

(19)
(12)

(KR)
(A)

(51) 。 Int. Cl. ⁷
B05B 11/00

$$\begin{pmatrix} 11 \\ 43 \end{pmatrix}$$

2001 - 0110302
2001 12 12

(21)	10 - 2001 - 7007209
(22)	2001 06 09
	2001 06 09
(86)	PCT/NL1999/00760
(86)	1999 12 10

(87)	WO 2000/33969
(87)	2000 06 15

[illegible]

(30)	1010778	1998	12	10	(NL)
	1011477	1999	03	05	(NL)
	1011479	1999	03	06	(NL)
	1011962	1999	05	04	(NL)
	1013139	1999	09	24	(NL)

(71)

- 5705 1

(72)

- 5711 24

- 5712 20

(74)

⋮

$$(54) \quad \frac{\partial \mathcal{L}}{\partial \mathbf{w}_i} = \frac{\partial \mathcal{L}}{\partial \mathbf{w}_i} + \frac{\partial \mathcal{L}}{\partial \mathbf{w}_i} /$$

1

(head) (dispensing device) (dosed dispensing)

“ ” , 가

가

가 ()

가

가

가

(sprayer head)

가

(trigger) 가

가

가

가

(position of rest)

가

가

가

가

가

가

가

가

1

가

가 가 ,

가

가
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가 , PET

가 가

가 .

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가

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(

가
dispenser)

가 .

1

27 26 ,

28 26 27 ,

29 28 ,

30 29 ,

31a 31b ,

32, 32a 32b , A - A B - B

33a 33b ,

34, 34a 34b , A - A B -

B ,

35 26 ,

36a 36b ,

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47 46 .

(3) (2) (1) , " (test tube)" , " (

preform)" (4) (1), (4) (5) 가

(2) (3) (6, 7) (2) ,

가 (5) (8) 가

(5)

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(3) (5) (1) (9) .
 (10), (11), (12) ,
 (12) (10) (13)
 , (1) (15) (14) .

, (1) , (9) 가 (12) (5)
 (7) (8) 3 , (8) 가 (6)
 (11) (5) (2).
 , (12) (15) , (9) 가 .
 , (1) (10) (12) .

(3) (1) (17) , (16)
 (3) (2) (4) ()
 (4 5). , ,
 (16) 8 9 가 . ,
 (16) .

, (3) (2) (1) 가 ,
 (4) 가 1 (18) (3) (12) (19)
). (4) 가 (1) , /
 , 가 (1) (3) 가 .

(3) (5) , (20)
 ((21)). , (23)
 ((22)), .

(3) (5) (24) (25) (3) (2)
 가 (27) (4) 가 가 (26) , 1
 , (4) (2) (37) (1) .
 가 , (1) 2
 . 1 , (4) 가 .

(28) , (1) (29) ,
 (37) (1) (29)
 (1) 가 ,
 (,) 가 .

, (30) , (1) (3) (5)
 . (17) ((31)), ((32)),
 ((33)) , (34, 35 36) 가

, (105) (106) 가 (103) (102) (14)
 (101) . (114) (115)
 (113) 가 (104) (103) .
 (107) (103) (105) , (123)
 . (103) (106) (109) (108)
 , (103), (104), (108) (122) ,
 (102) .

(103) (110) (111)
 . (111) (112) , (113)
 (111) (113) , (101)
 (116) . , (113)
 (117) . (113) 가 (103) (114) (11
 3) (111) (110) 가 , (117) 가
 , (117) 가 (111)
 . (113) (111) , (111)
 (113) , (112) (112) (111)
 , (111) (128) (112) (127)

(117) 가 " (spine)" (119) (118)
 , (117) (113) (125) (124) .
 (120) (119) (102) (130)
 (129) . (129), (119) (117) (102) .
 (129) (131) 가 , (103), (104) (108)
 (122) (32) . (122) (102) (1
 30) (133) , (134)
 . (122) (101) 가 (130)
 (136) (143) (135) .

, (101) (116) (102) ,
 (101) , (102) 가 (101)
 (122) . (101) 가 가
 , . ,
 가 .

(102) , (111) (117) (113) (125)
(102) 가 (131) (132) (101) .

6) 1 (18), (101) (102) , (11) (117)
(102) (117) (113) (125) (152) .
(113) (122) (154) 가 (155)
(153) (154) (113) (153) (109) 가
(109) , (156) (113) , (111) (68)
(157) , (108) .

22) , (102) (117) 가 , ((117)
(117) (117) (102) (169) (170)
(171) , (170) U - (117) (117)
가 (102) .

, (109) (110) ,
(110) 가 (159) (158) , (122) (161)
(158) (159) (160) (160)
가 (163) 가 (162) 가 , (122) (167)
(107) , (167)
(163) (160) (159) (164)
가 (159) (160) (102) (1
22) (161) .

(140) , , (102)
가 , 가 (108)
(spray cone) , 가
(159)
(109) (166) 가 (159)
(102) (108) (111)
3 (110) , (159) (16
6) .

(101) (102)
(113) , (110) (167) 가 (163)
(102) (111)
(159) (166) 가 .

(116) , , 가 (18a)
 , (102) (123), (107) (162, 167) (110)
 . (102) 가 , (110)
 110) , (111) (139B) (151)
 (111) (111) (139B) (139A)
 (151) .

(101) (122) (123) (16
 0) . , (111) (110) , (113) 가 (12
 2) (154) (153) . (113) (111)
 , (108) (109) .
 , (122) (132) 가 (102) (130) (129) (131)
 , (102) . , 1
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(102) (101) , . 1 (144) , (1
 103) (11), (107) (109) (122) (25
 (174)). (113) ((175)), (111) ((176)), (160) ((177))
 (108) ((178)) (179)
 . (123) ((180)).

, (116) ,
 (102) 가 ((181)). , (1
 (182)), .

((183)) , , (185) (1
 184) (123) 가 (187)
 (190) . (116) (146) (186)
 12 1
 , , " (prime)" 가 .
 , 가 . 가 가 .

, (172) , (23). (172)
 (173) (24). ,
 가 .

(201) (202) (203)
 , (204) (205) (201) , (206)
 (207) (208) . , (202)
 (208) .

(203) , (209) (210) .
 (209, 210) (211, 212) 가 (210)
 (212) (ridge; 236) , , (213)
 가 (213)

(213) 가 ,
 (201) (215) (214)

(203) (208) (216) 가 , 가
 (219) 가 (220) (218) (217)
 (218) , (201) (230) (retainer; 237)
 (220)

(203), (220) (205, 207) (230)
 (231) (223) (230) (23
 3) (wing; 232) 가

(202) (blocking means; 221) ,
 (8) (202) 1 , (213)
 (tongue; 222)
 (213) 가 가 (203) 가 (223) , 가
 () (222)

(221) (222) (213) 가 (30). ,
 (208) (207)

(35), (221) , 가 (213) (37)
 (225) (224) , 가 (213)
 (36) (227)
 (226) (228)

(44), (214) (234)
 (215) 가 (213) (215) (235)
 가 (213) 가 가 (215) (235)
 . 가 (213) 가 (215) , 가 (213)
 (211)

(38) (301) (302) , (

301) (306) (303) (303) ,
 (immersion tube; 316) (304) 가 ,
 (304) (323) (301) (318) (304)
 (303) (307) (301) (303) (
 307) (308) , (307) (303)
 (321) (307) (303)
 (328) (326) , (303)
 가 2 (305) (304) 가 2 (305)
 (303) (311) , (303)
 (311) , (324, 325) (303) (306)
 .
 (304) (309) , (310) 가
 가 2 (305) , (322) (304)
 (305) (304) (310) (32
 0) 39 40 , 2 (305) (320) (304)
 (310) (303) (301)
 , (311) , (311) (313) 가 (303)
 (312) (314)
 (311) , (302) (303) 가
 (303) , (303) (328)
 (315)
 (302) 39 40 , 2 (305)
 (311) 가 , (304) 가 (326) (328) , 2
 (305) (320) (304) (310) , (301)
 (303) (marking; 317)
 (303) (306) , (311) (313)
 (301) 가 , (303)
 (319) (316) (304) , (320) (310)
 (303) (301) , (303)
 (310) (301) 가
 , (303) (310) (320) (316) ,
 (301) (310) 가
 (303) (310) , 가 (303)
 (301) , 가 (303)
 (312)
 , (301) (303) (301) 가
 , (301) (303) 가 ,
 (302) (301) 가
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17 18 , 가 .

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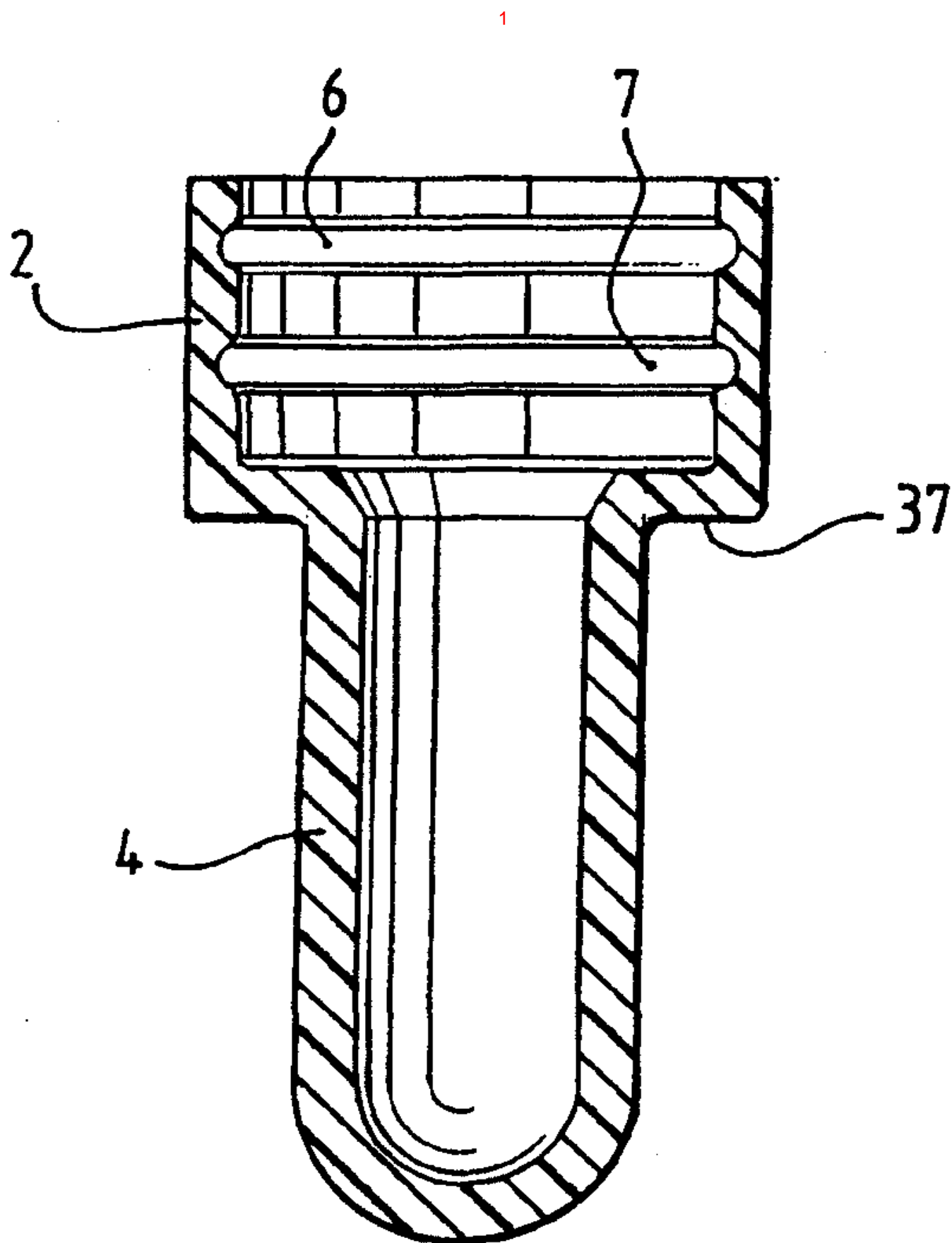
가

