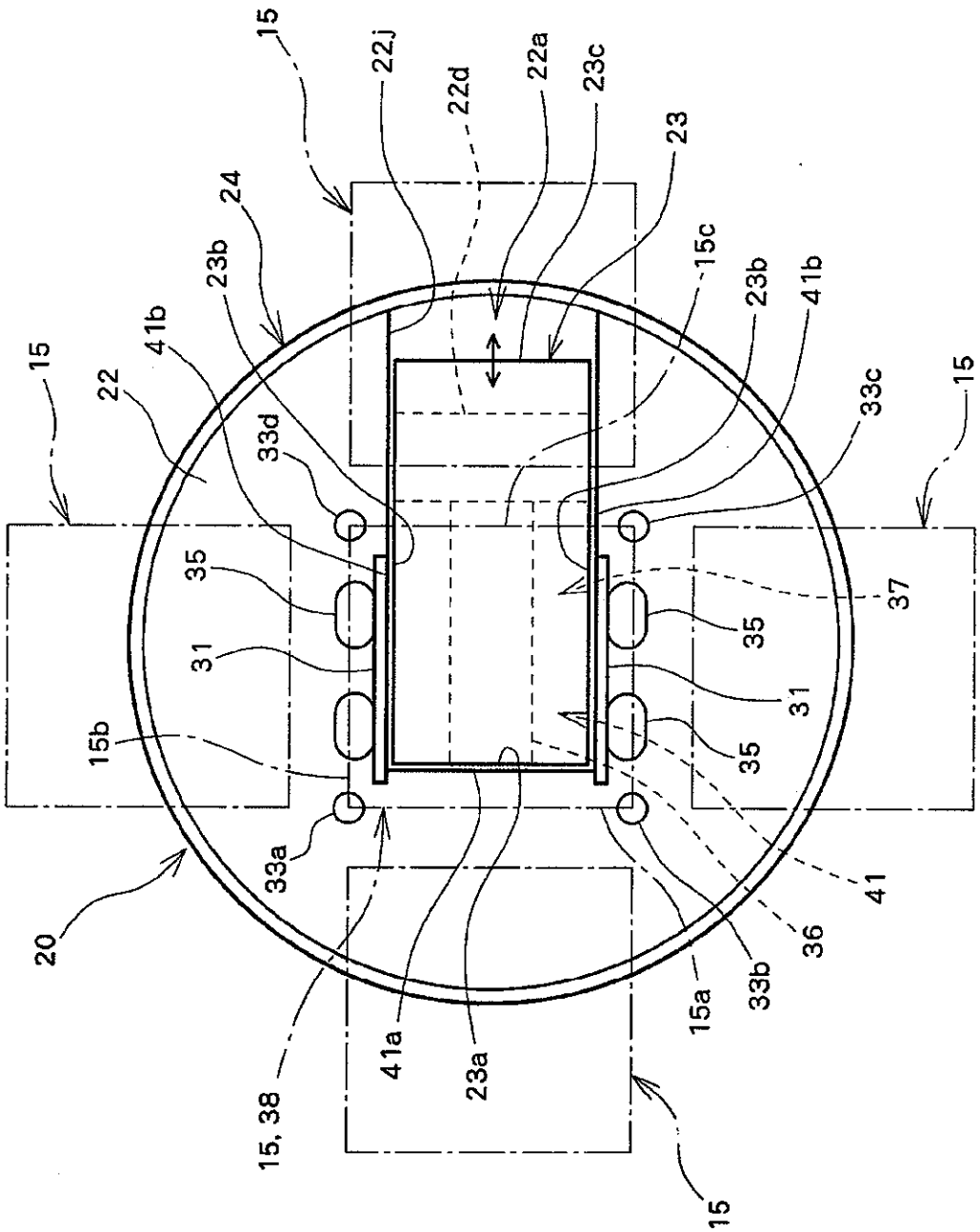

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FIG. 23

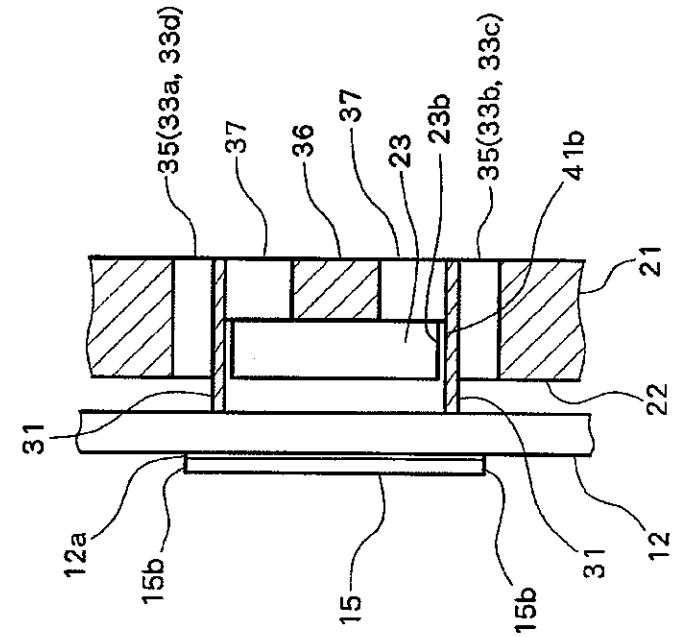


FIG. 24 (c)

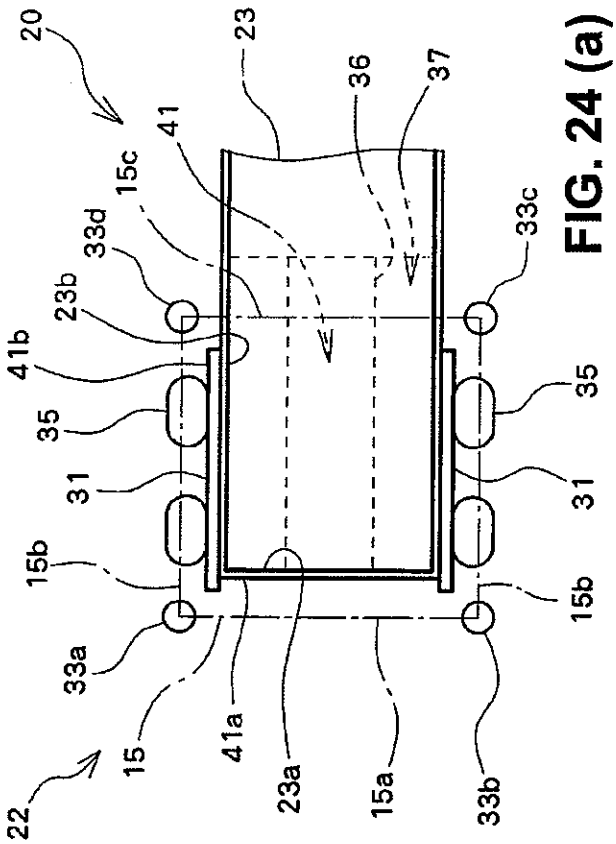


FIG. 24 (a)

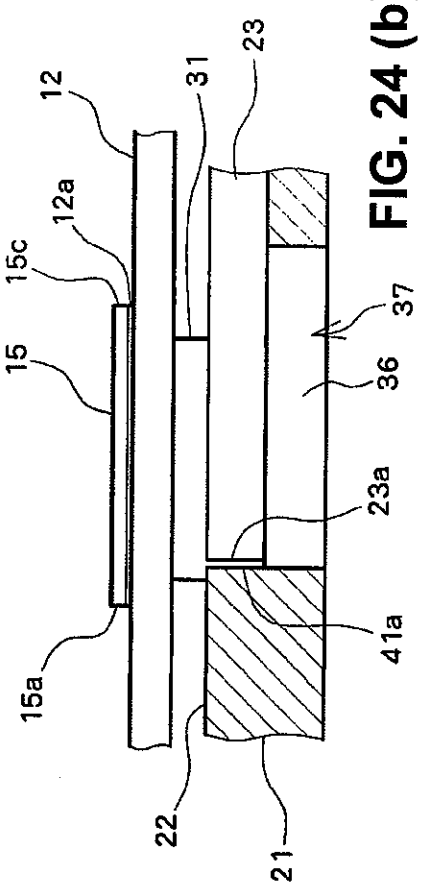


FIG. 24 (b)

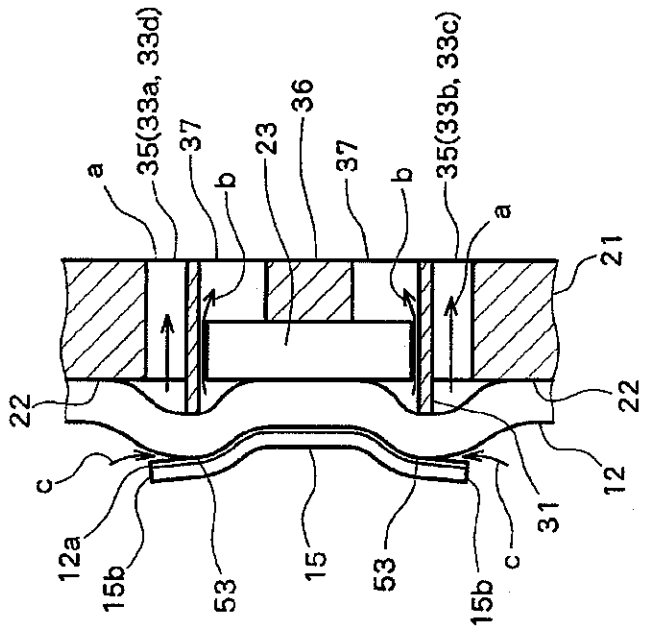


FIG. 25 (c)