2

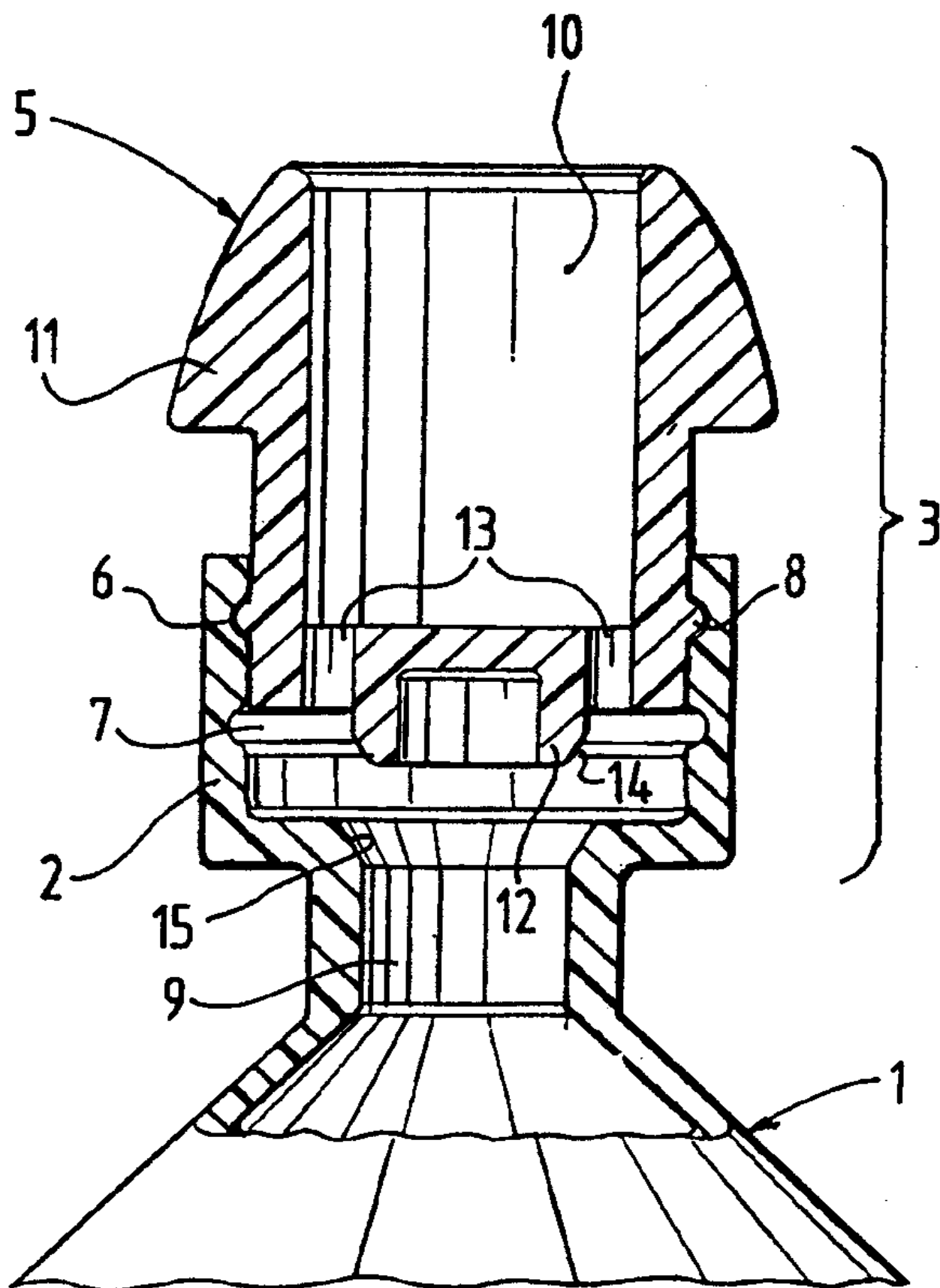
가

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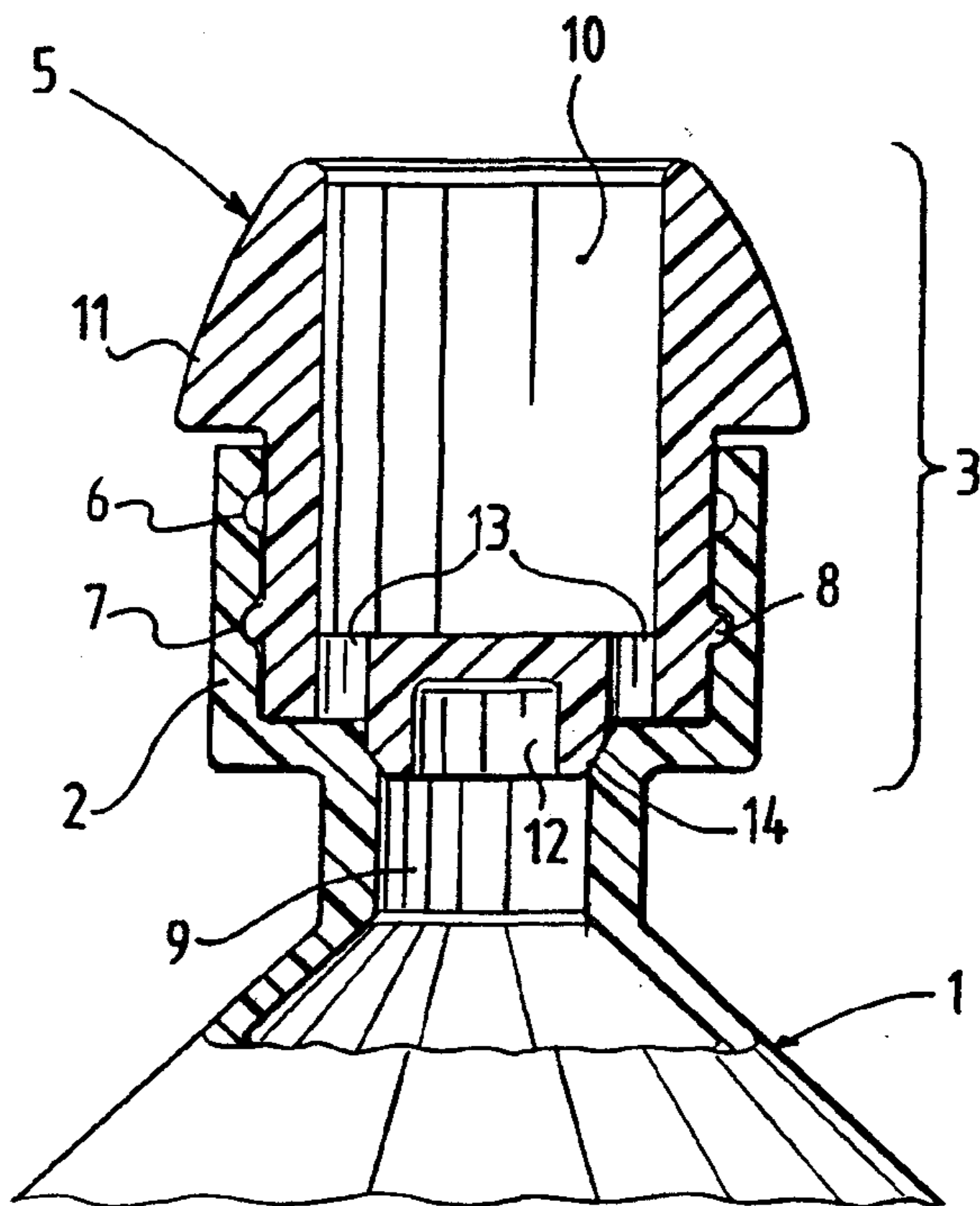
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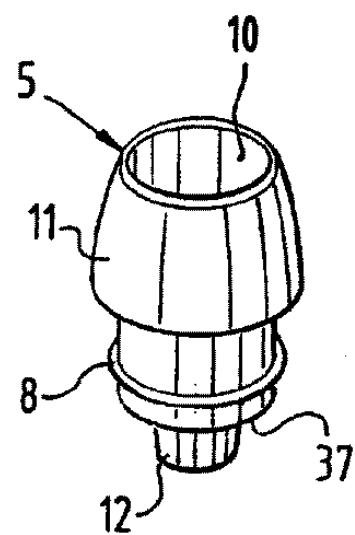
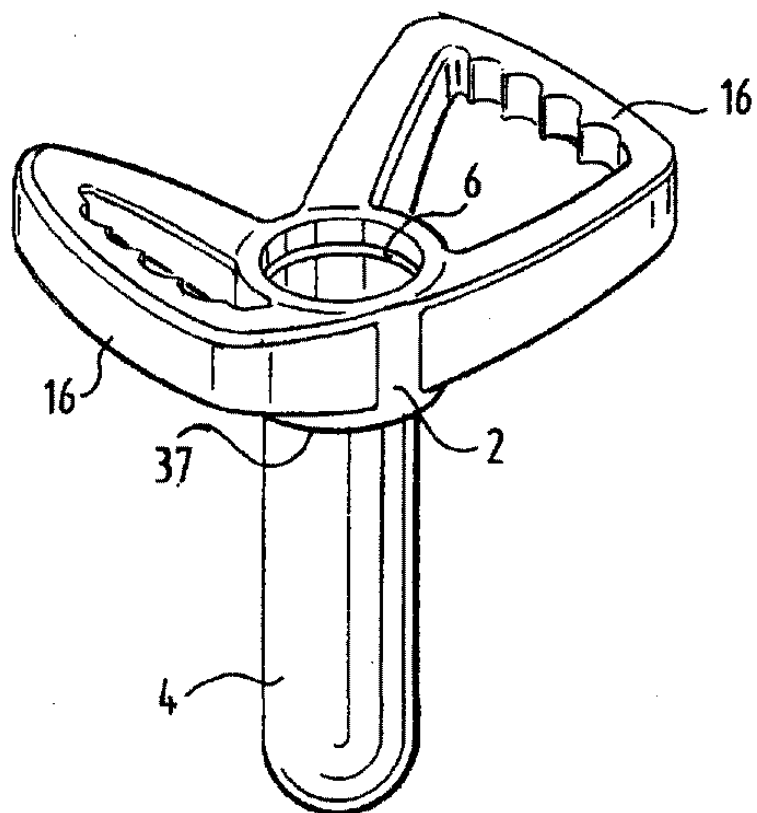
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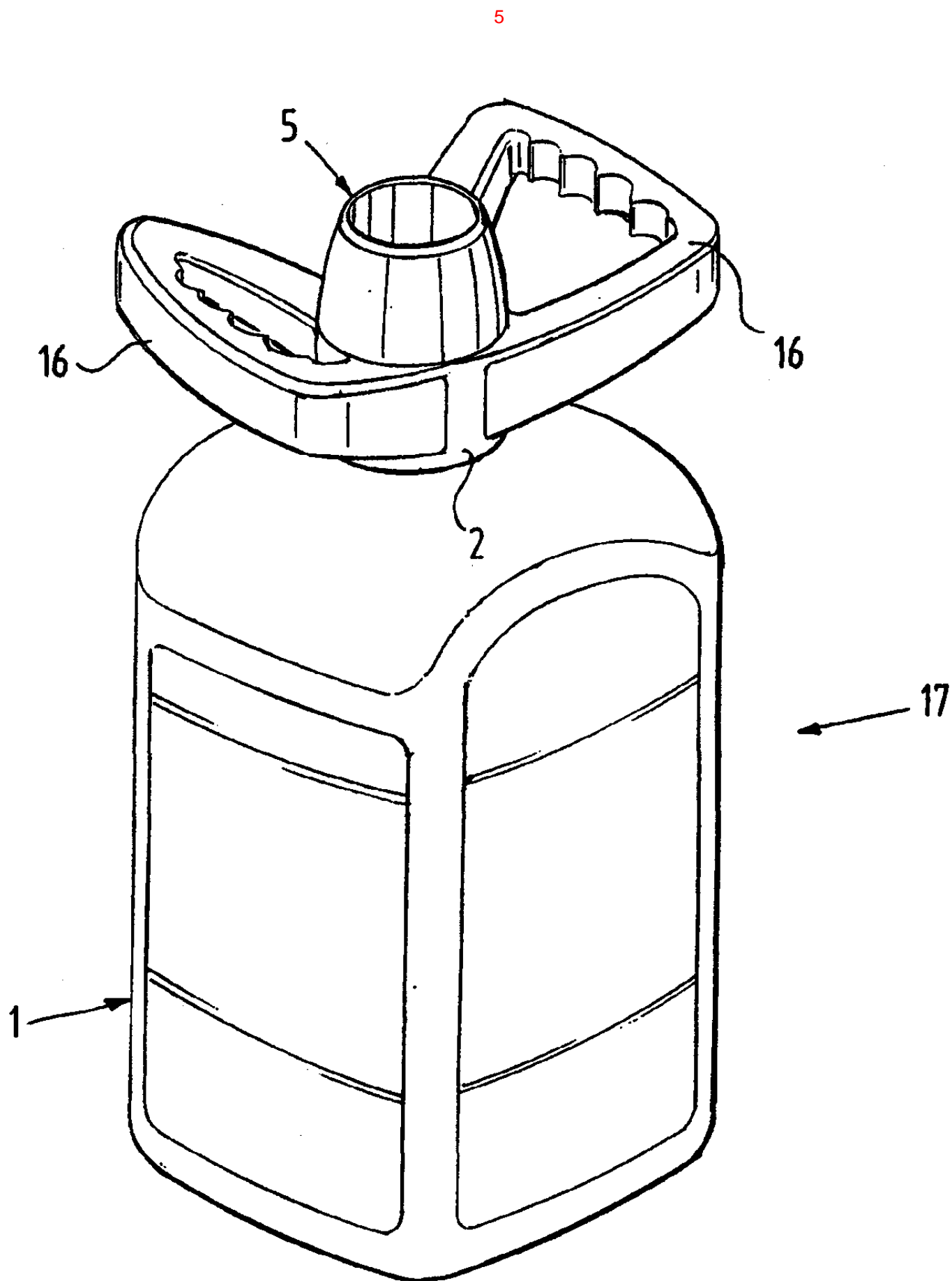