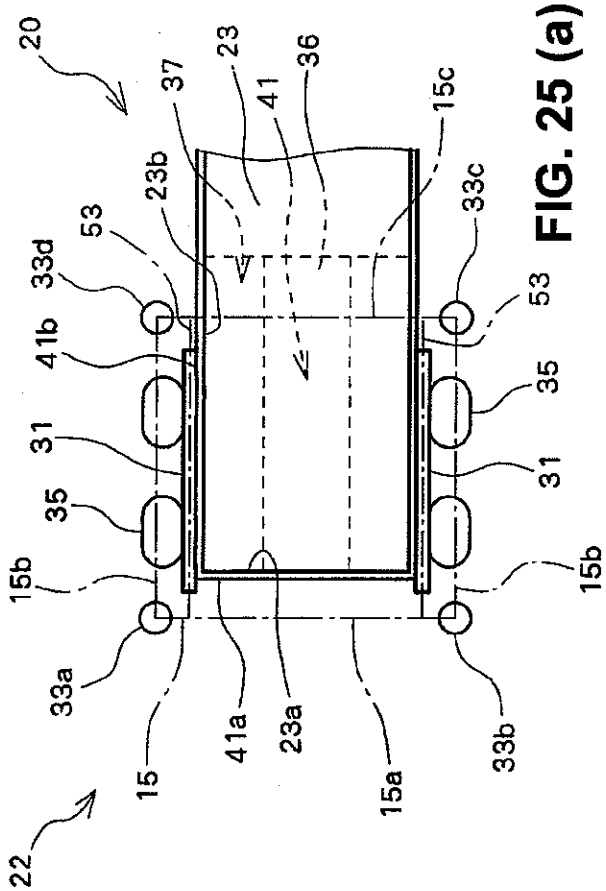


FIG. 25 (a)

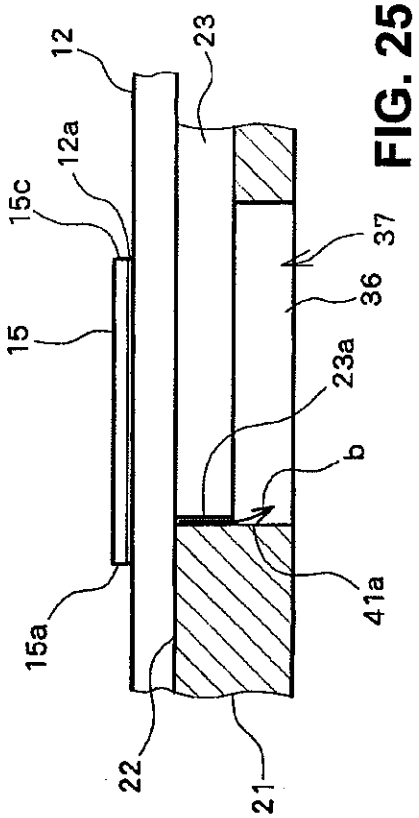


FIG. 25 (b)

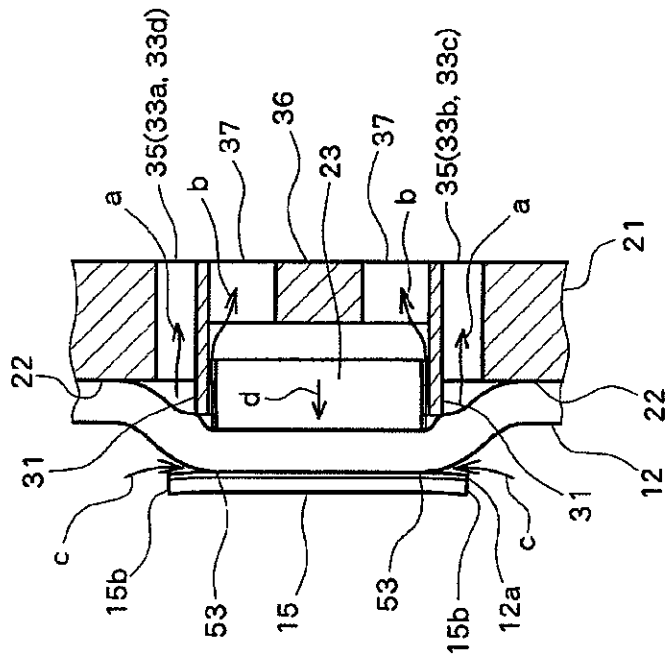


FIG. 26 (c)

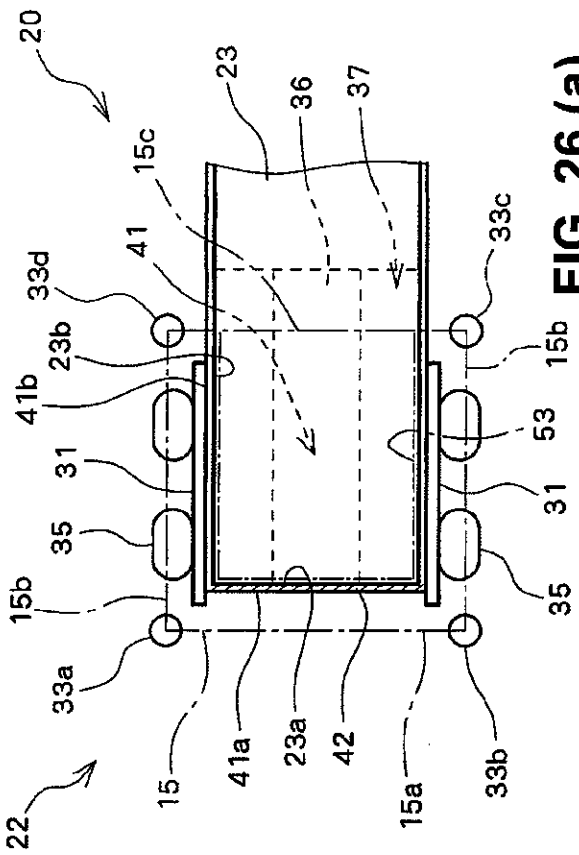


FIG. 26 (a)

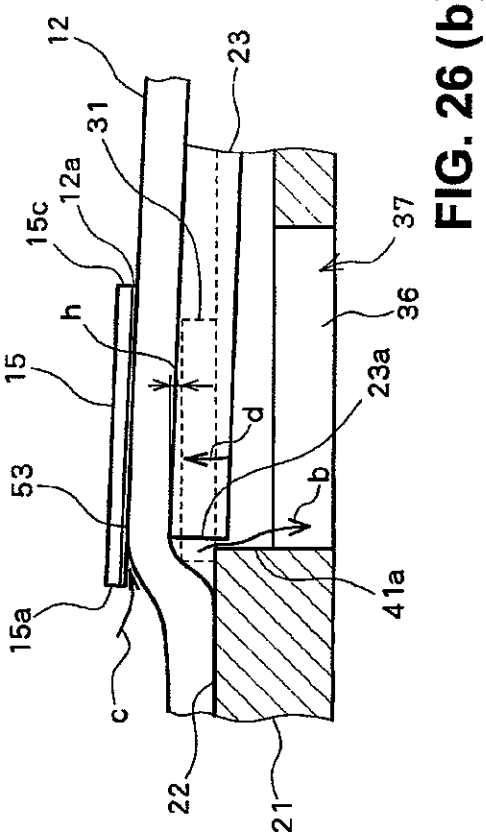


FIG. 26 (b)

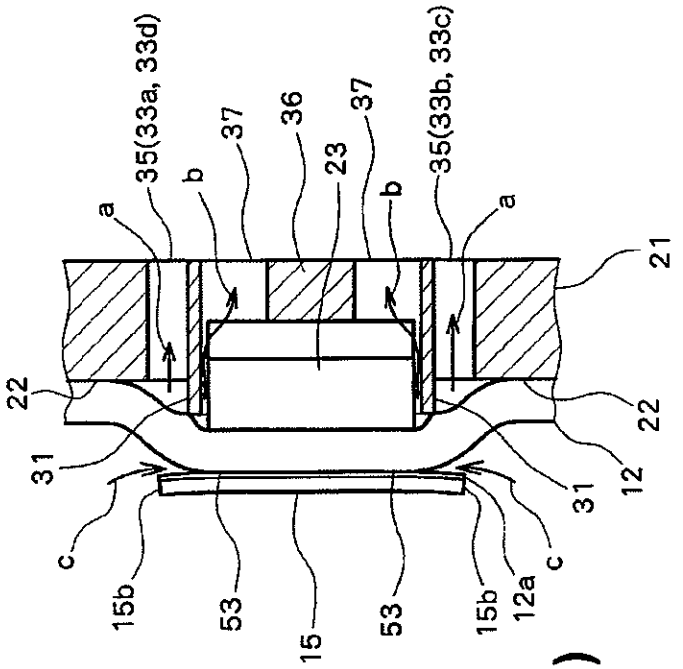


FIG. 27 (a)