3

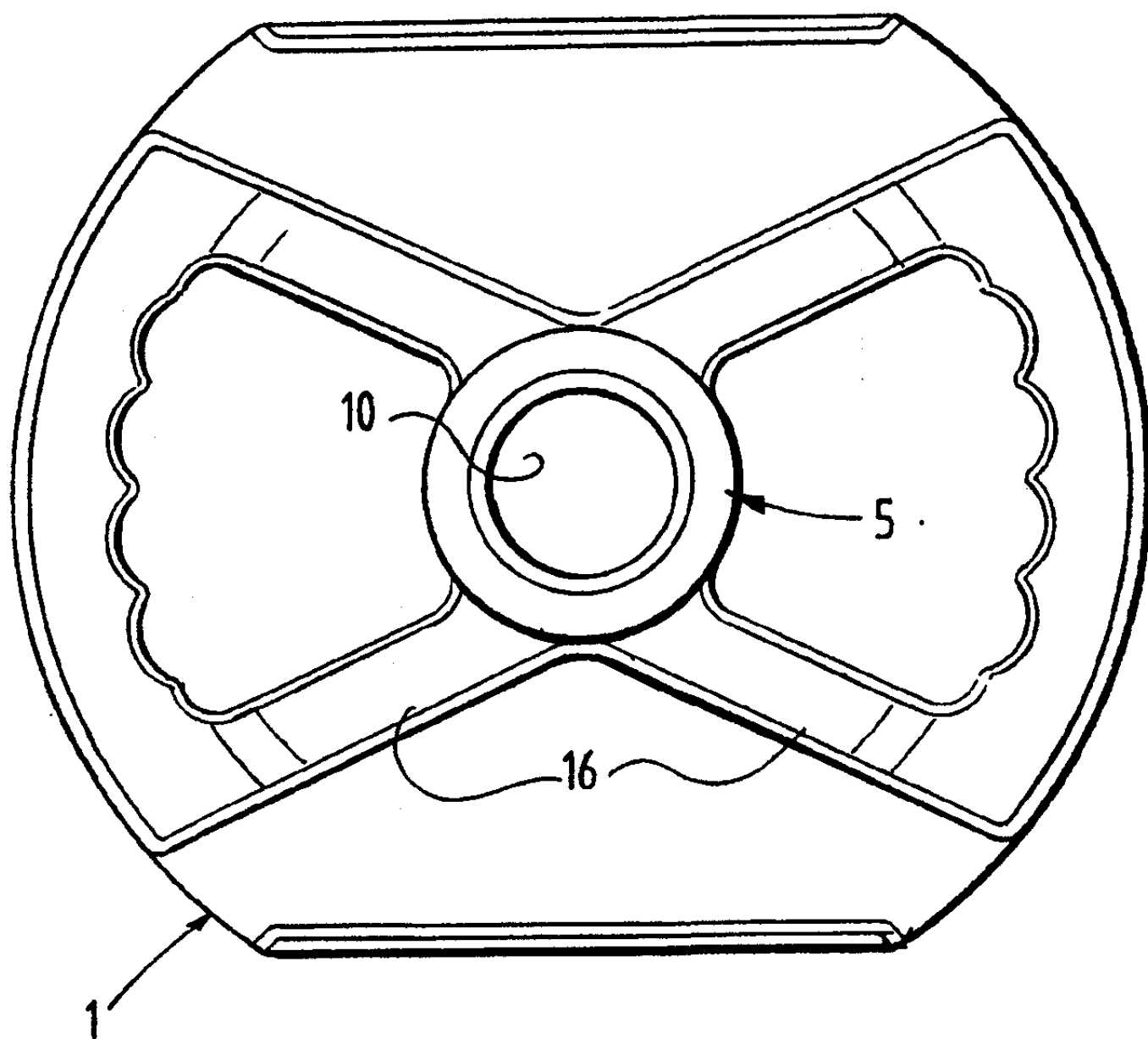


4

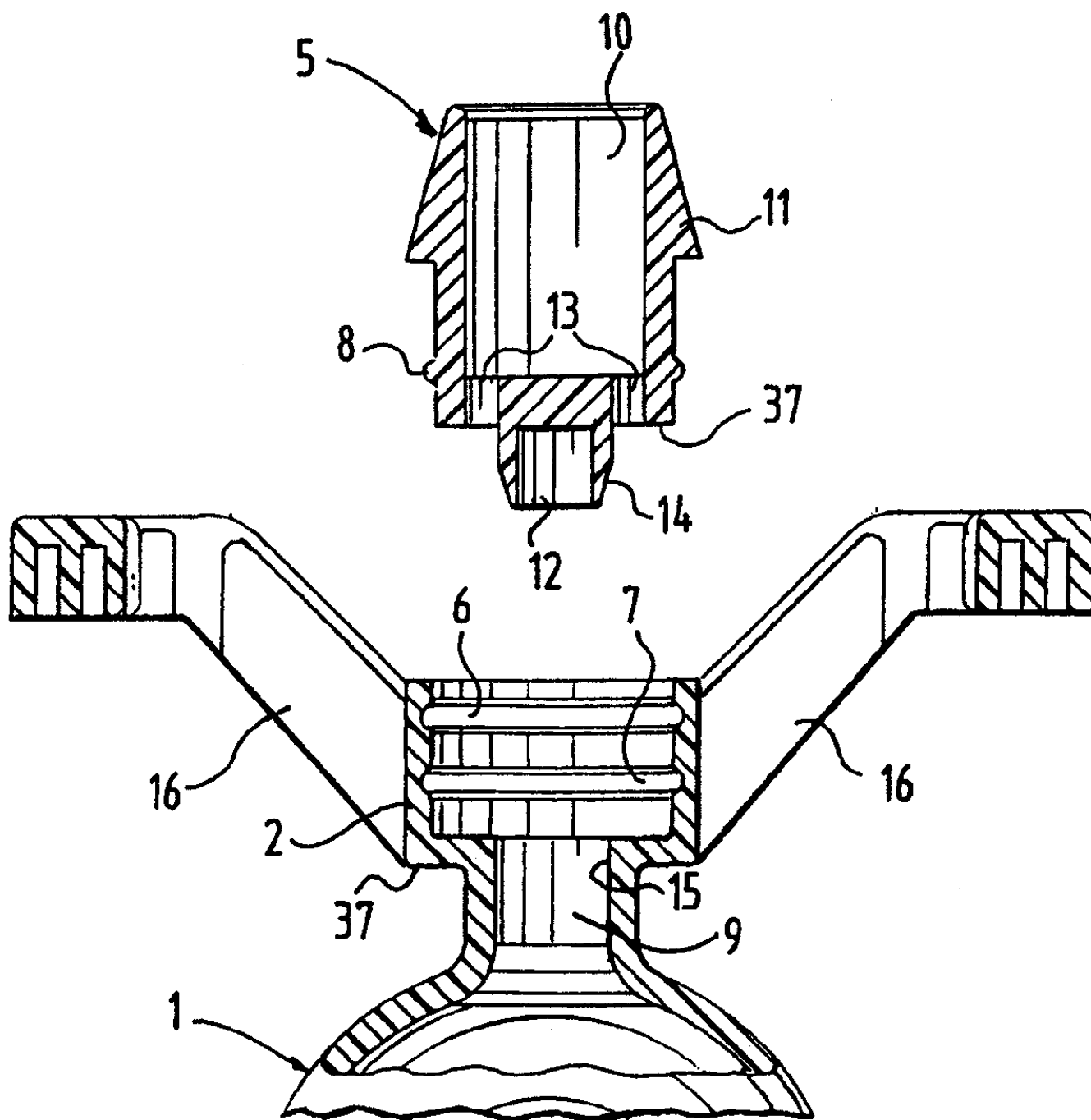




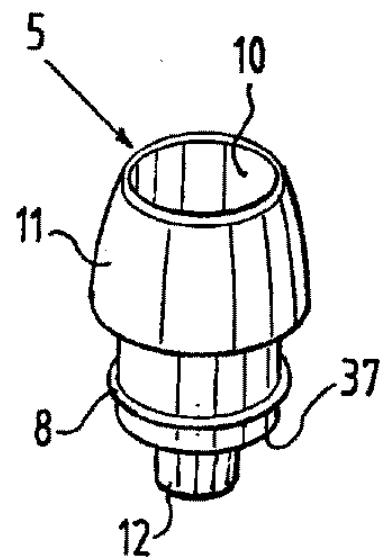
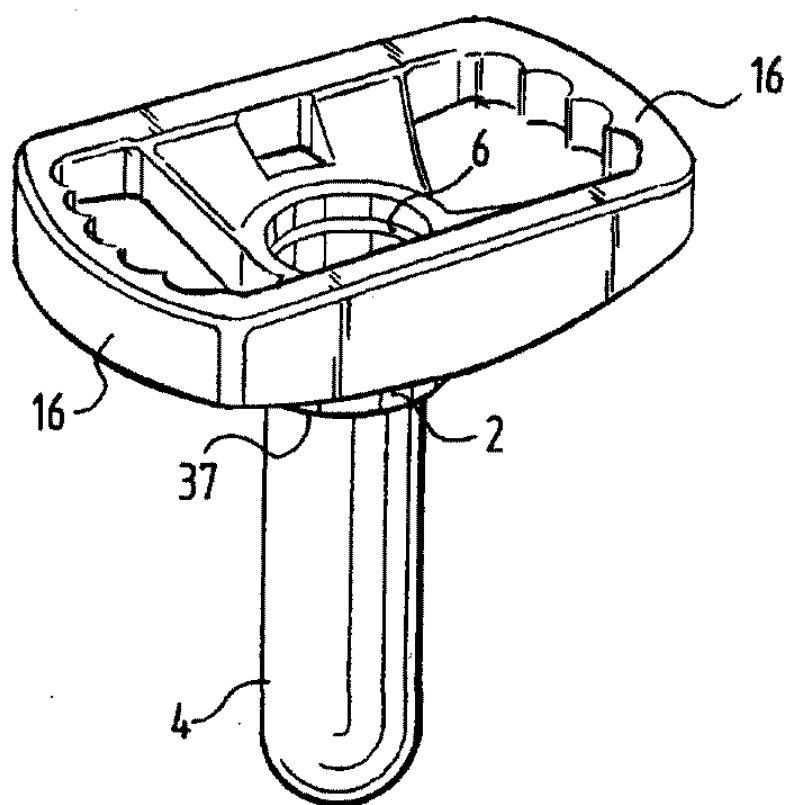
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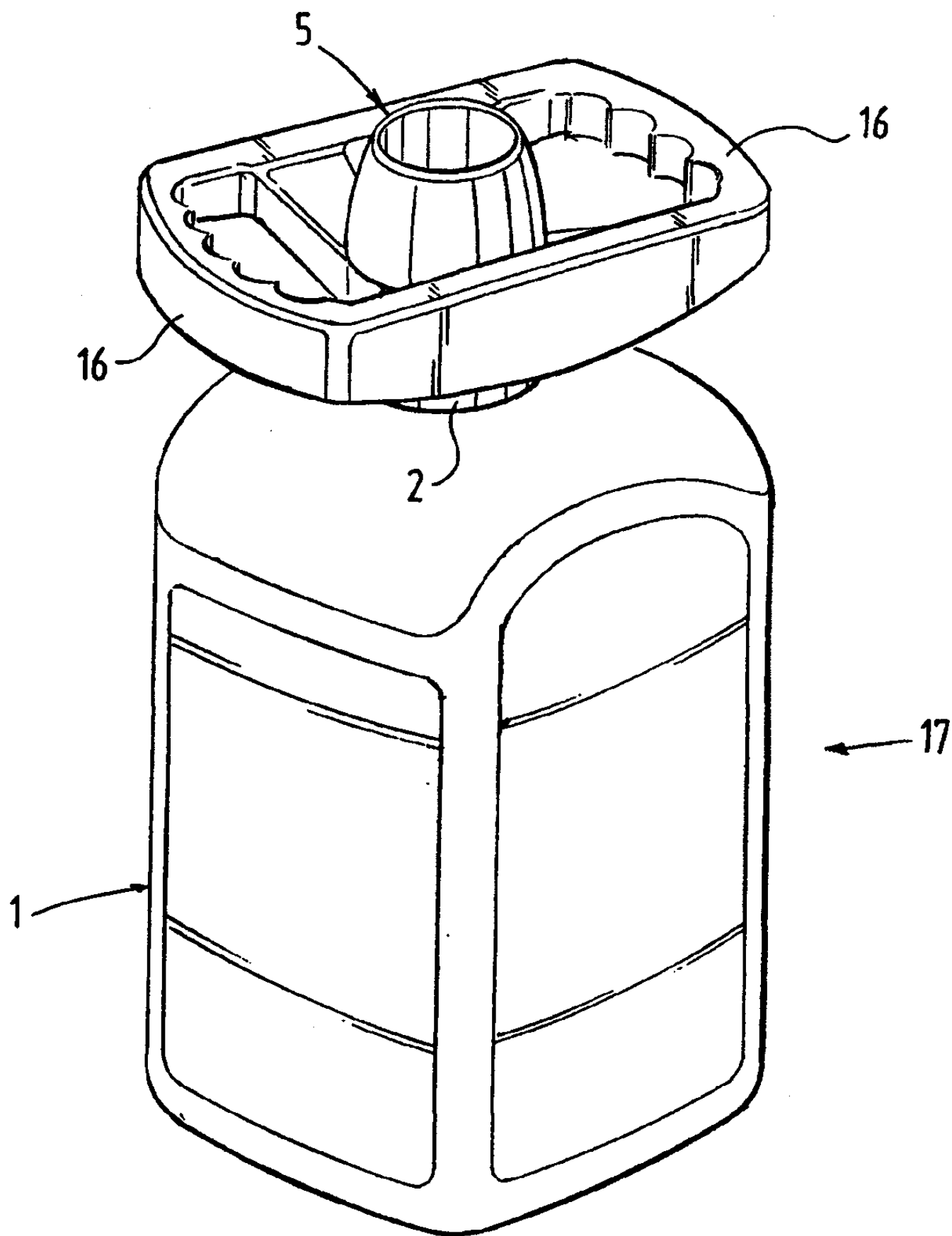
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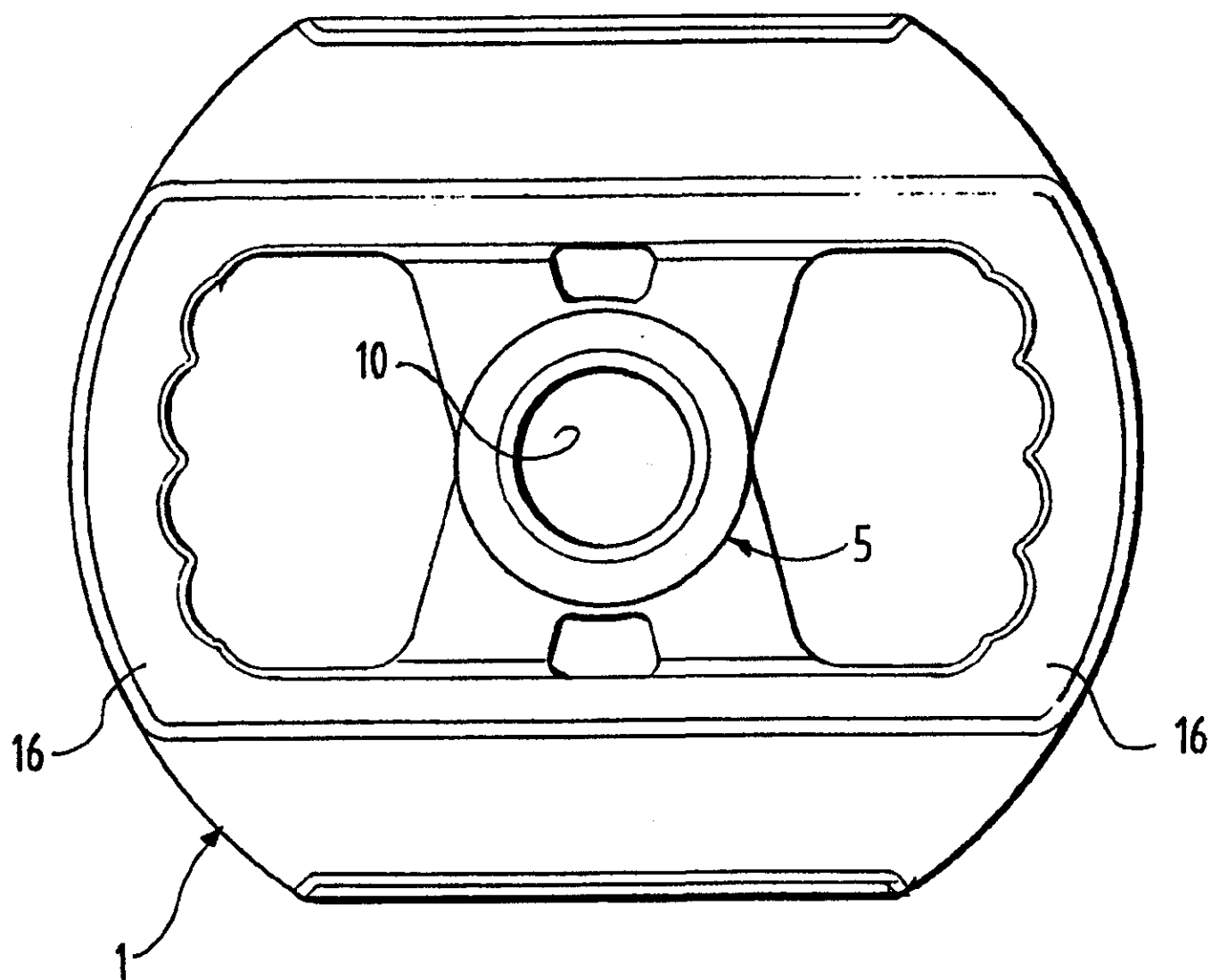
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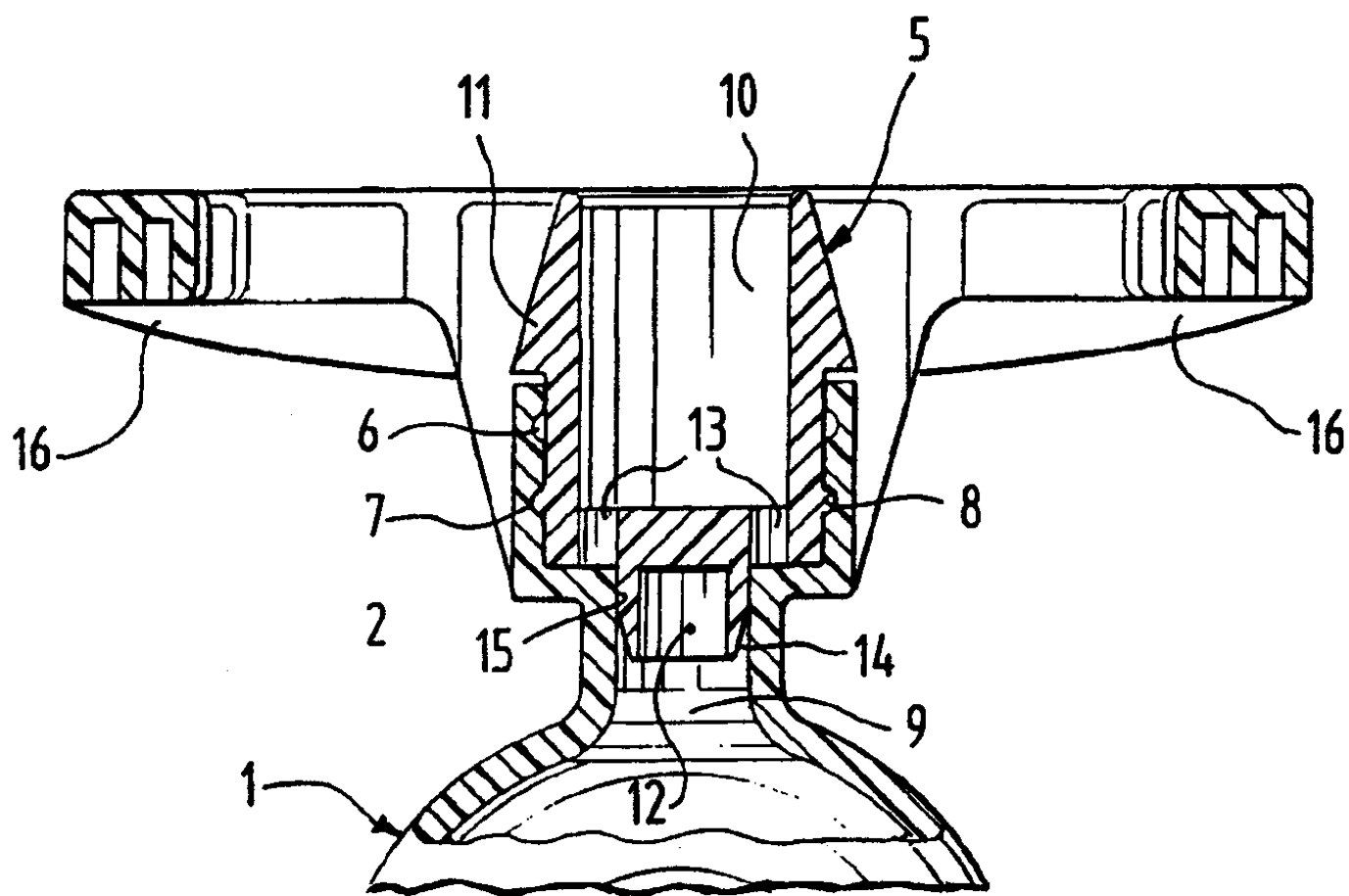
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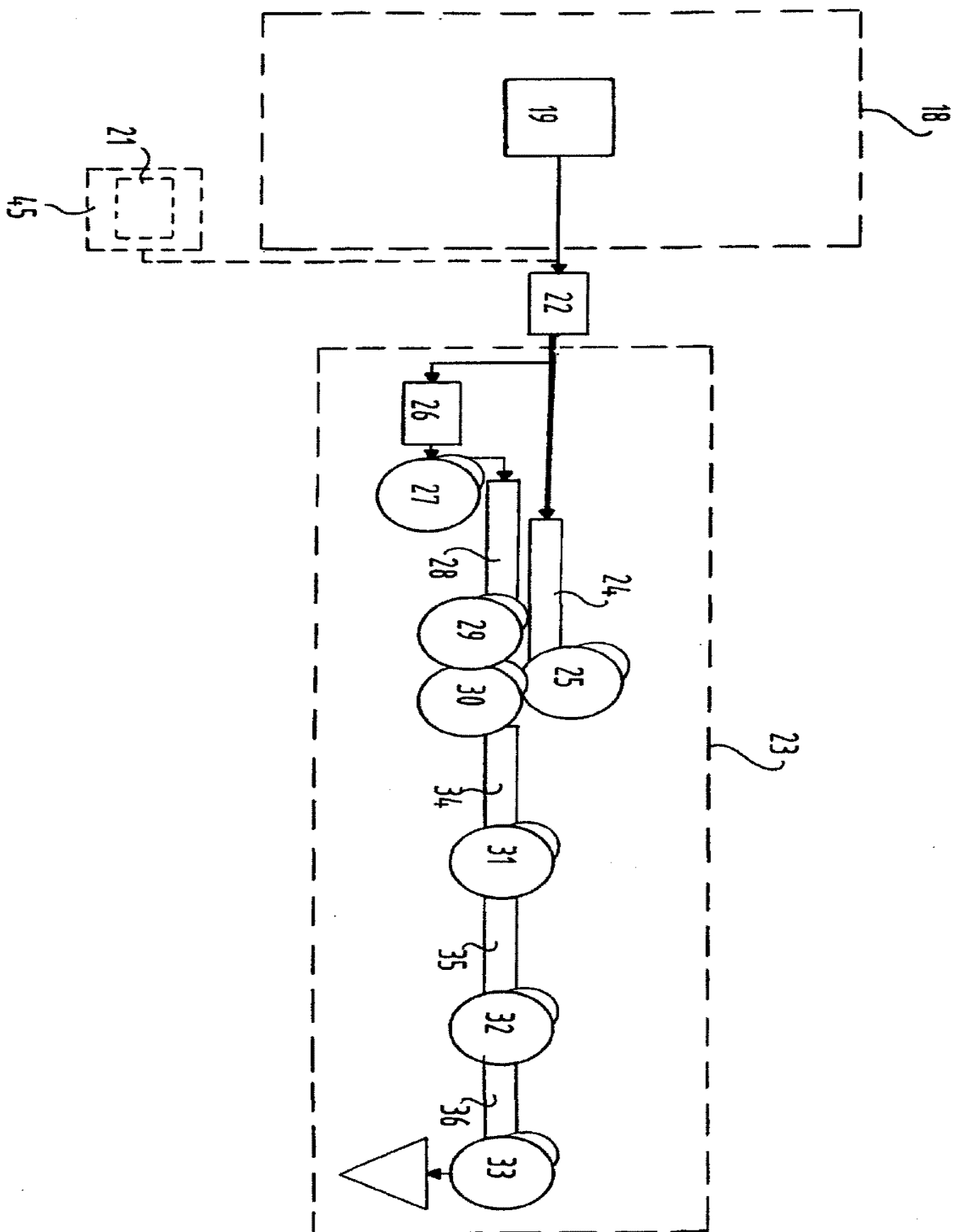
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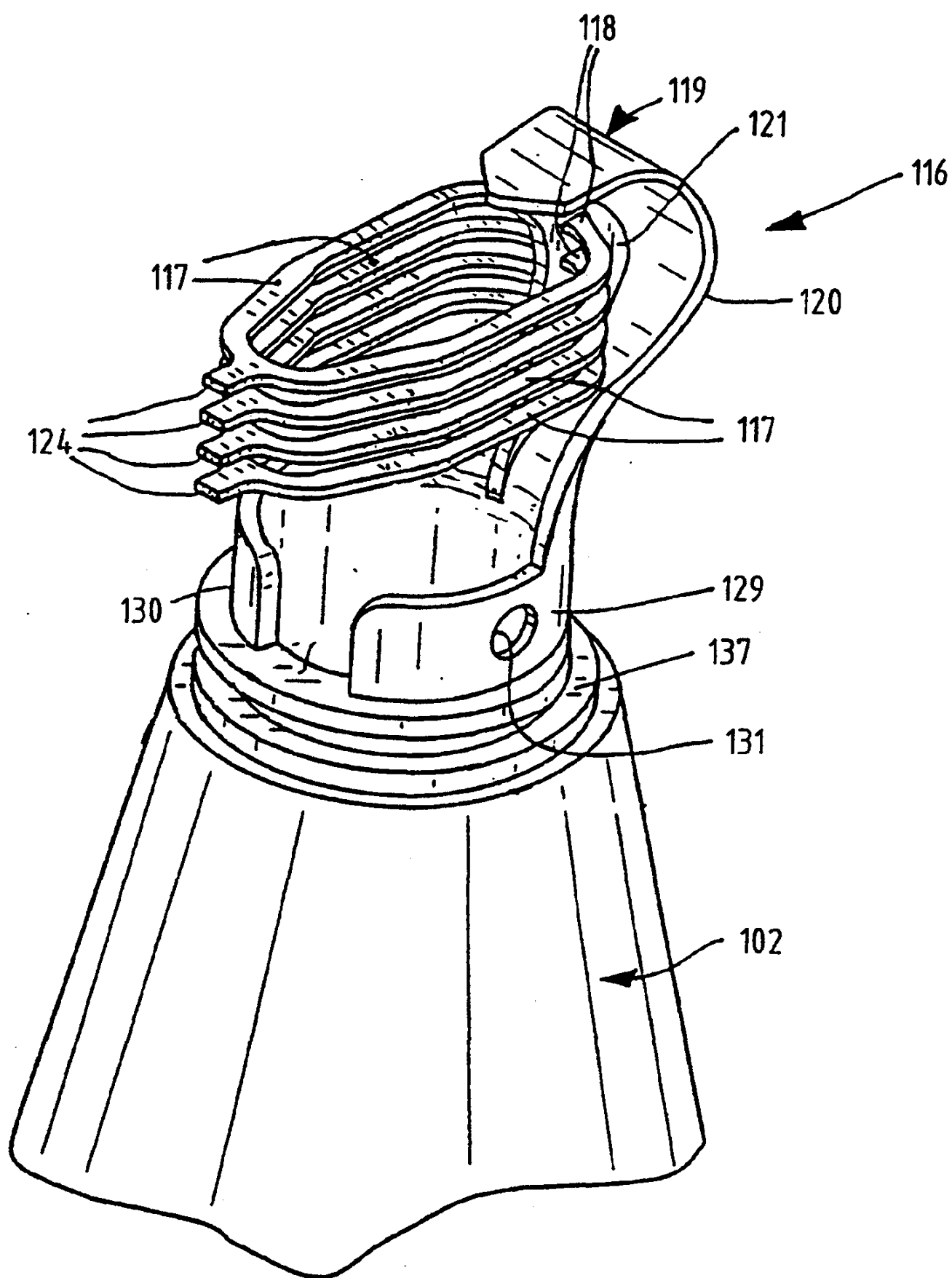
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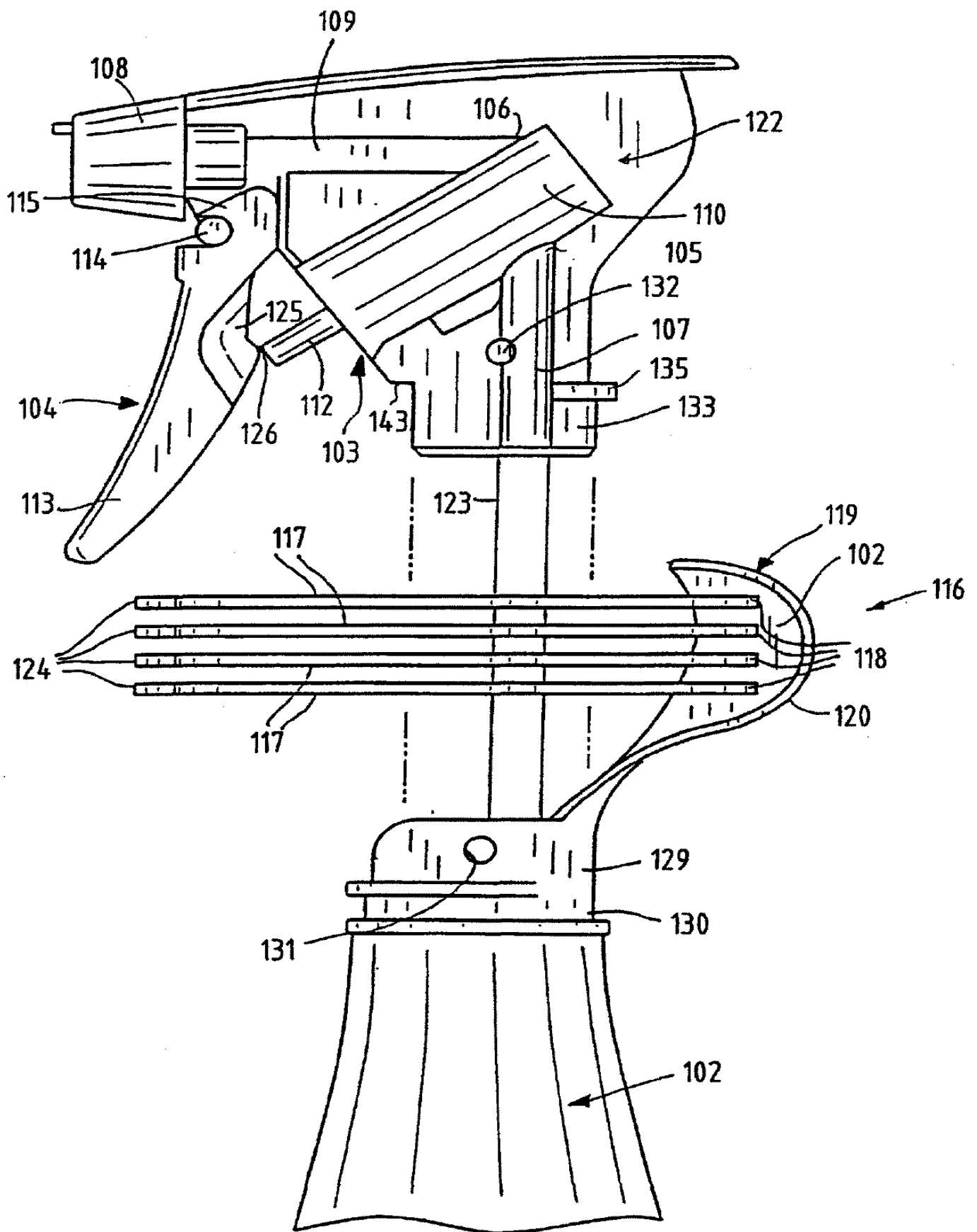
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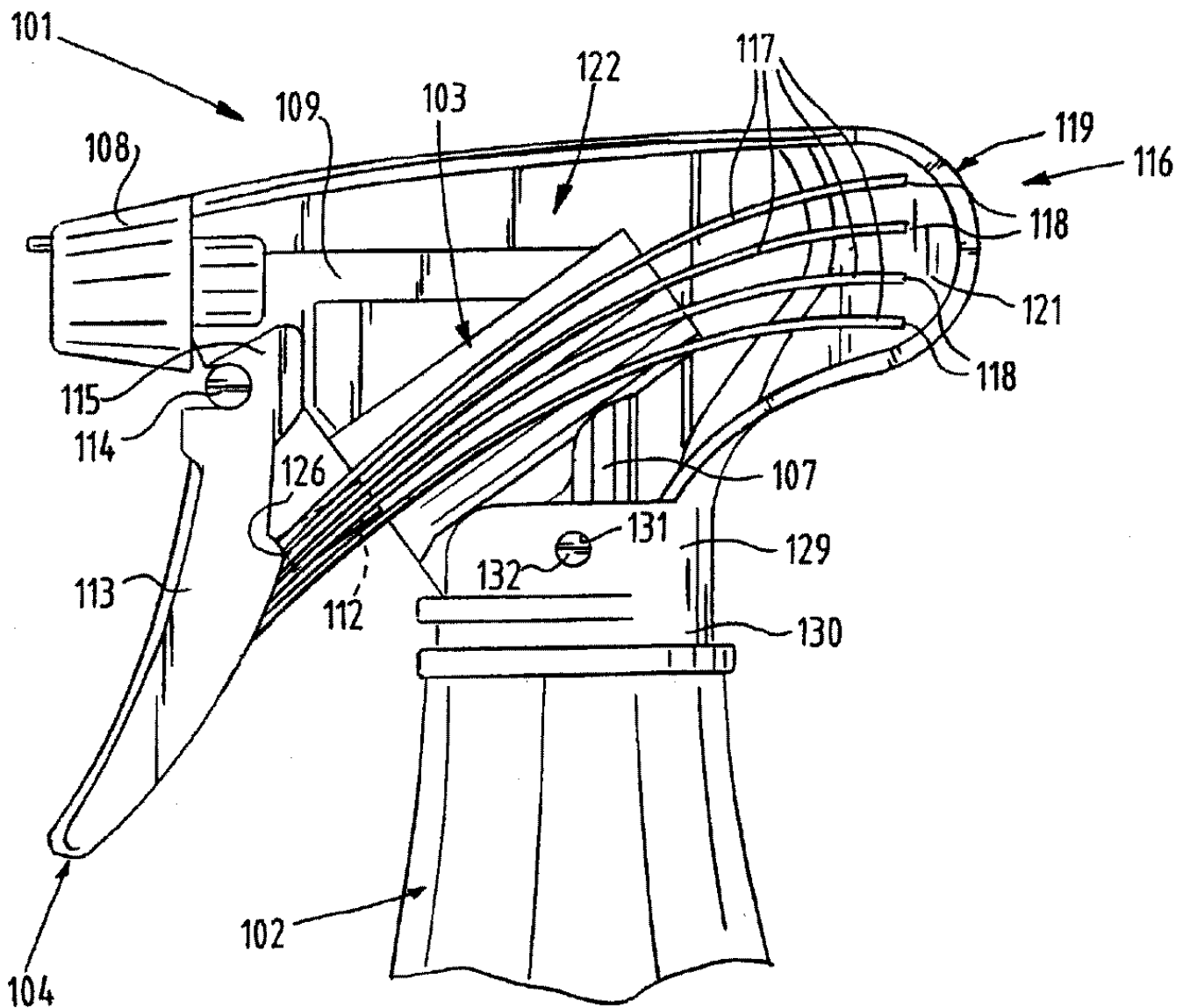
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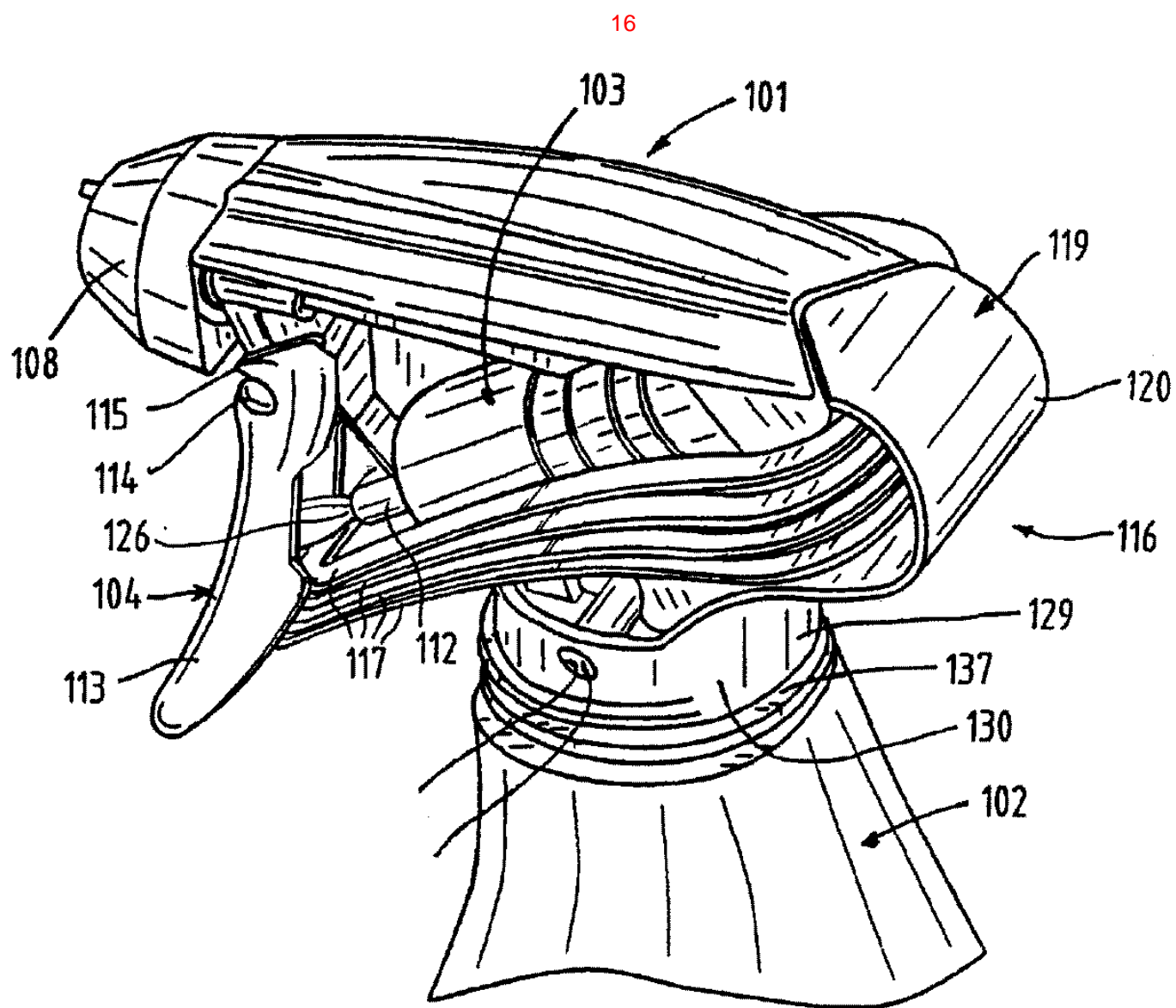