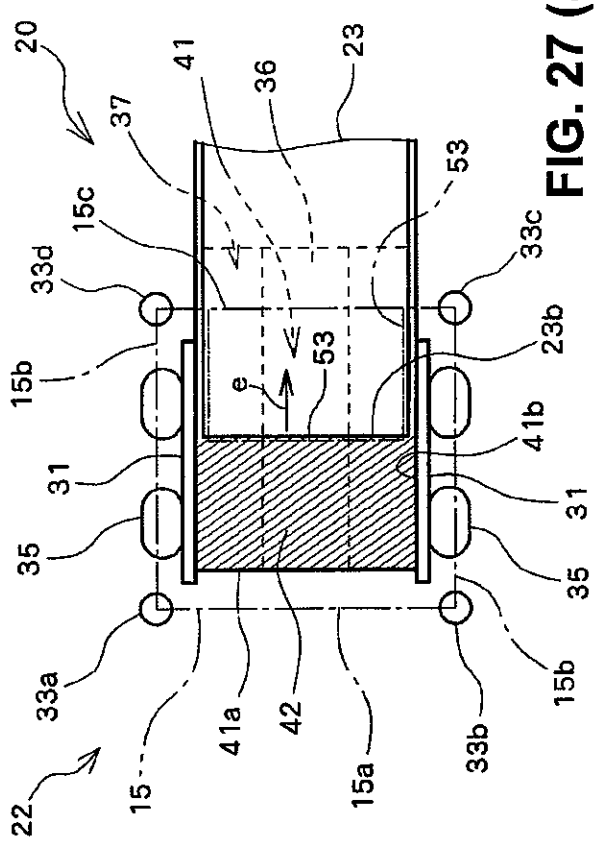


FIG. 27 (b)

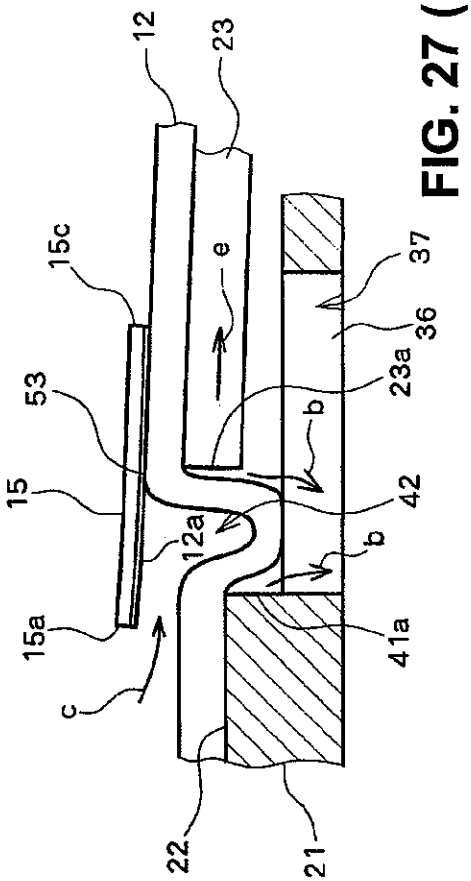


FIG. 27 (c)

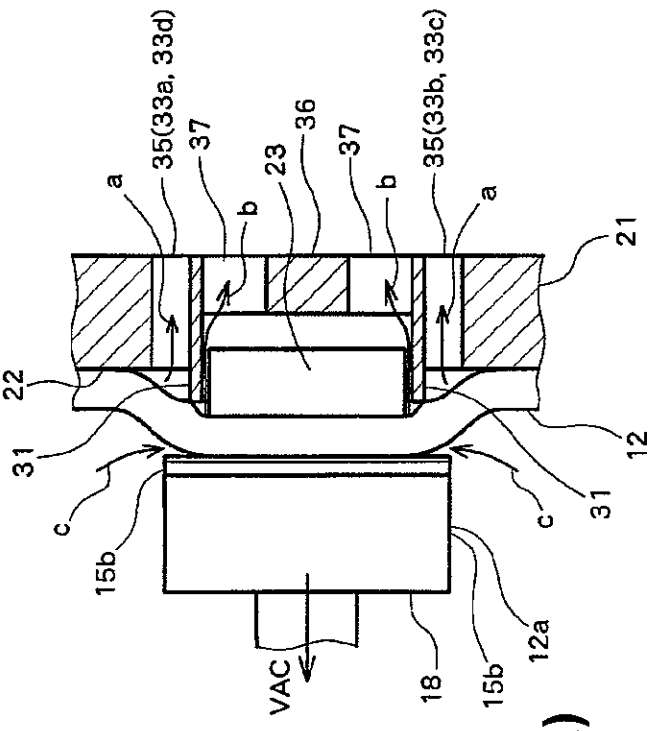


FIG. 28 (c)

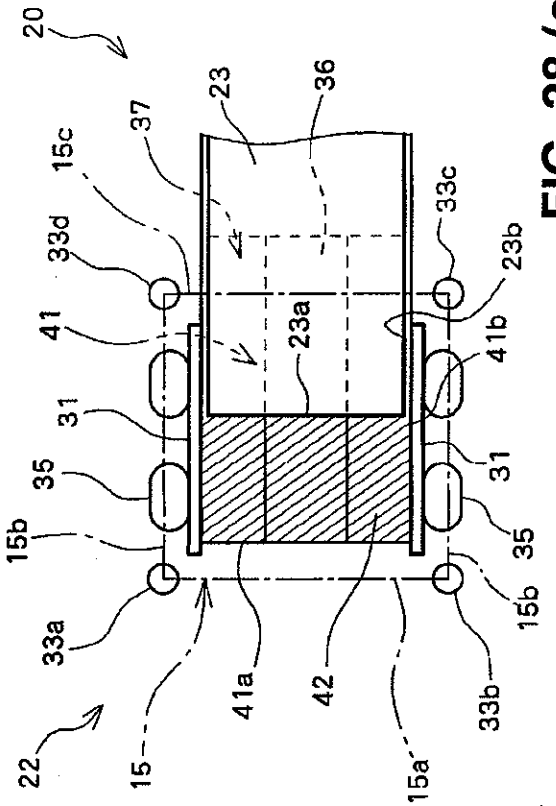


FIG. 28 (a)

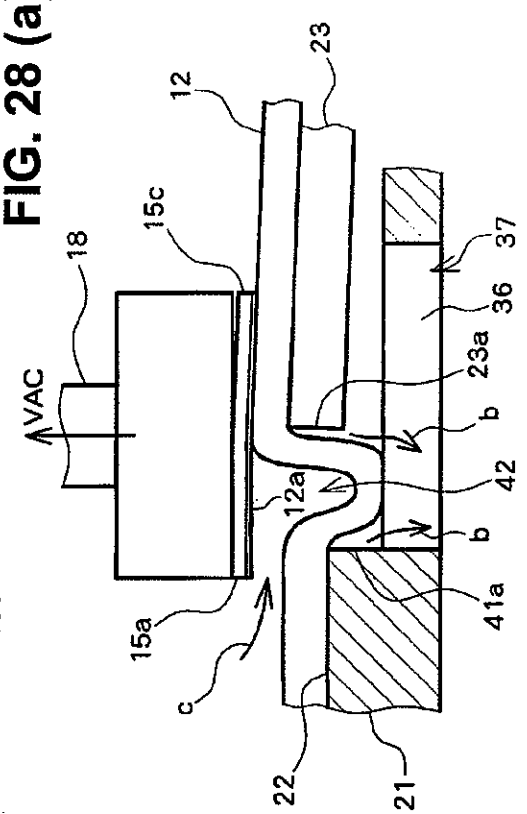


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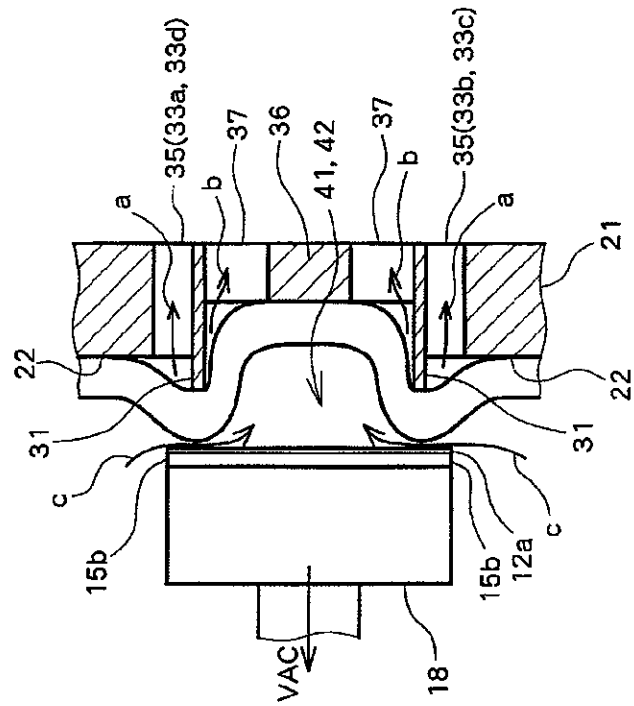


FIG. 29 (c)

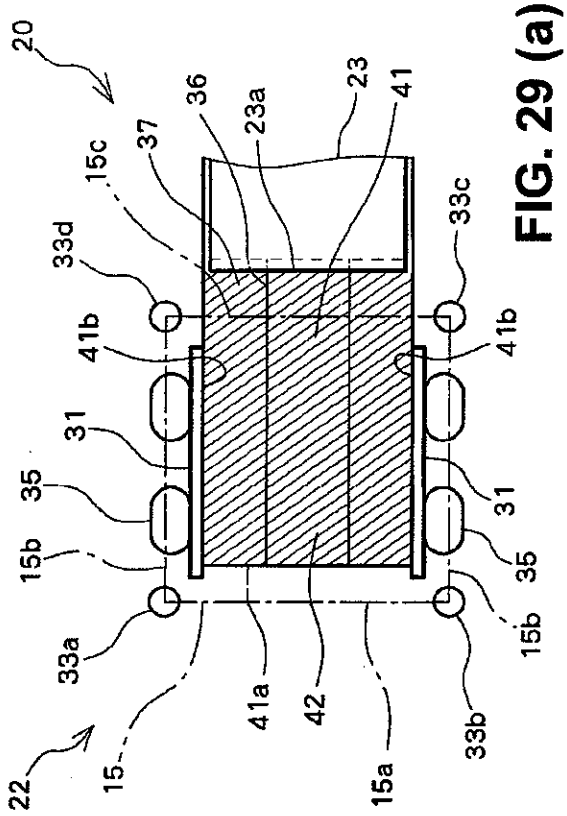


FIG. 29 (a)