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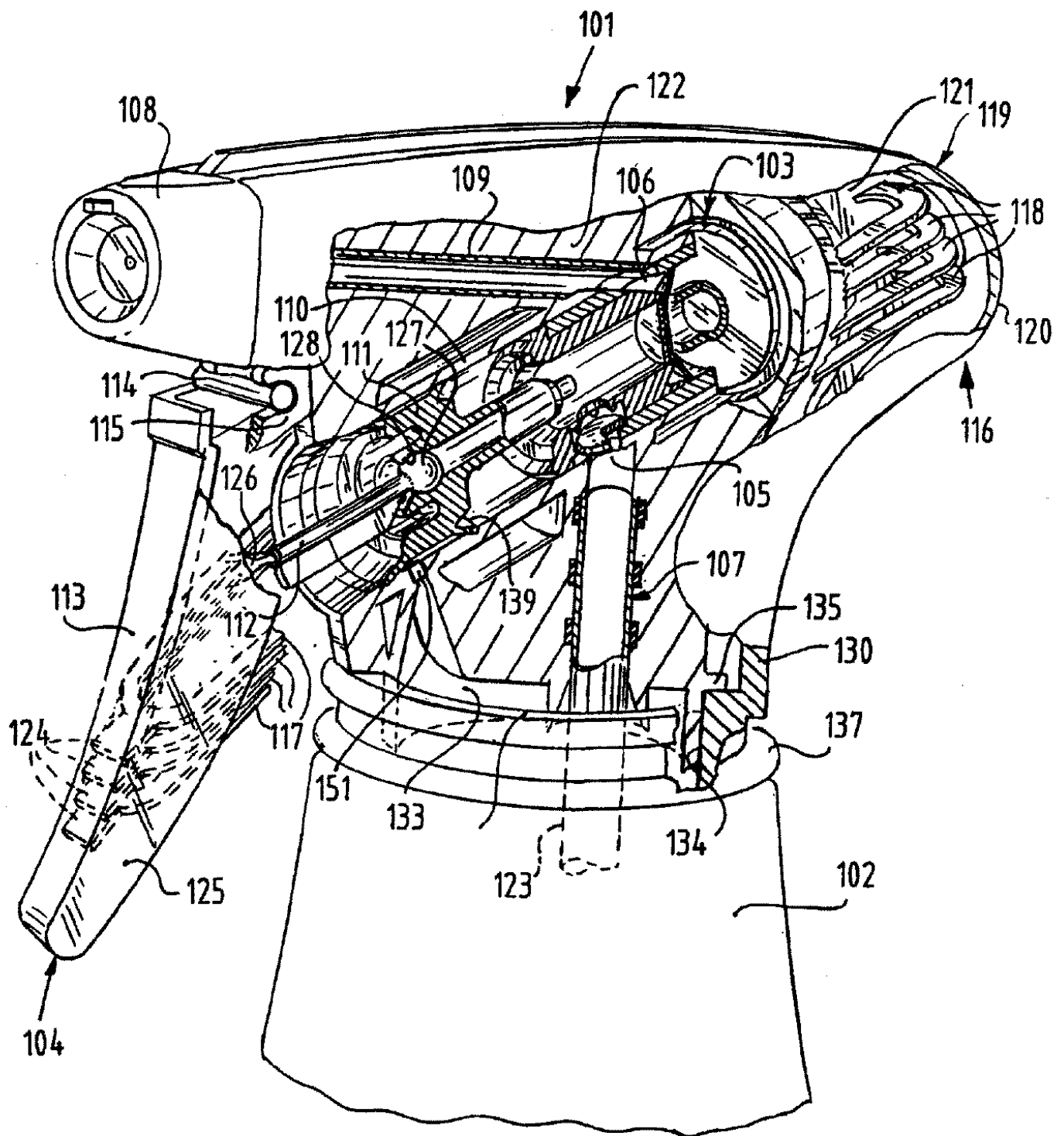


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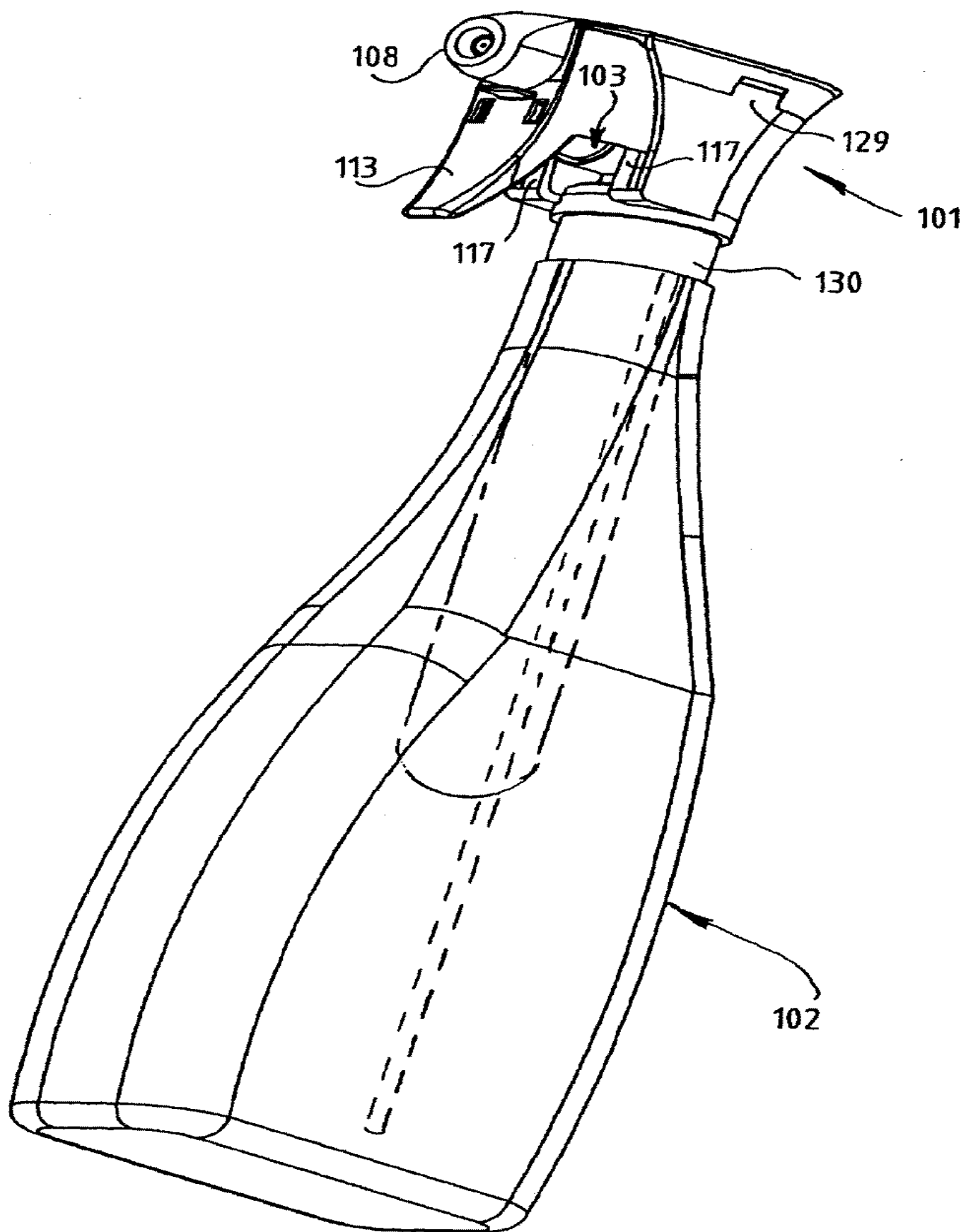




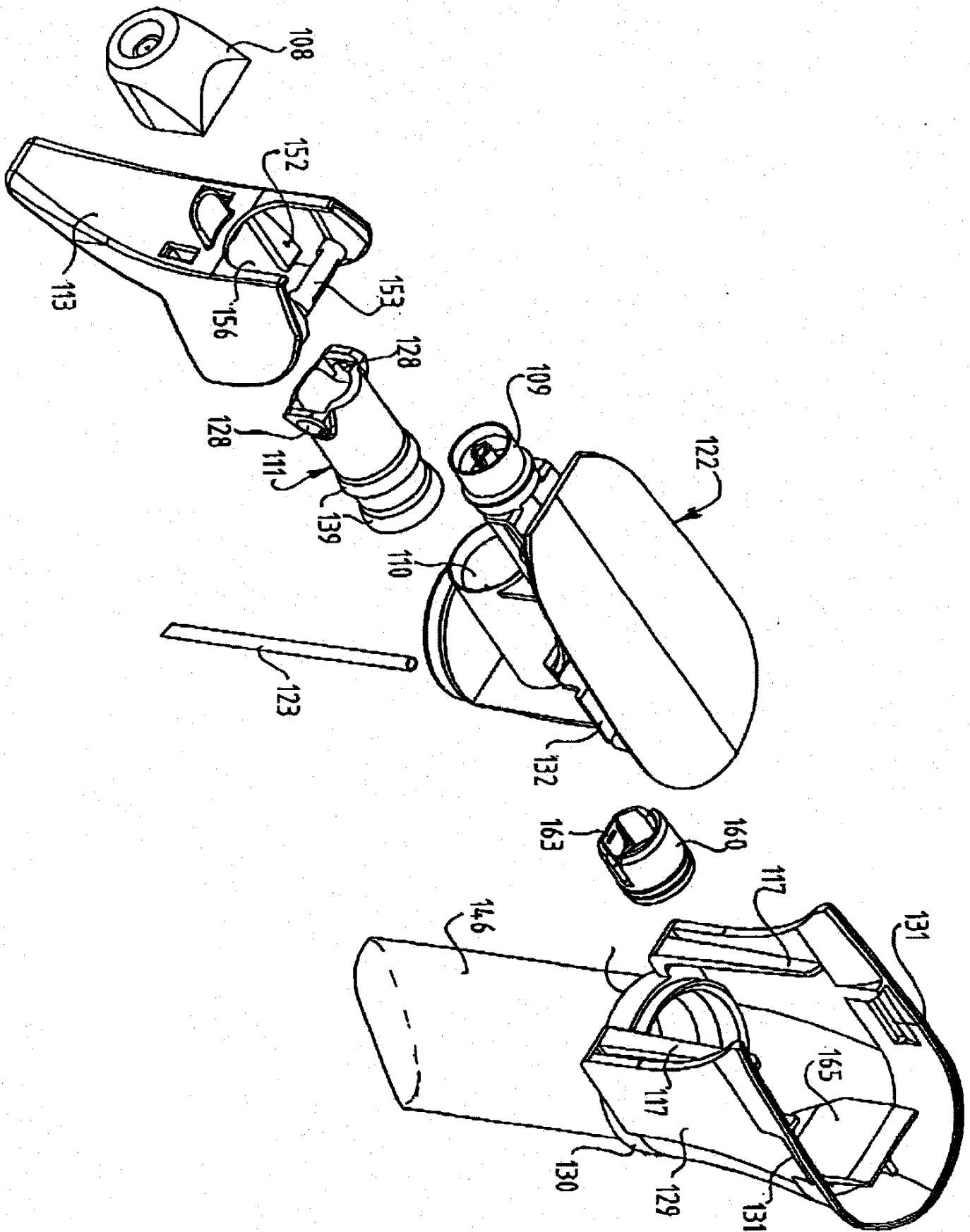
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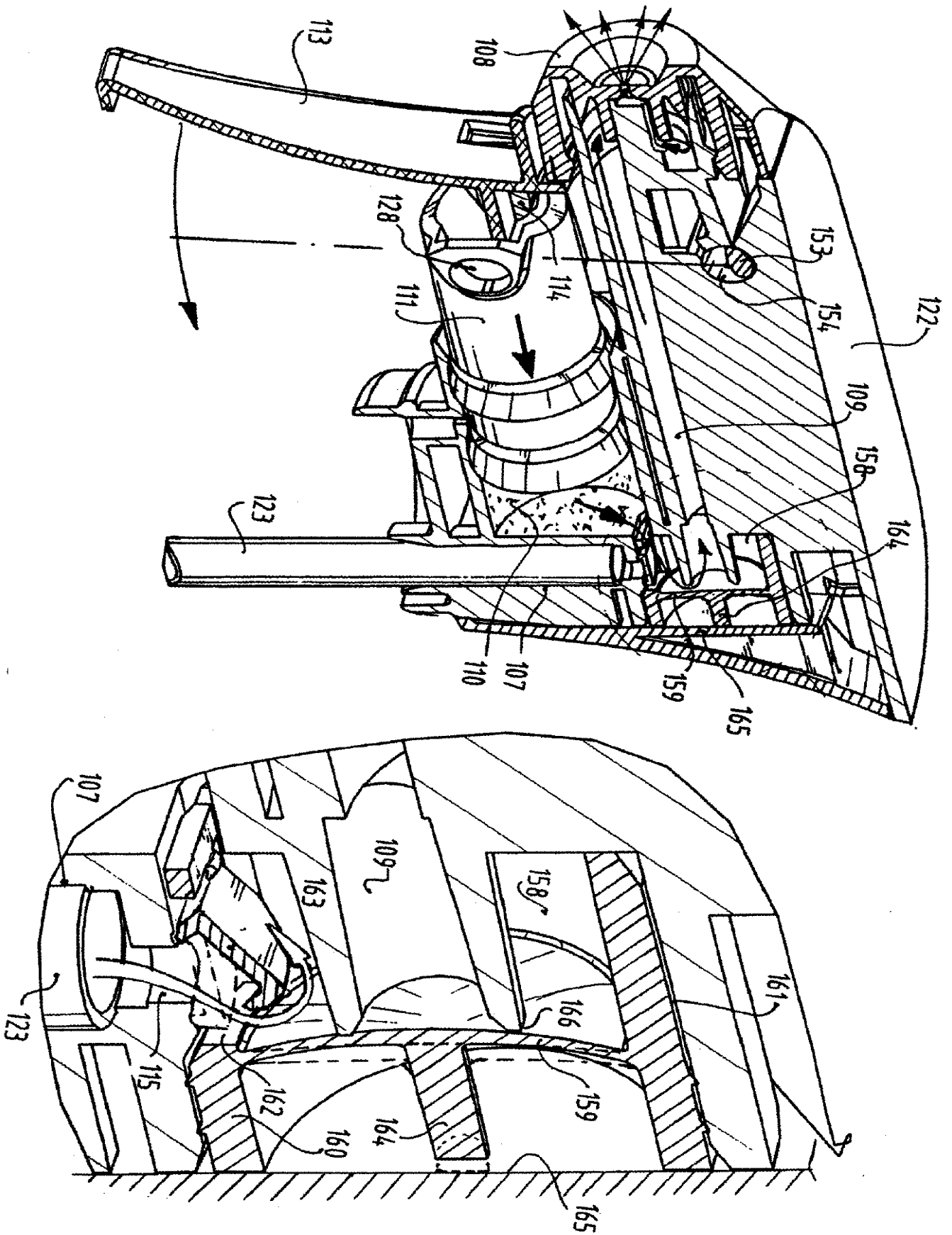
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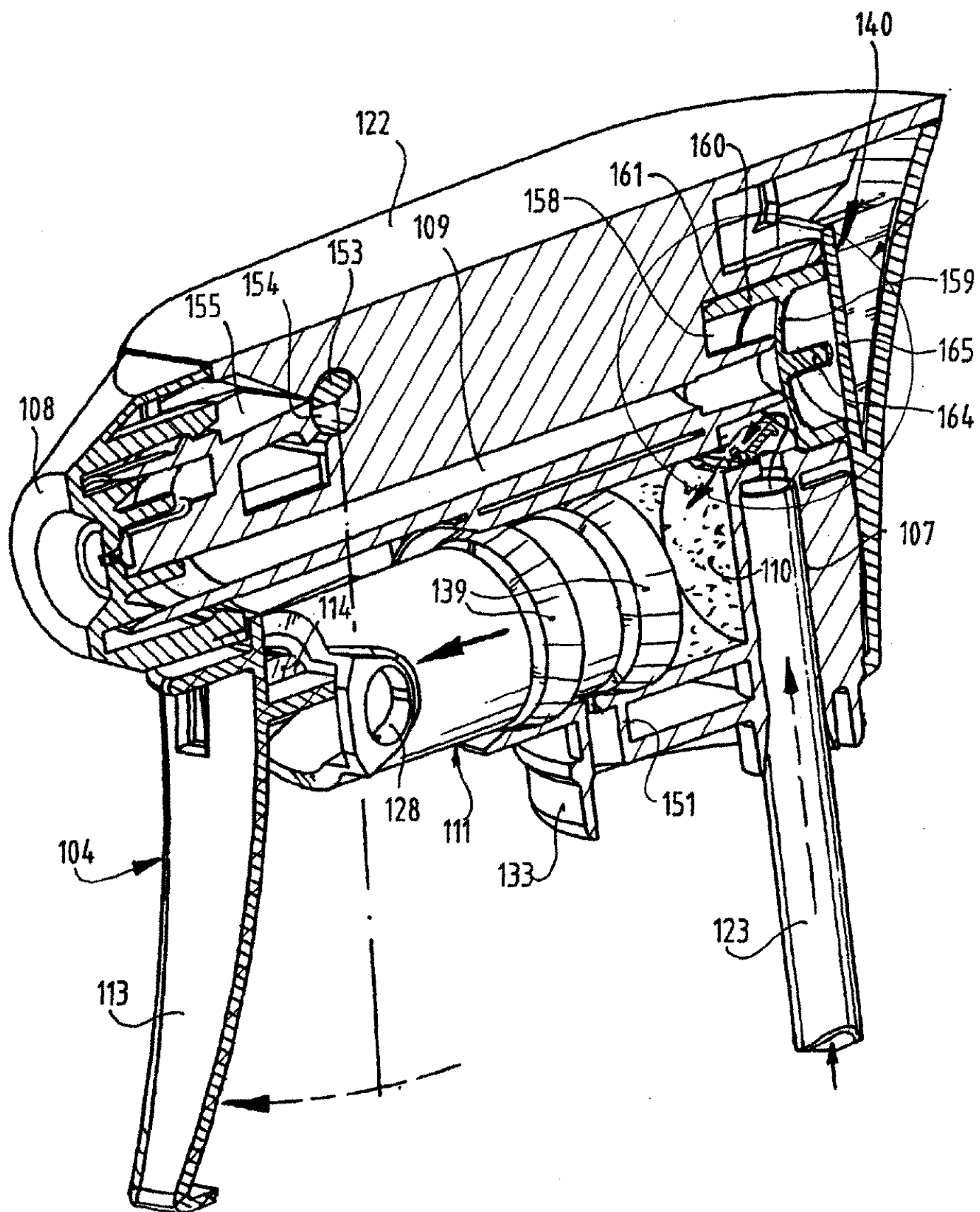
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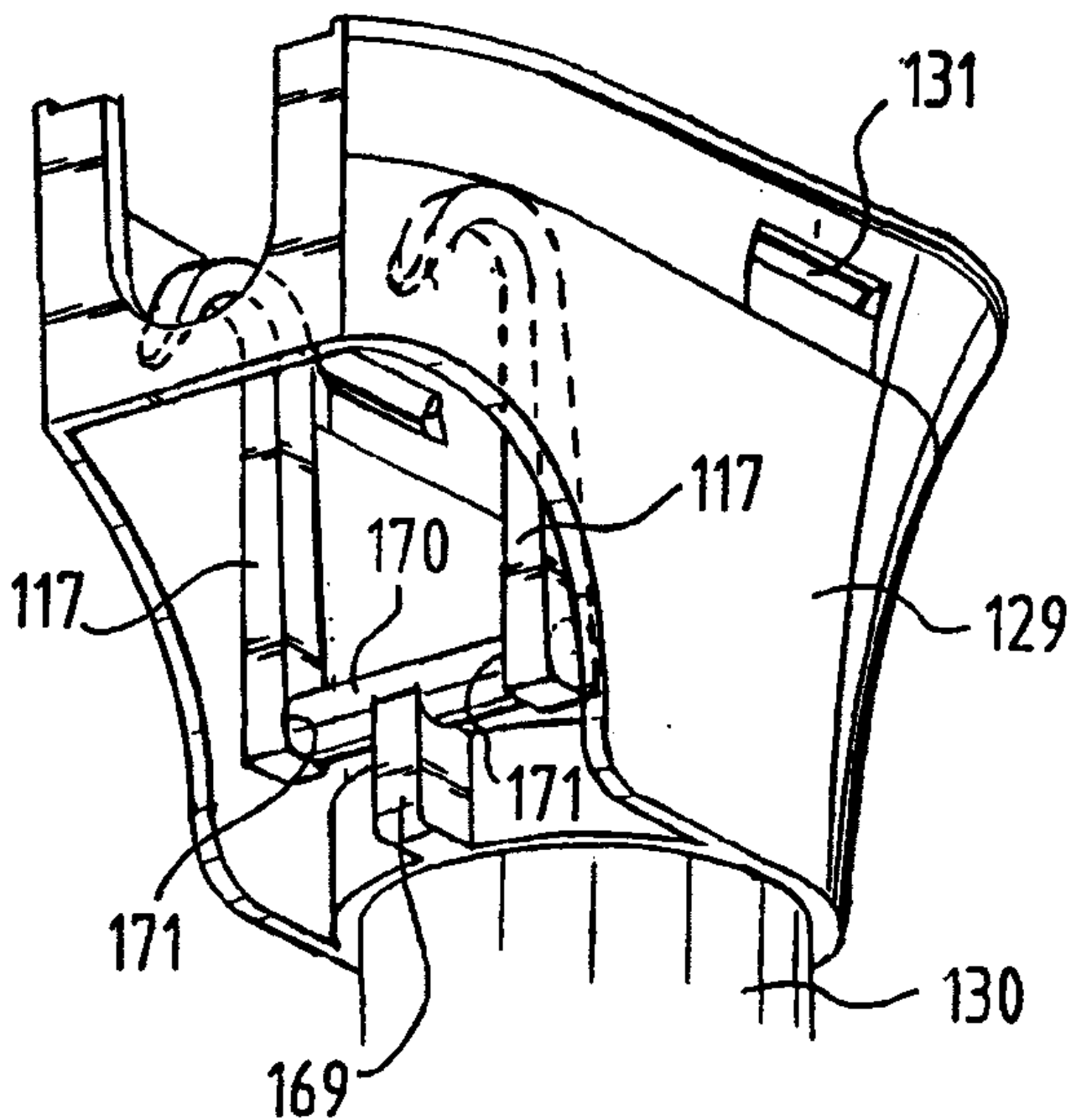
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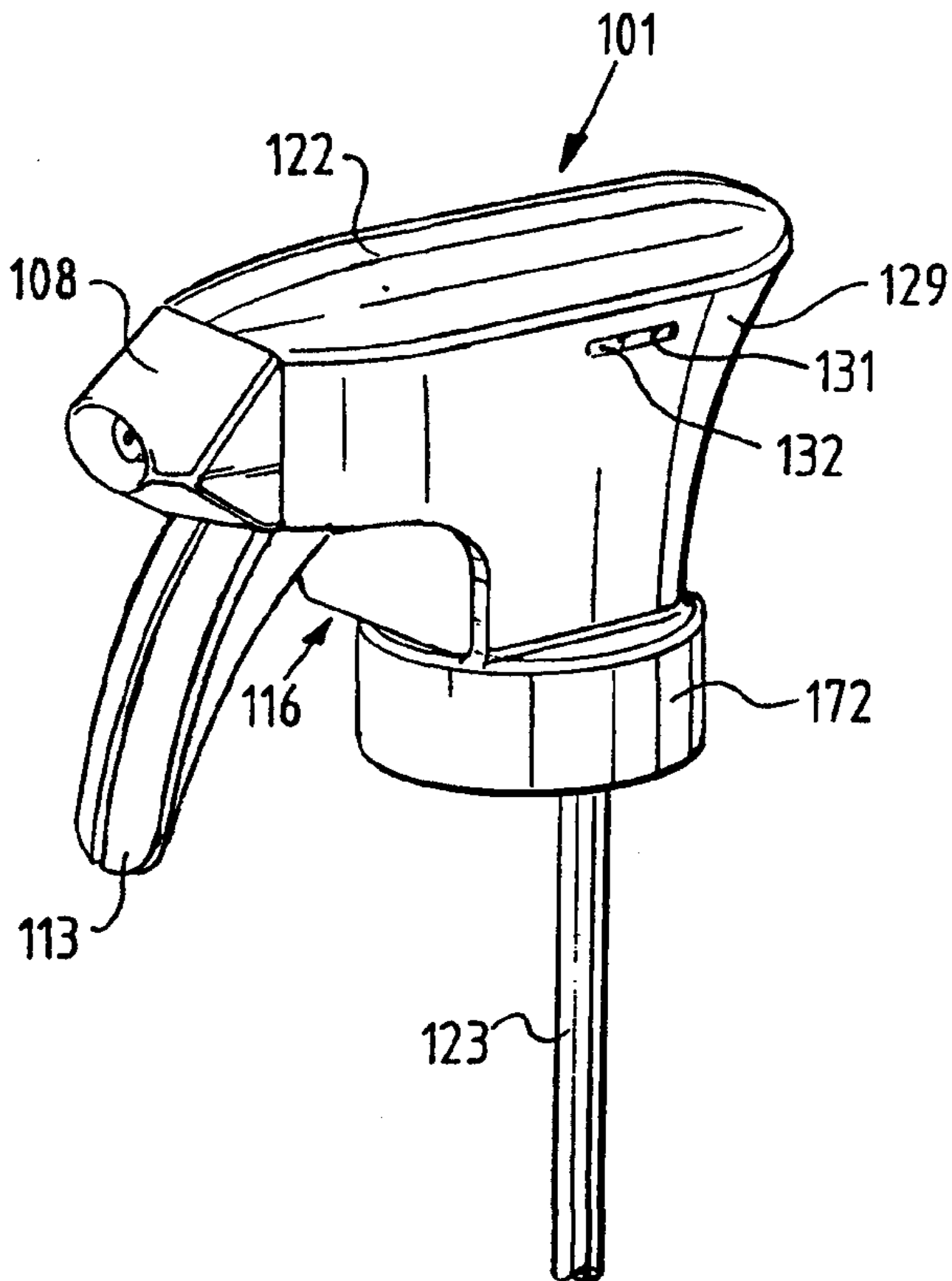
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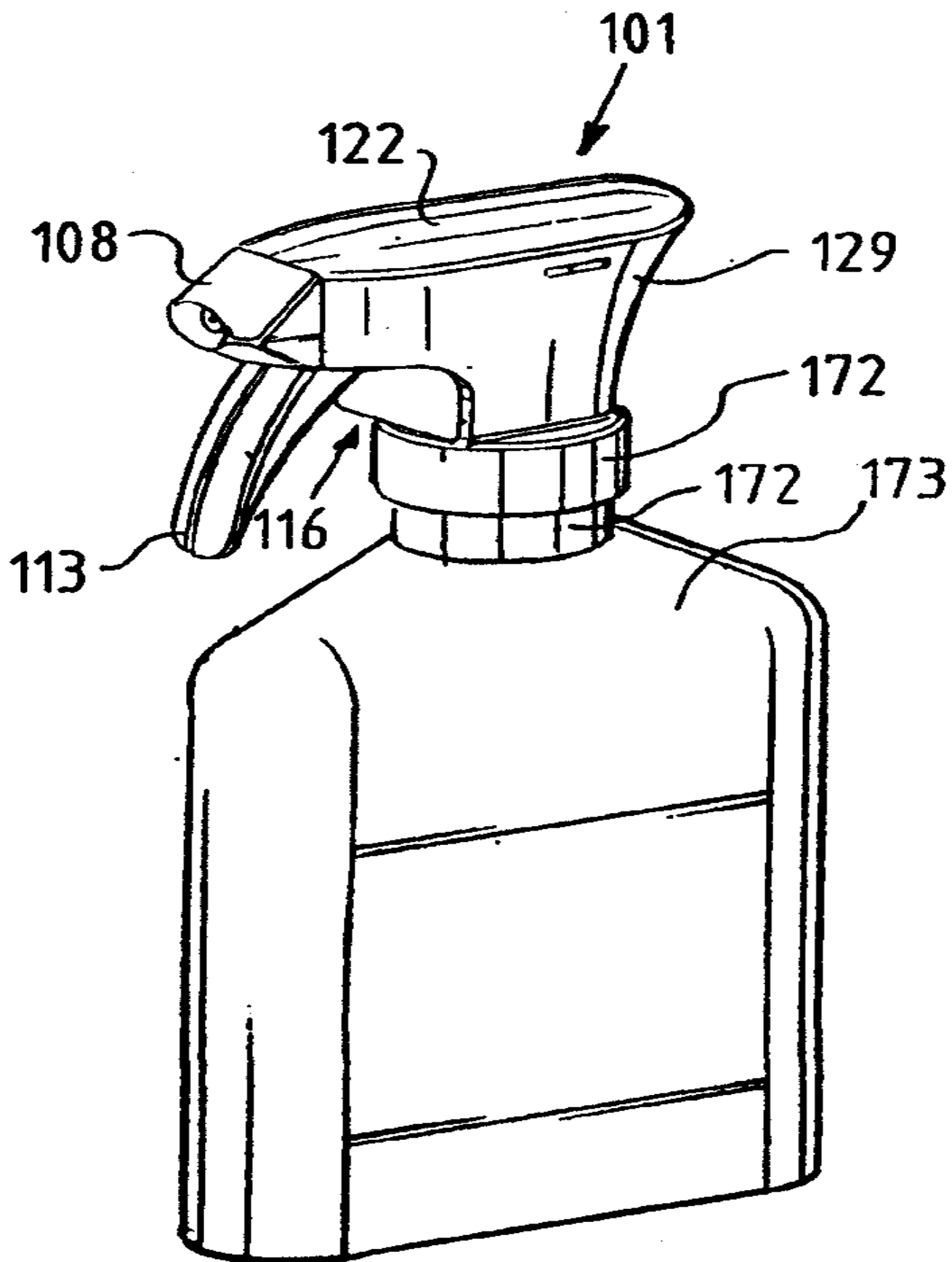
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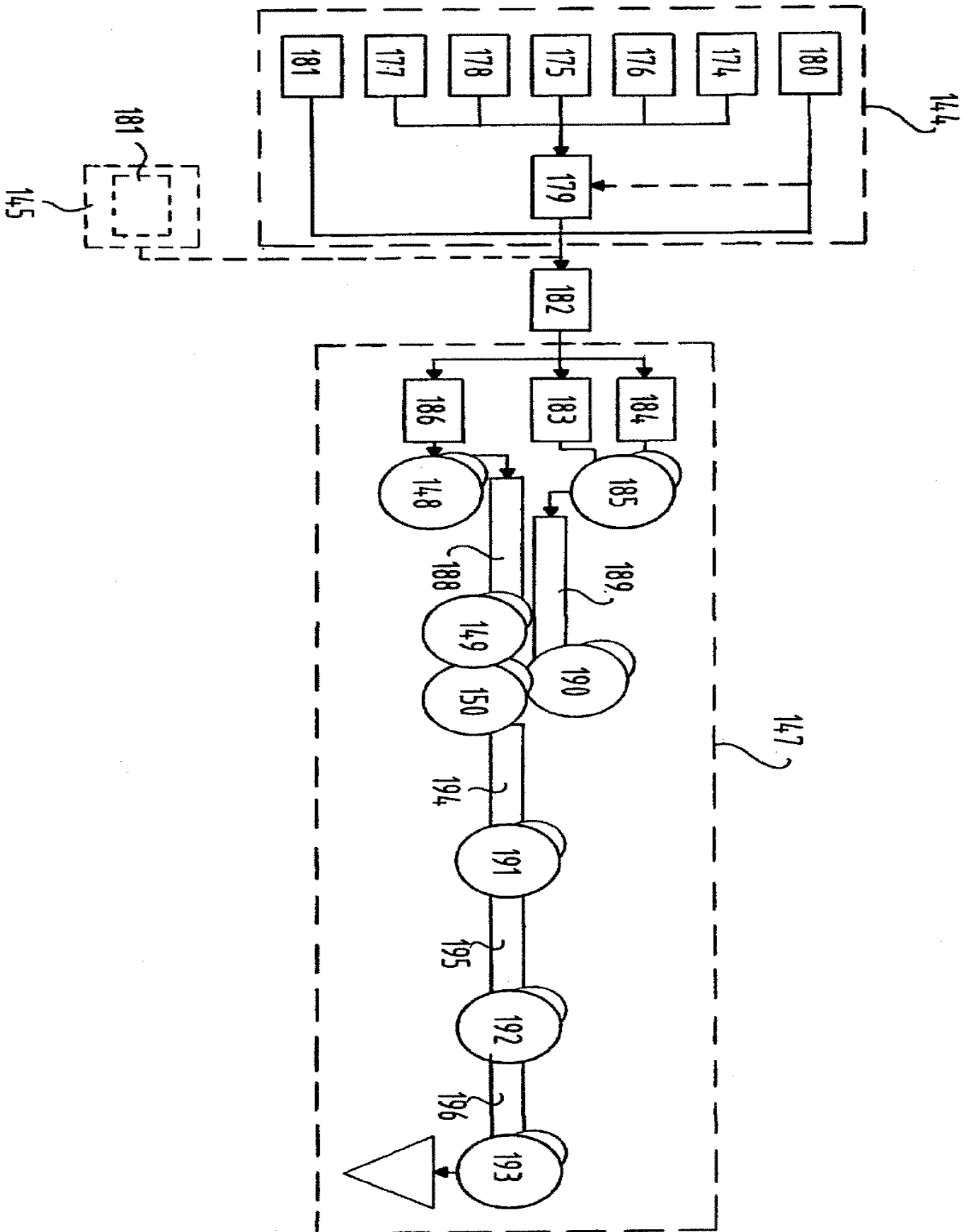
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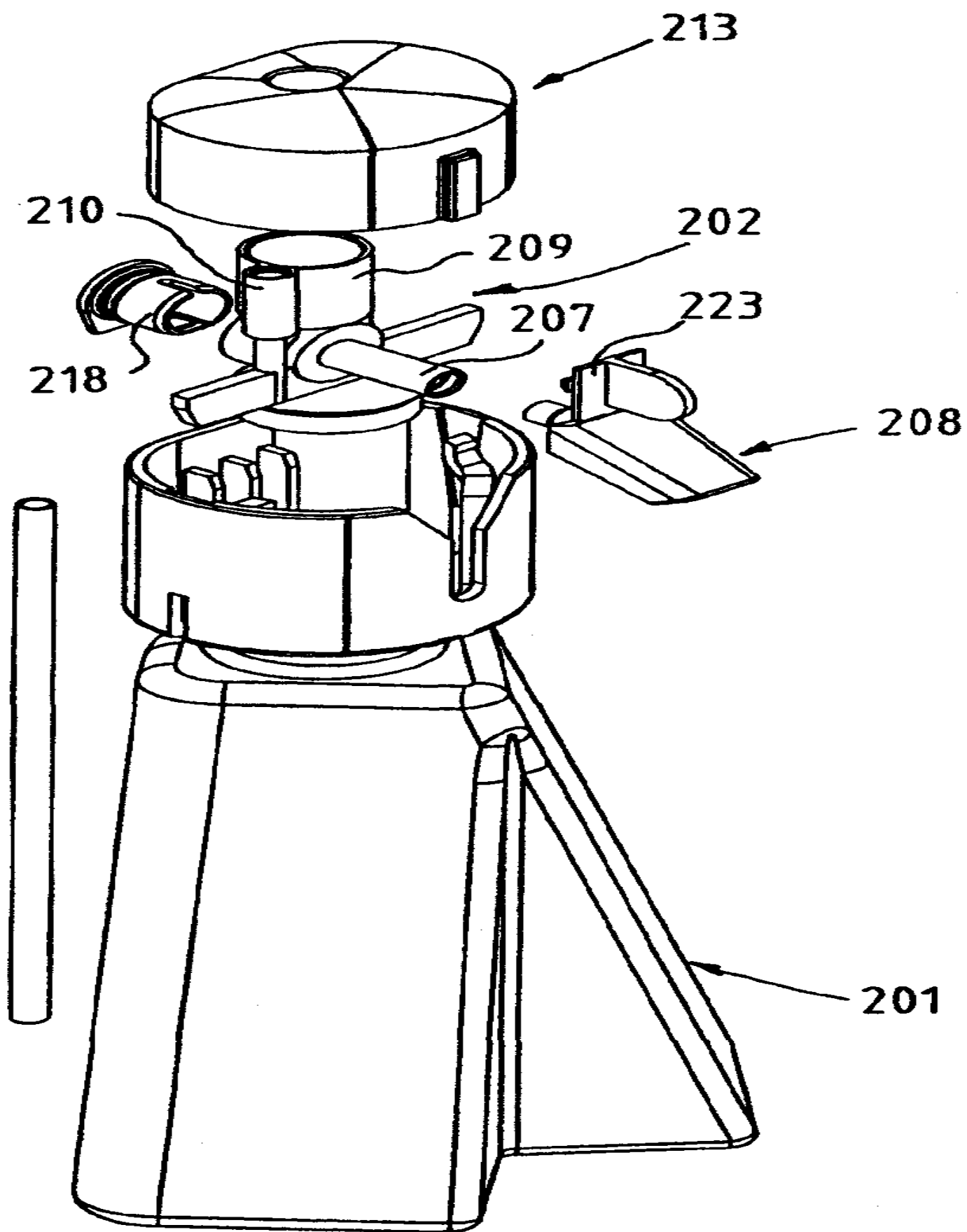
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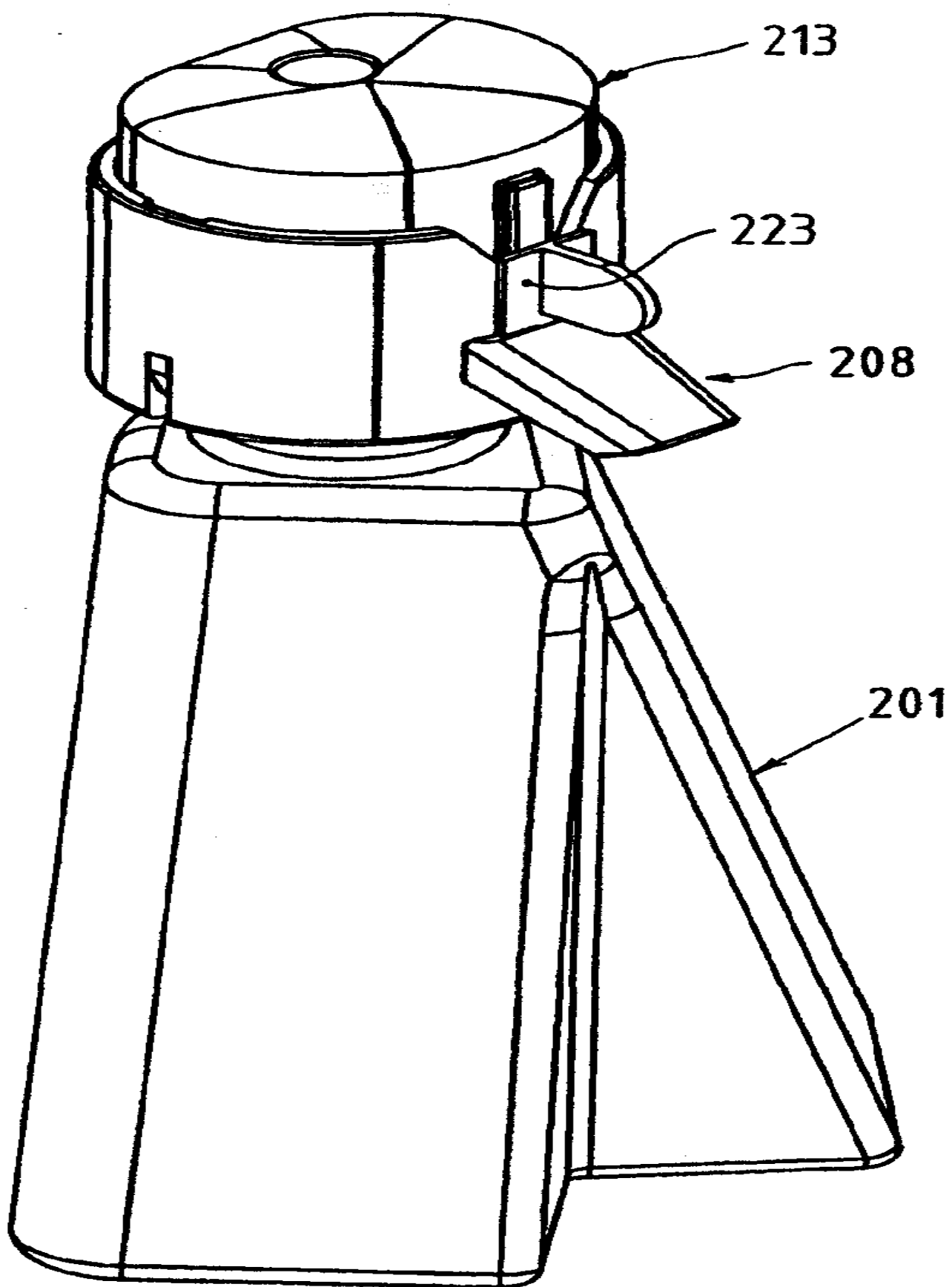
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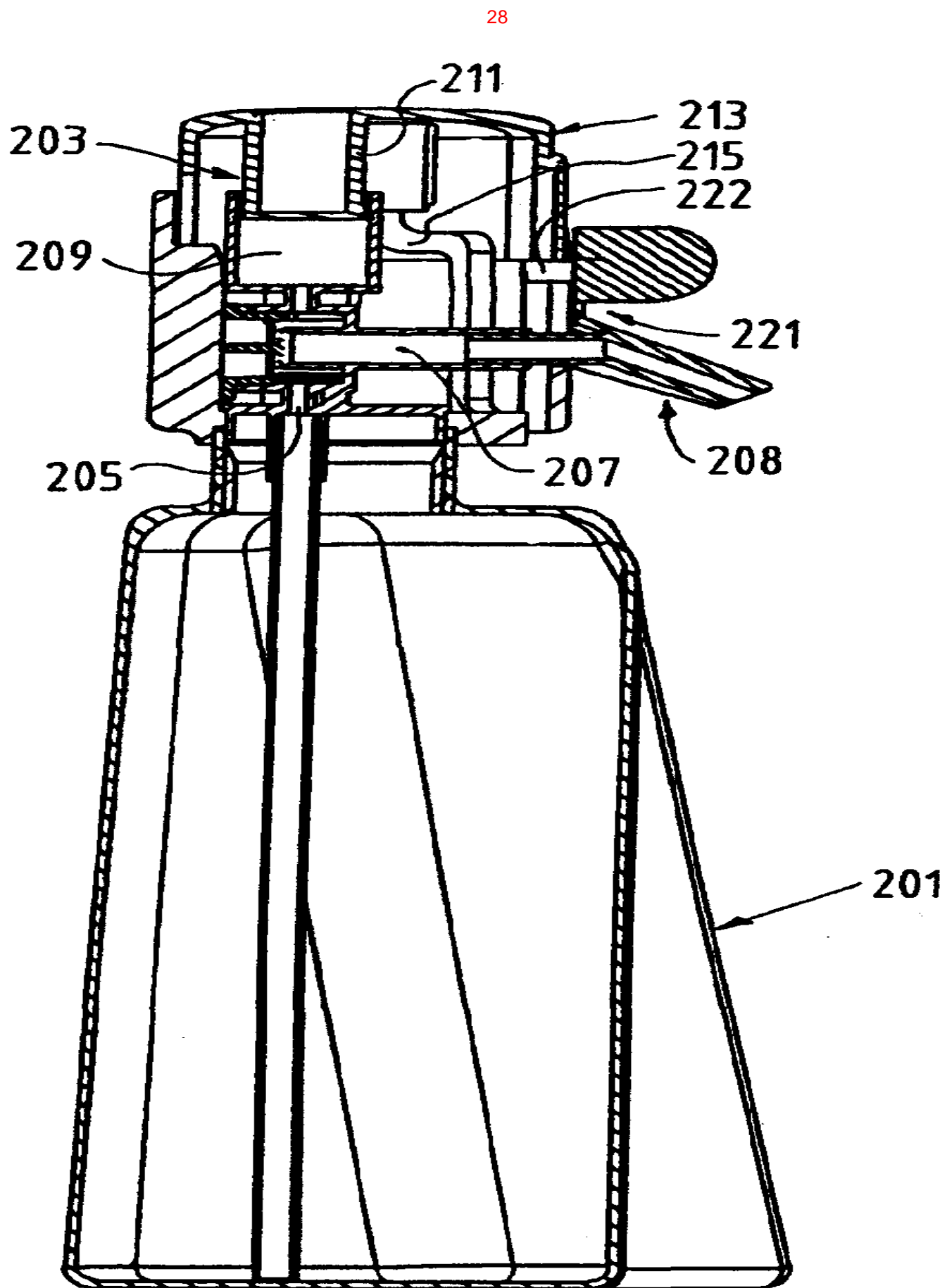