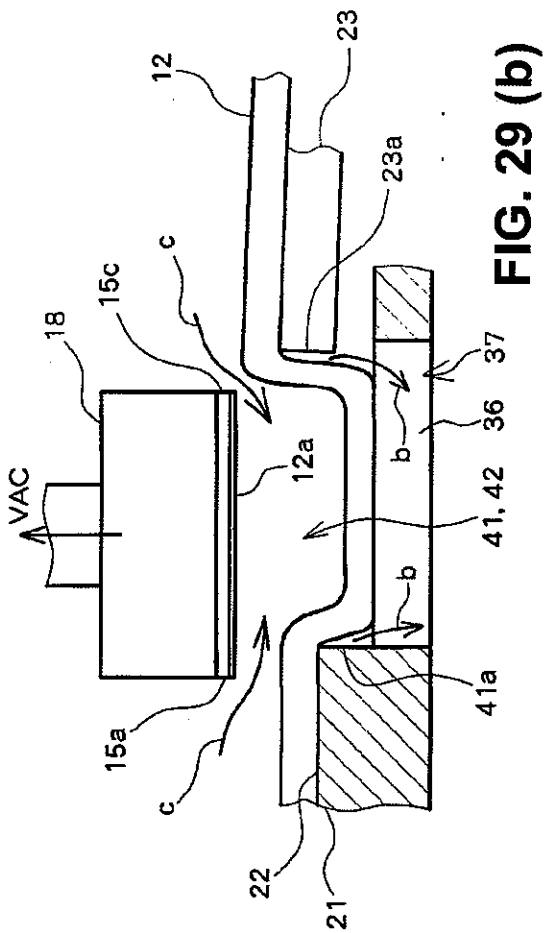


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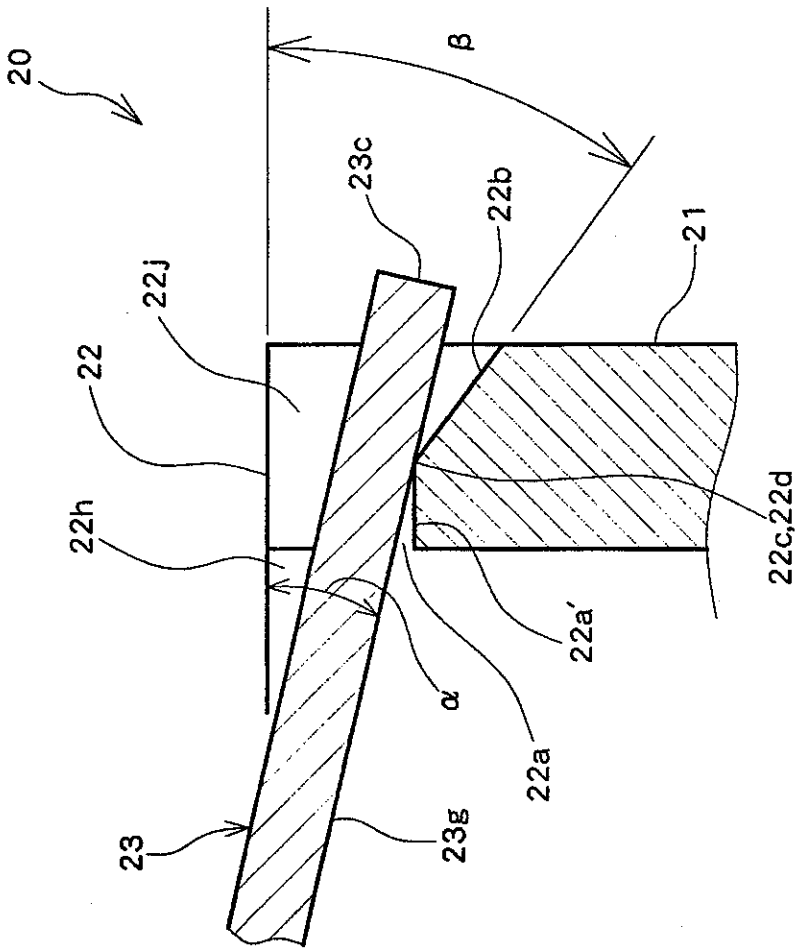