26

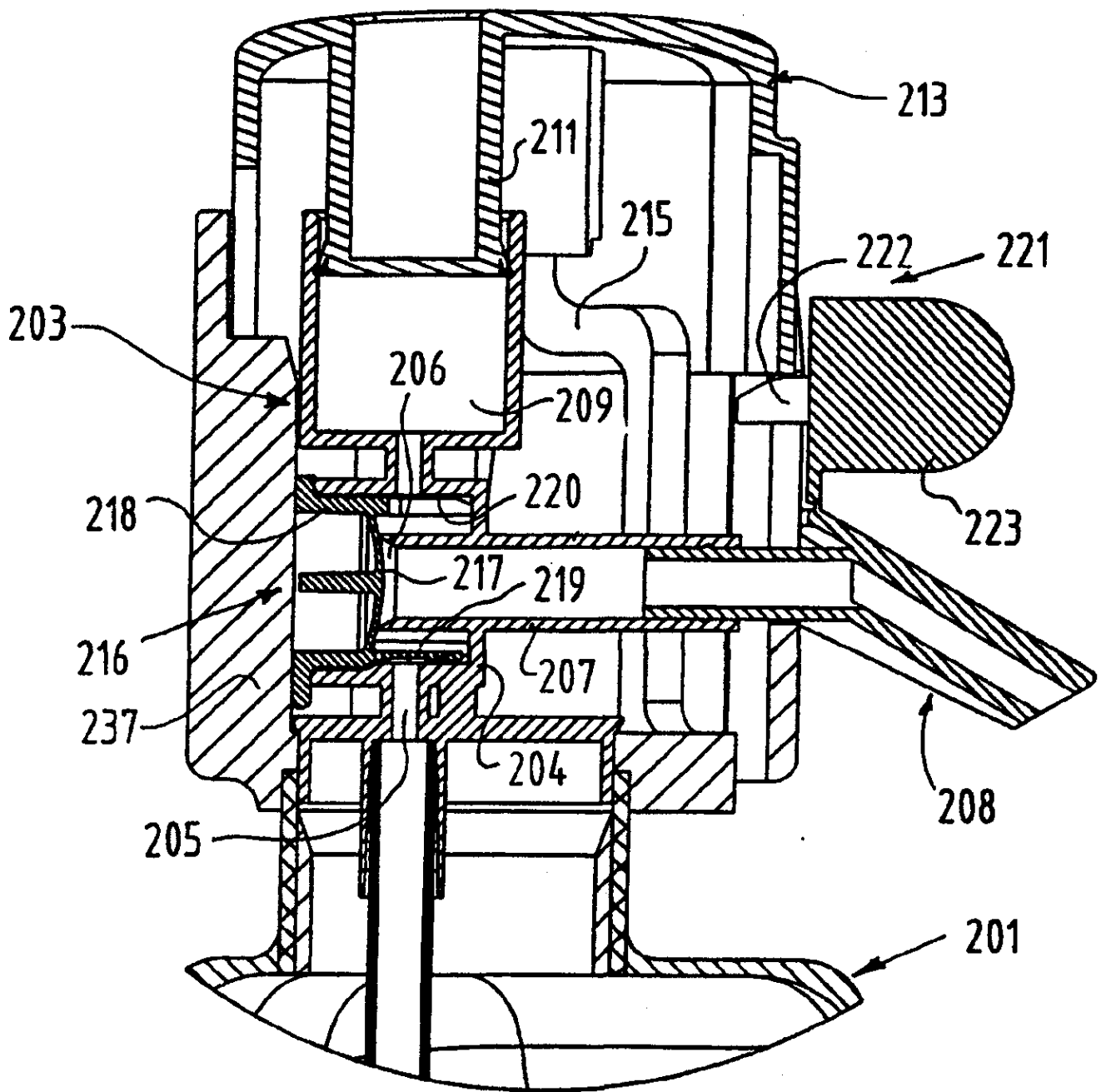


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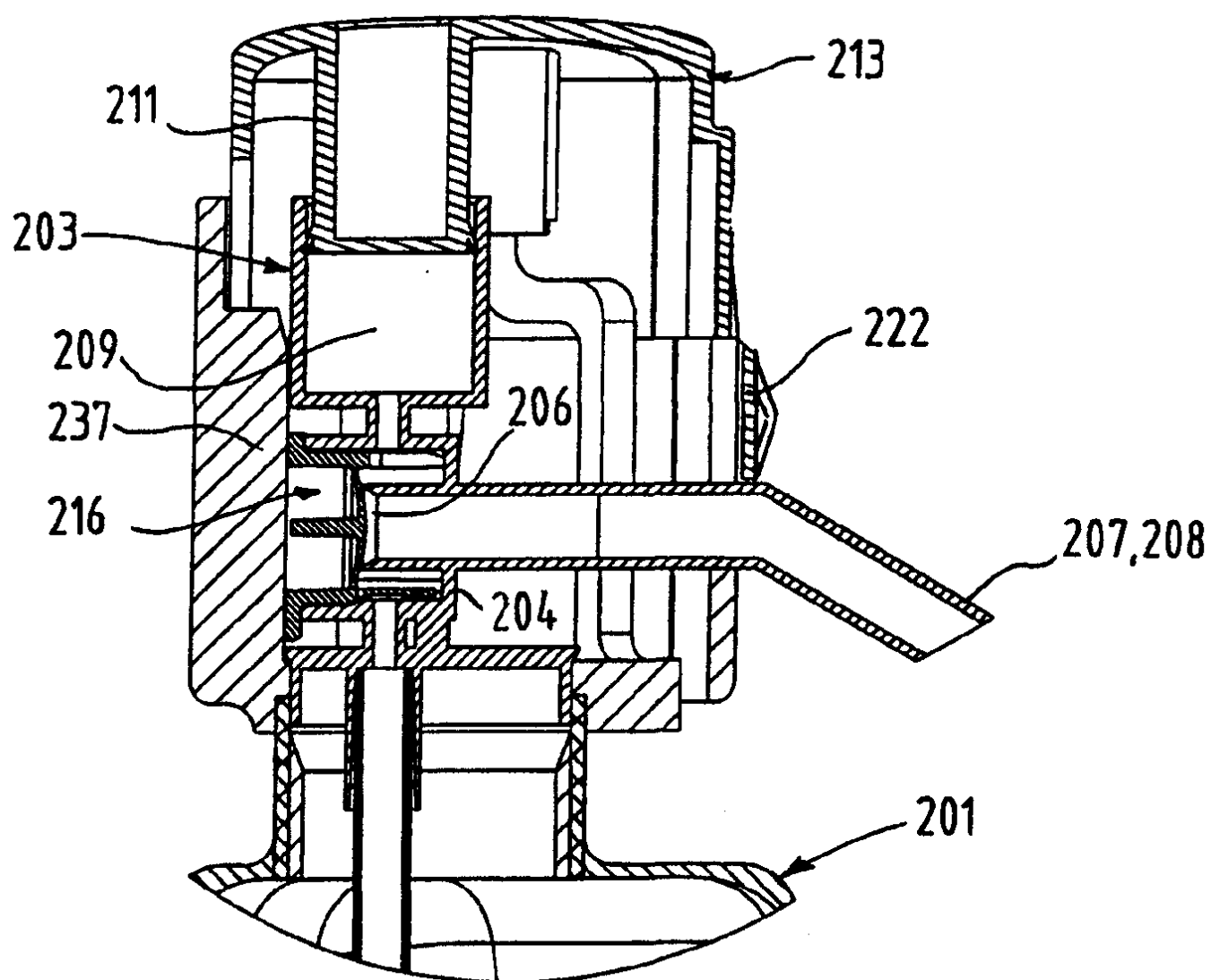




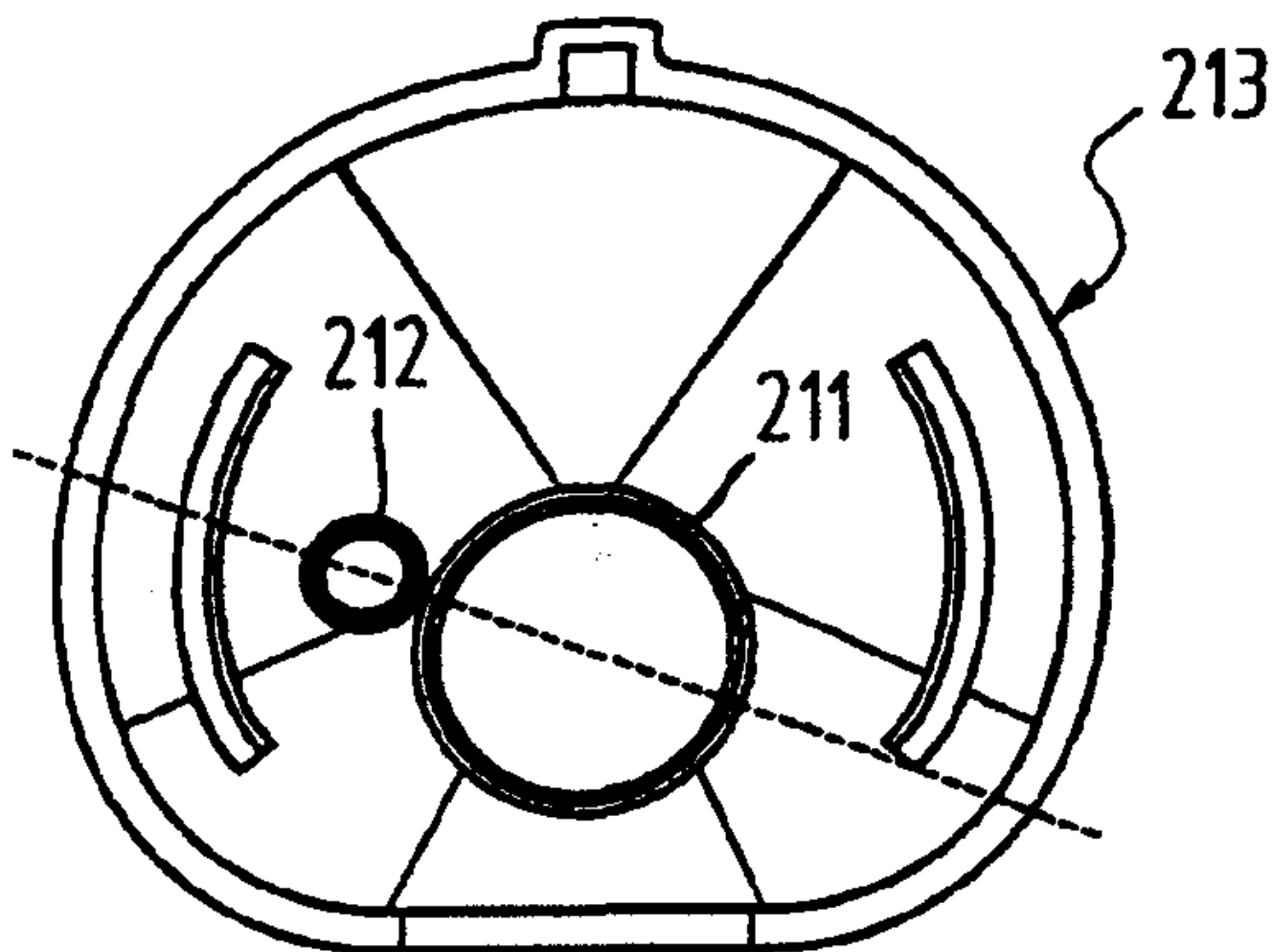
29



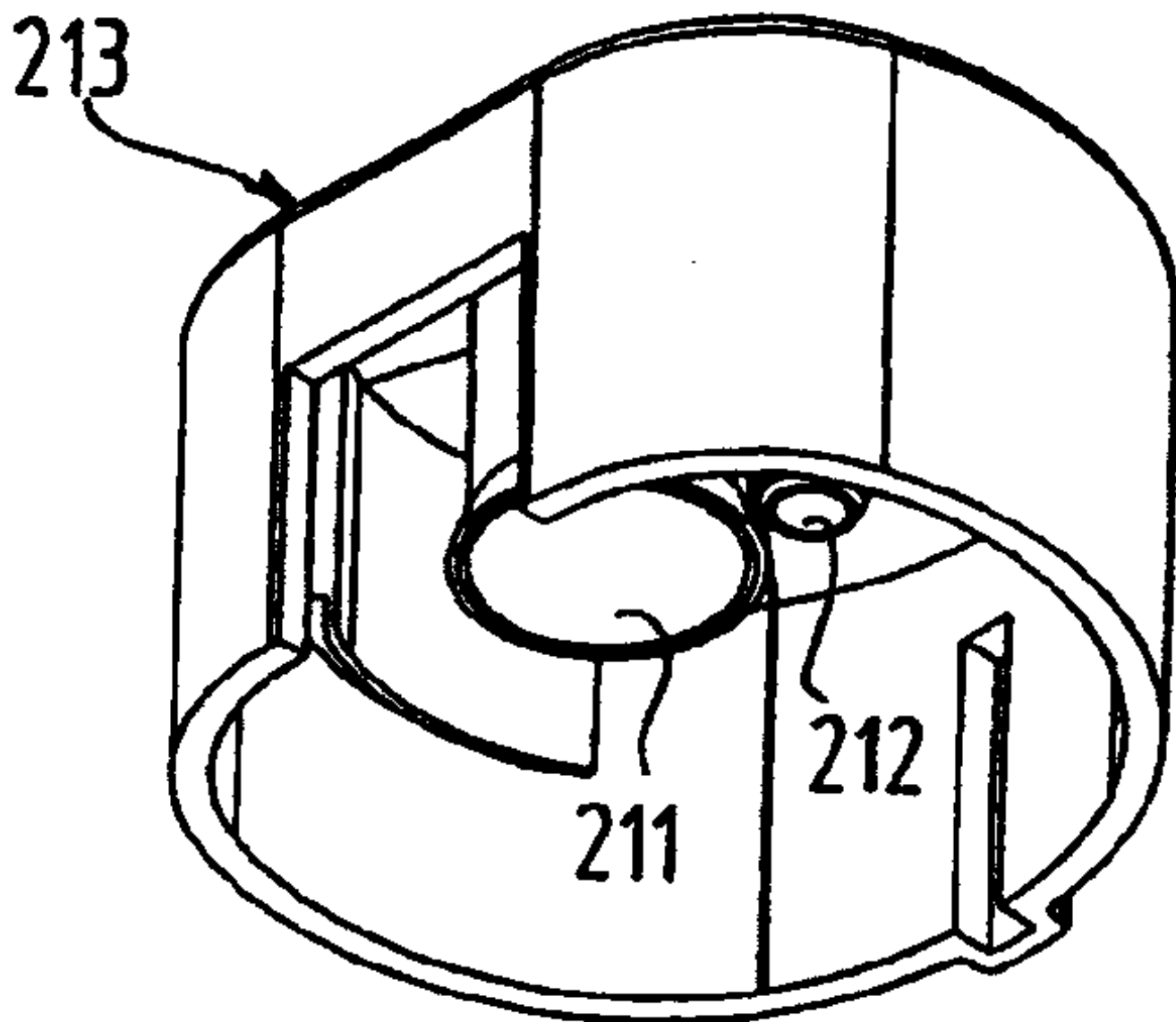
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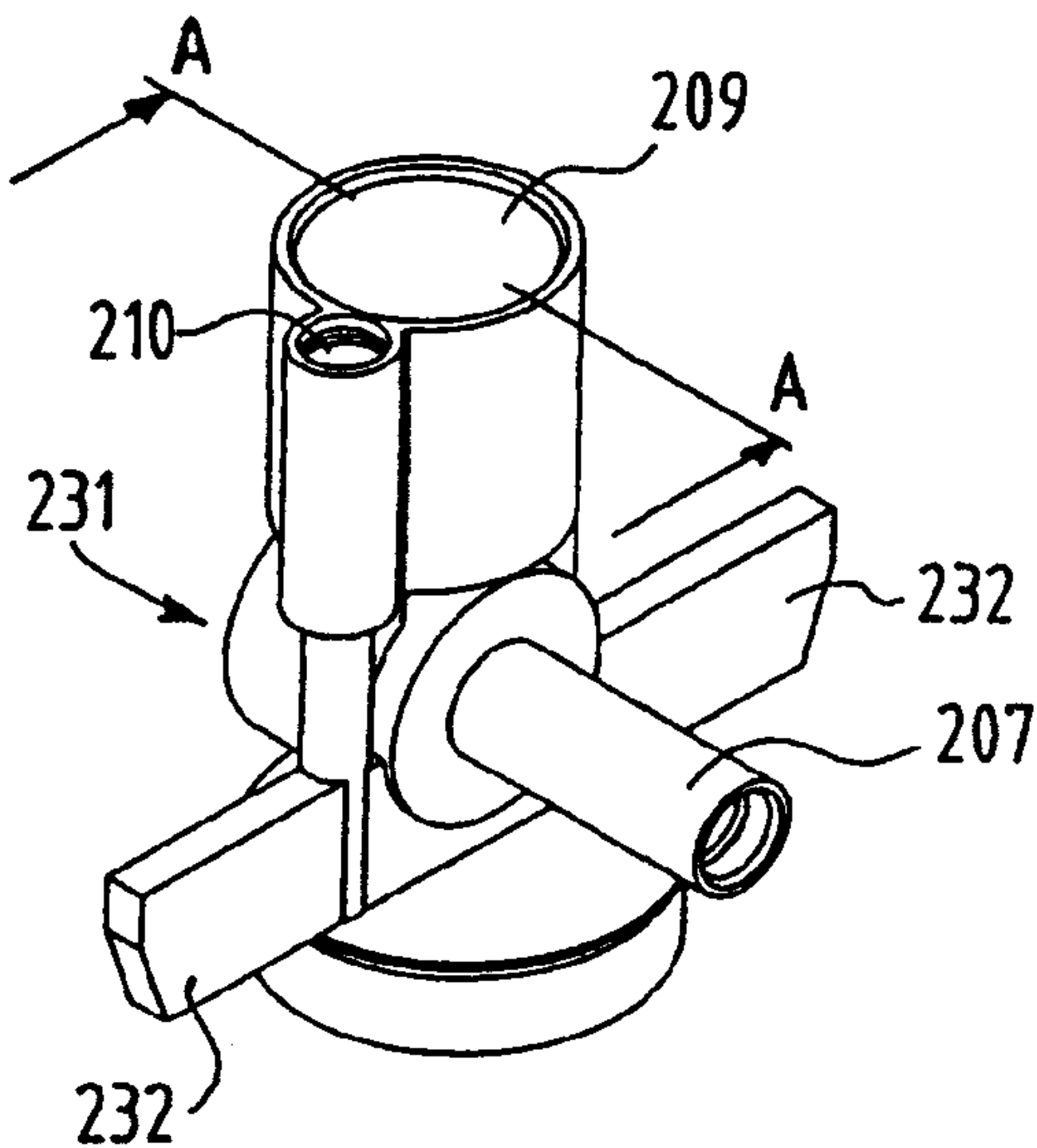
31a