FIG. 30

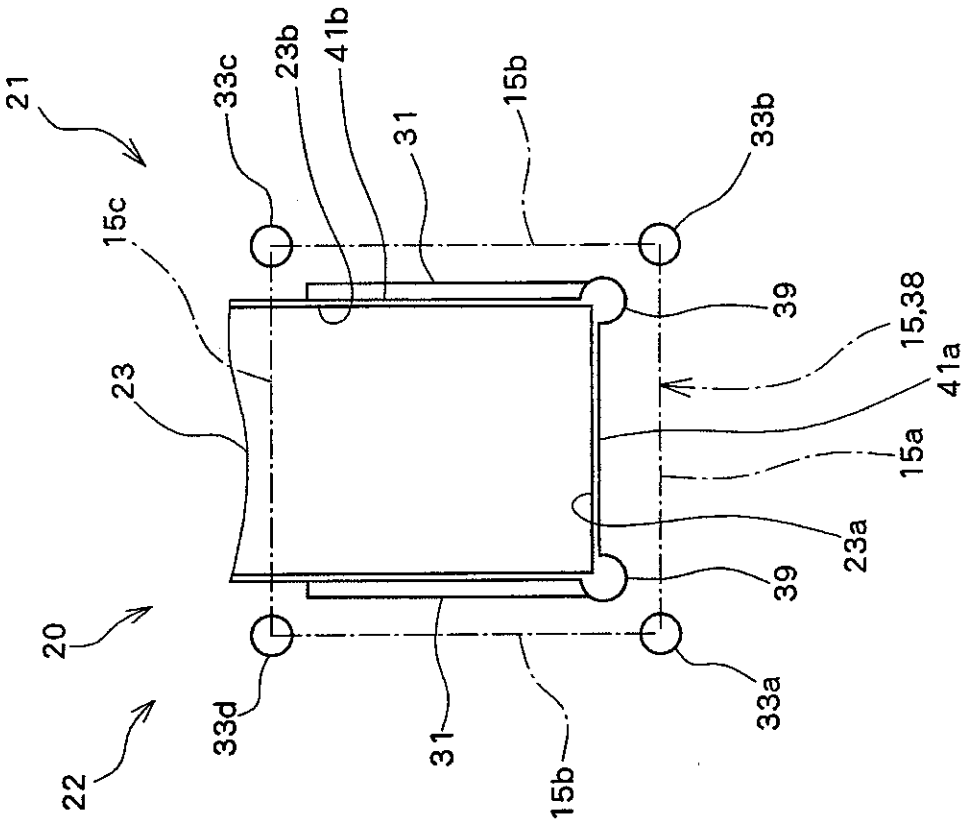

21
33c
23b
41b
31
15b
33b
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33d
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15b
33a
22

FIG. 31

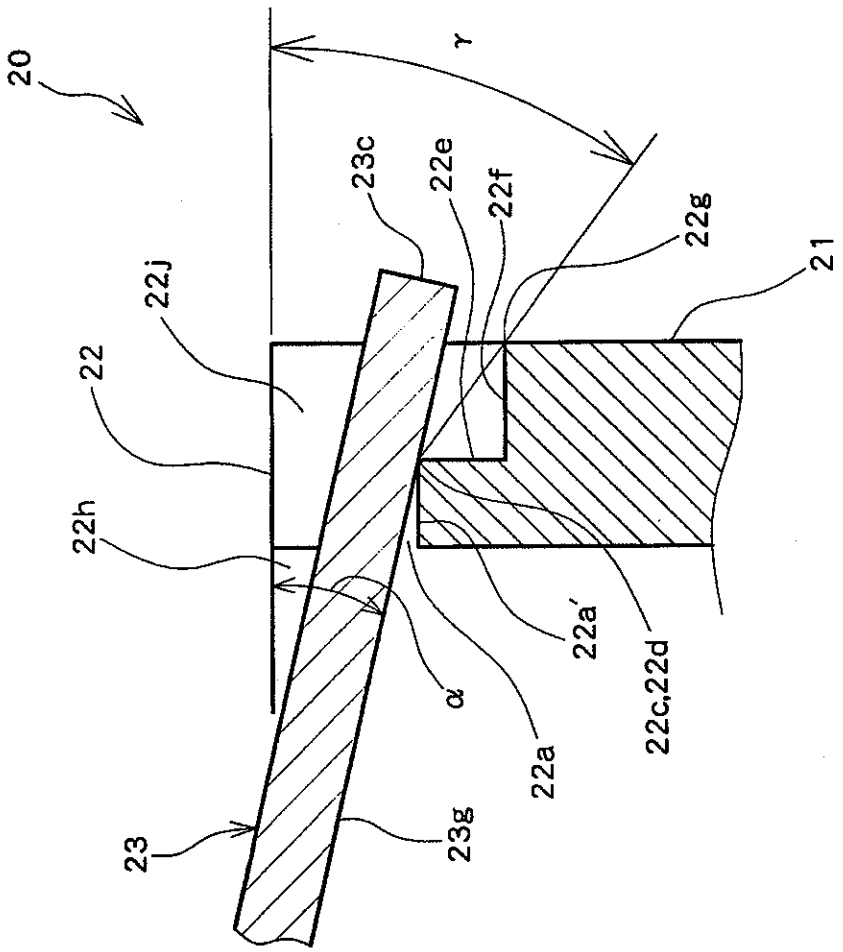


FIG. 32