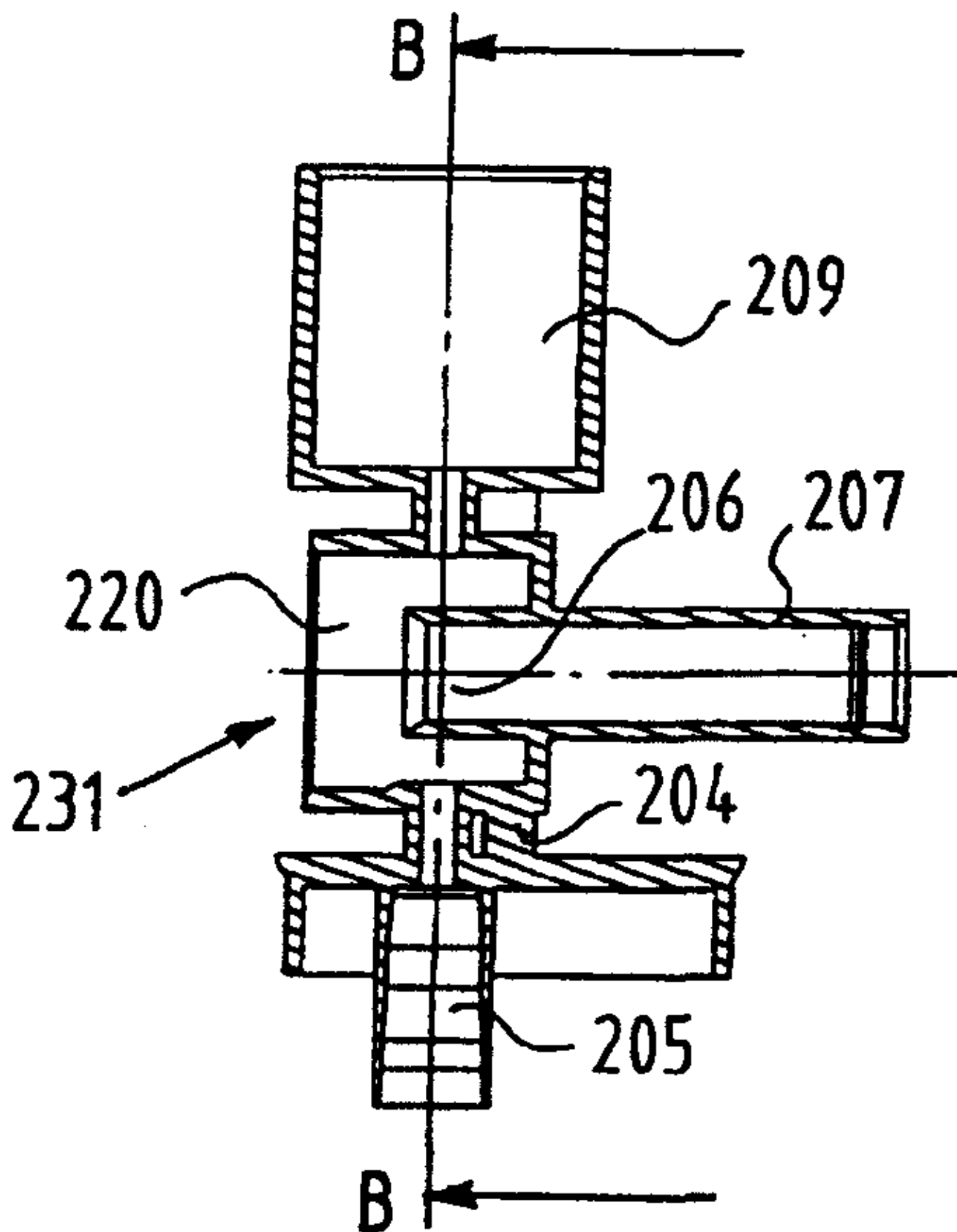
31b



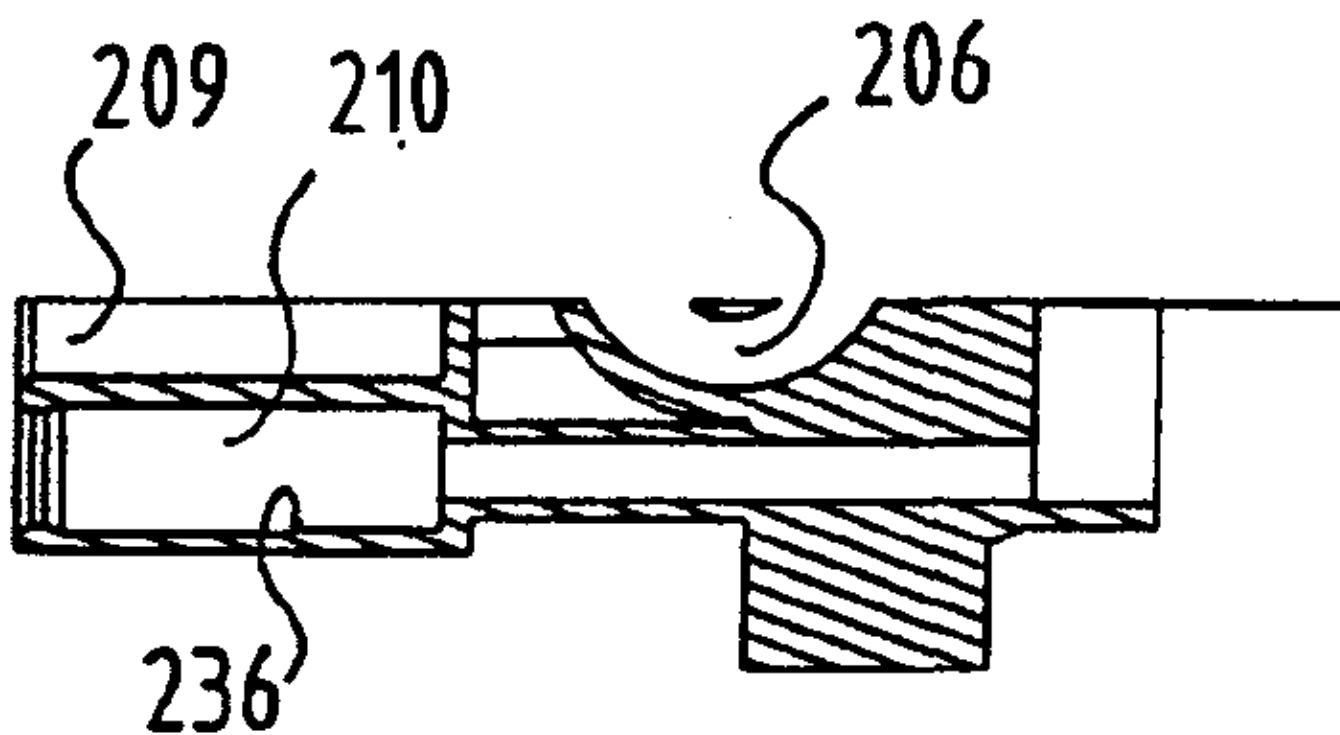
32



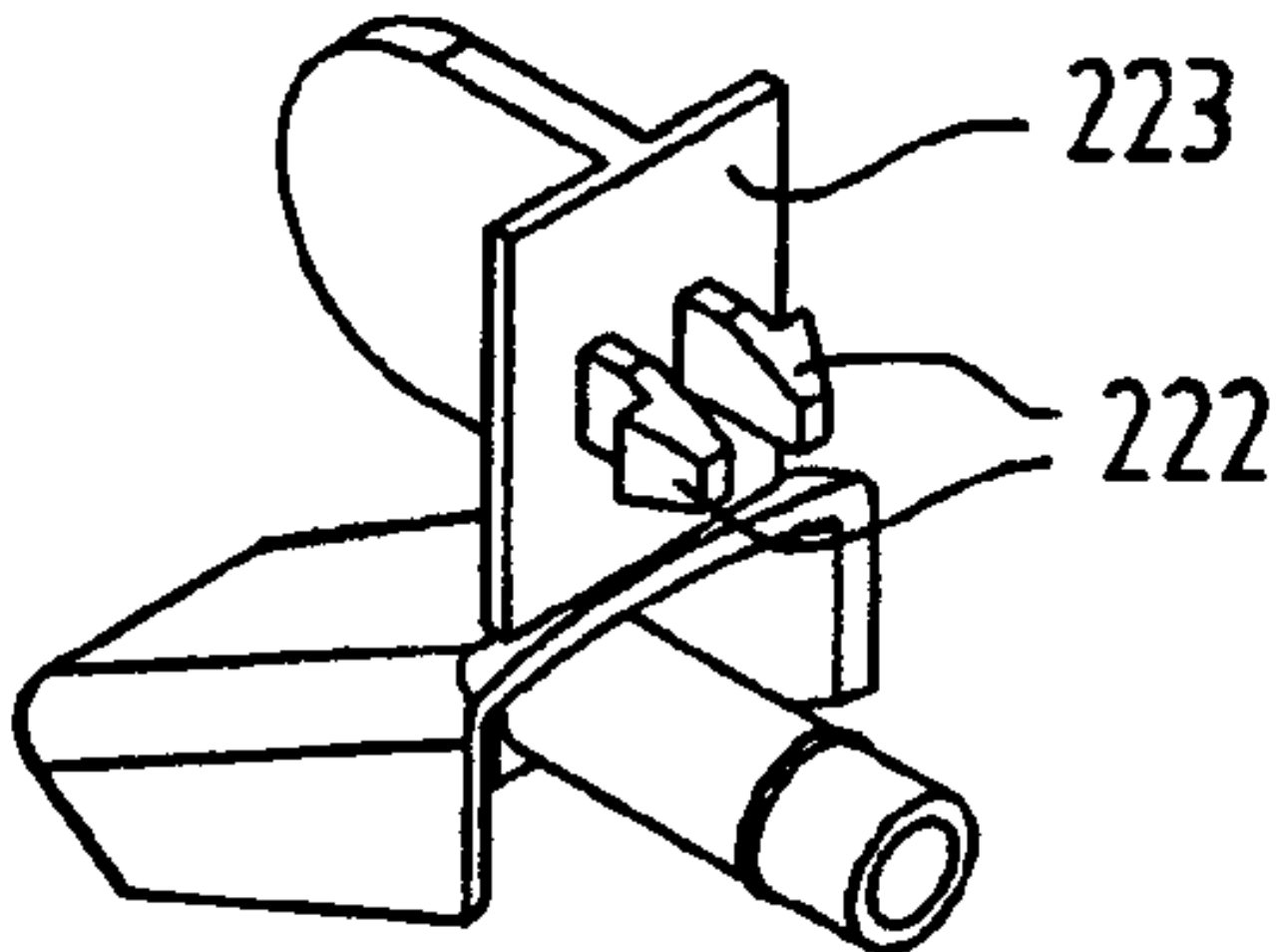
32a



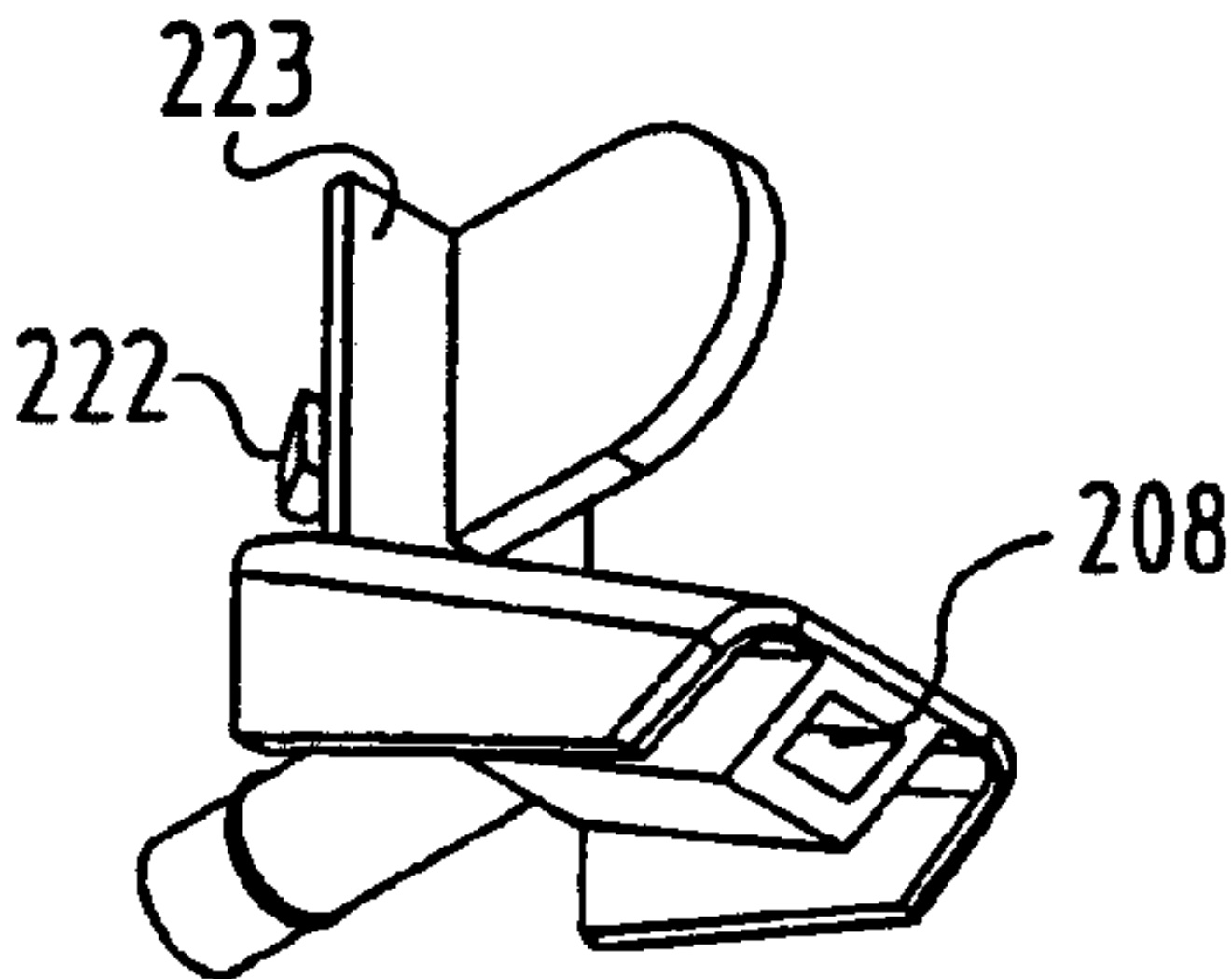
32b



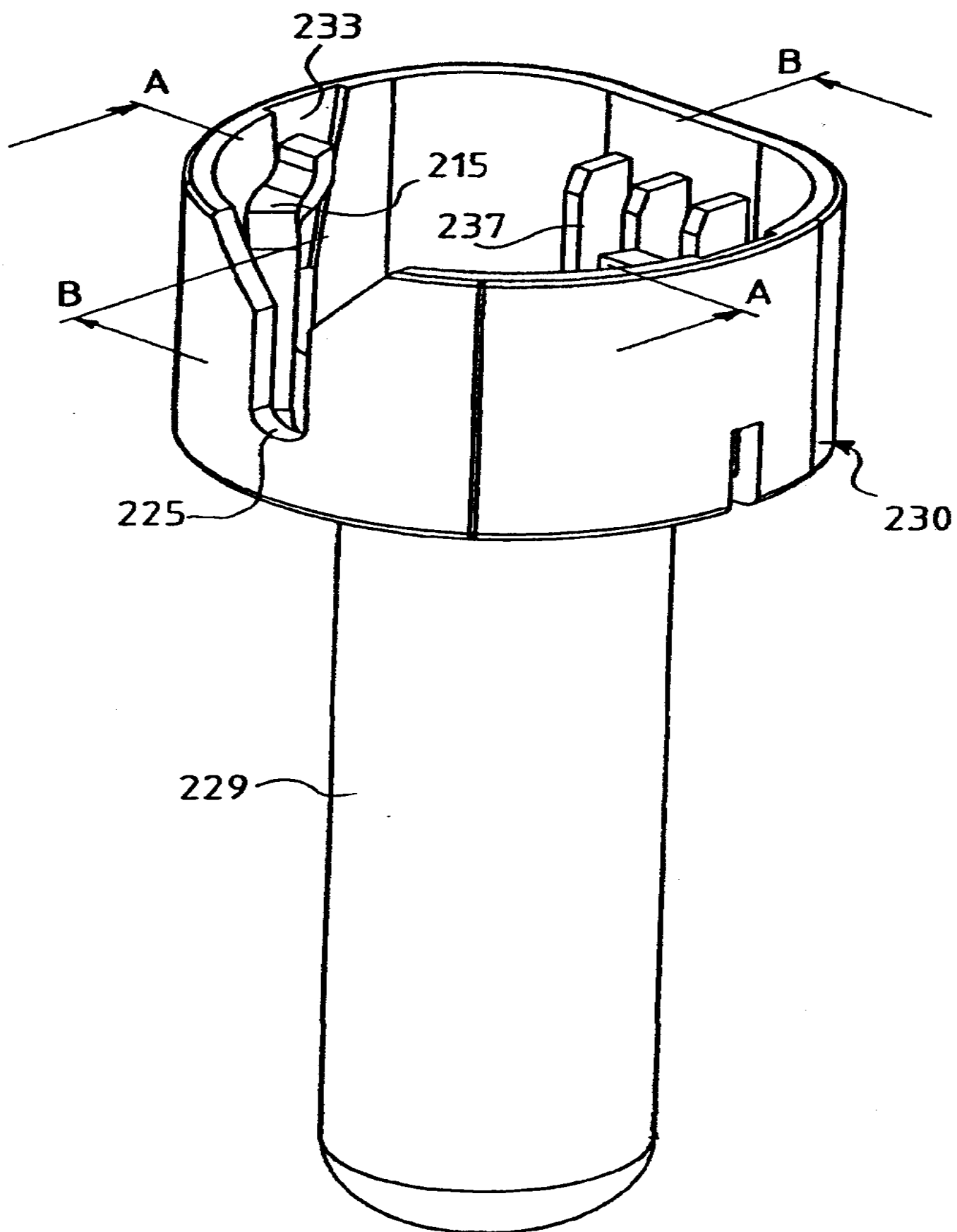
33a

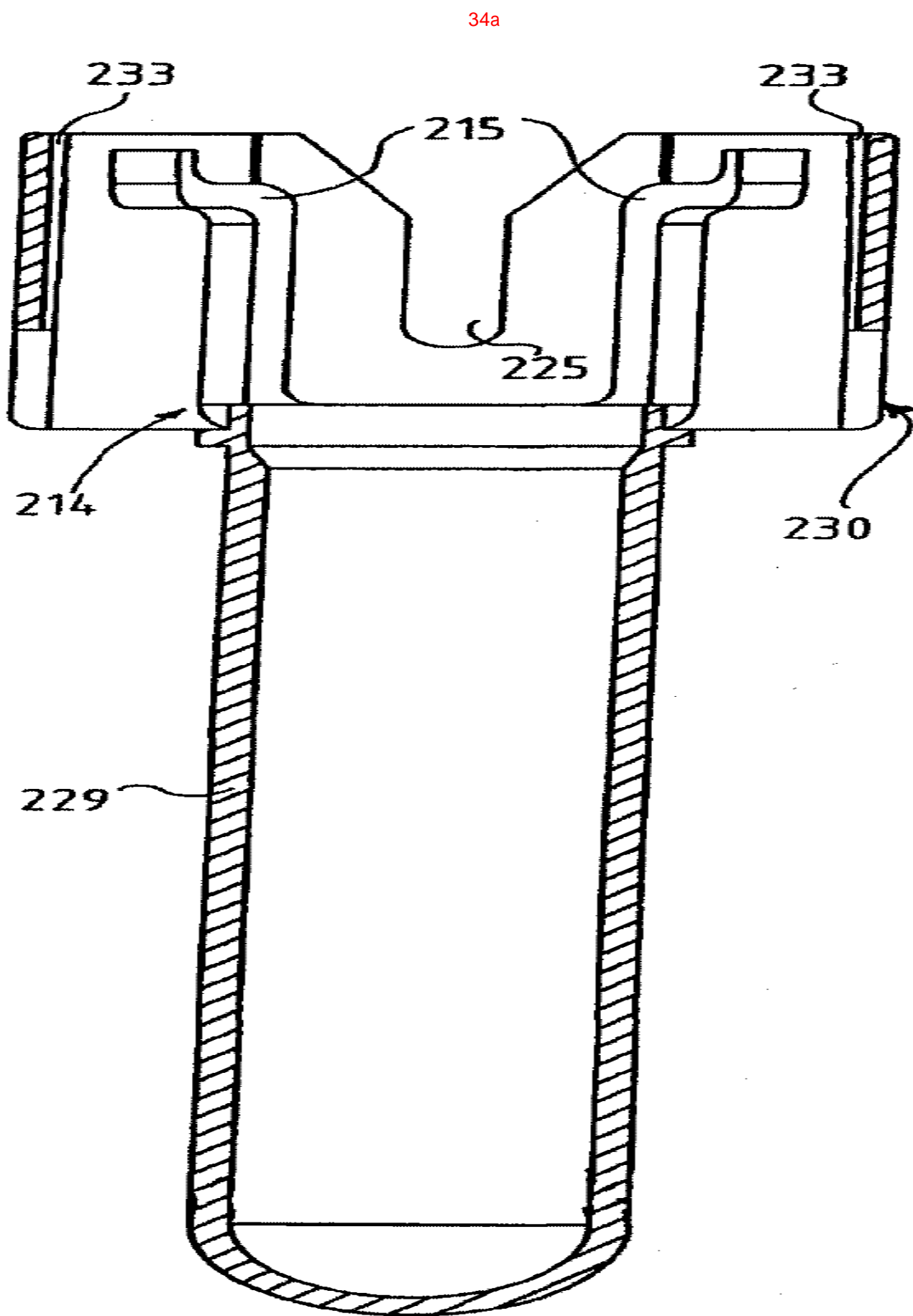


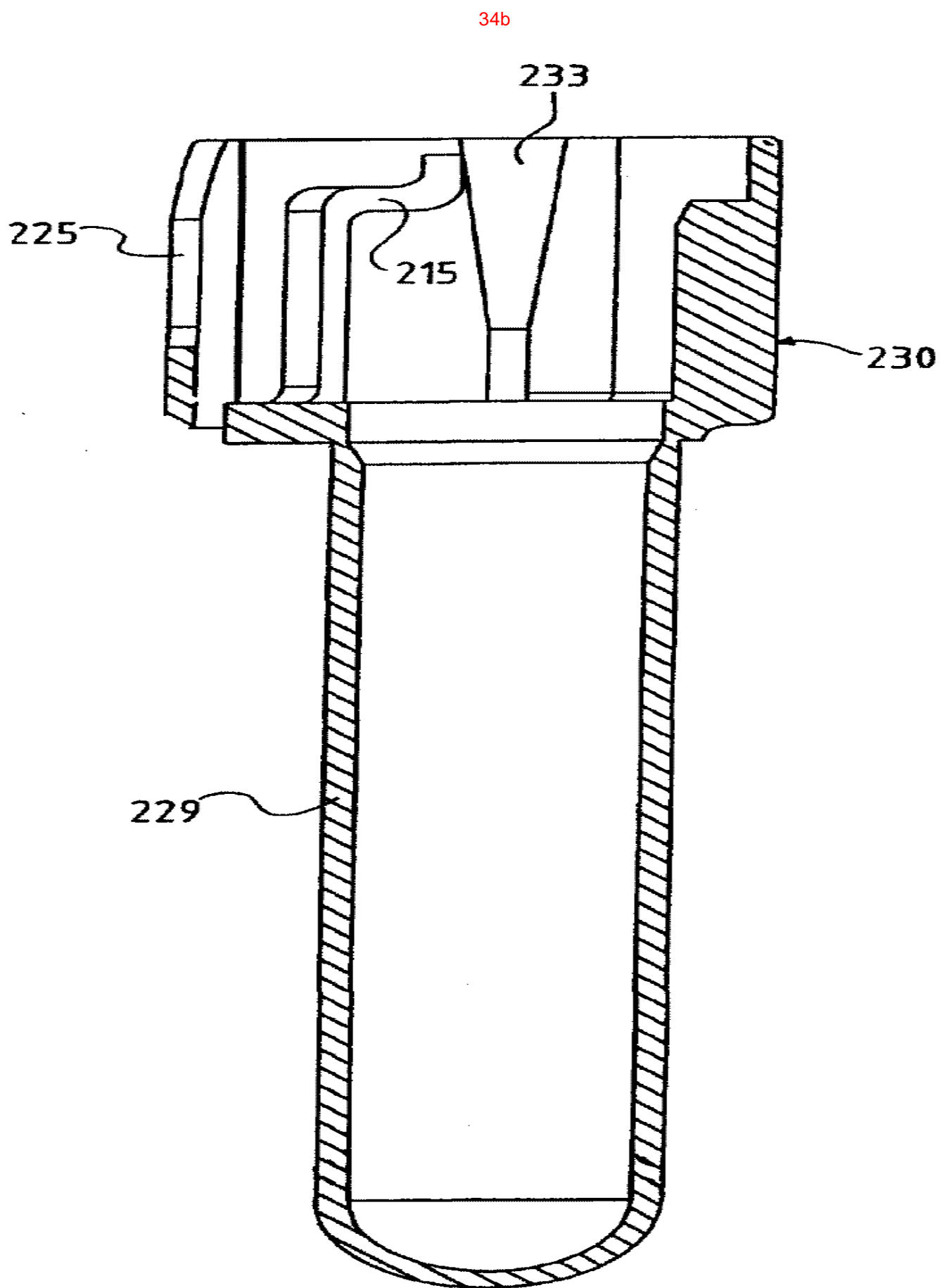
33b



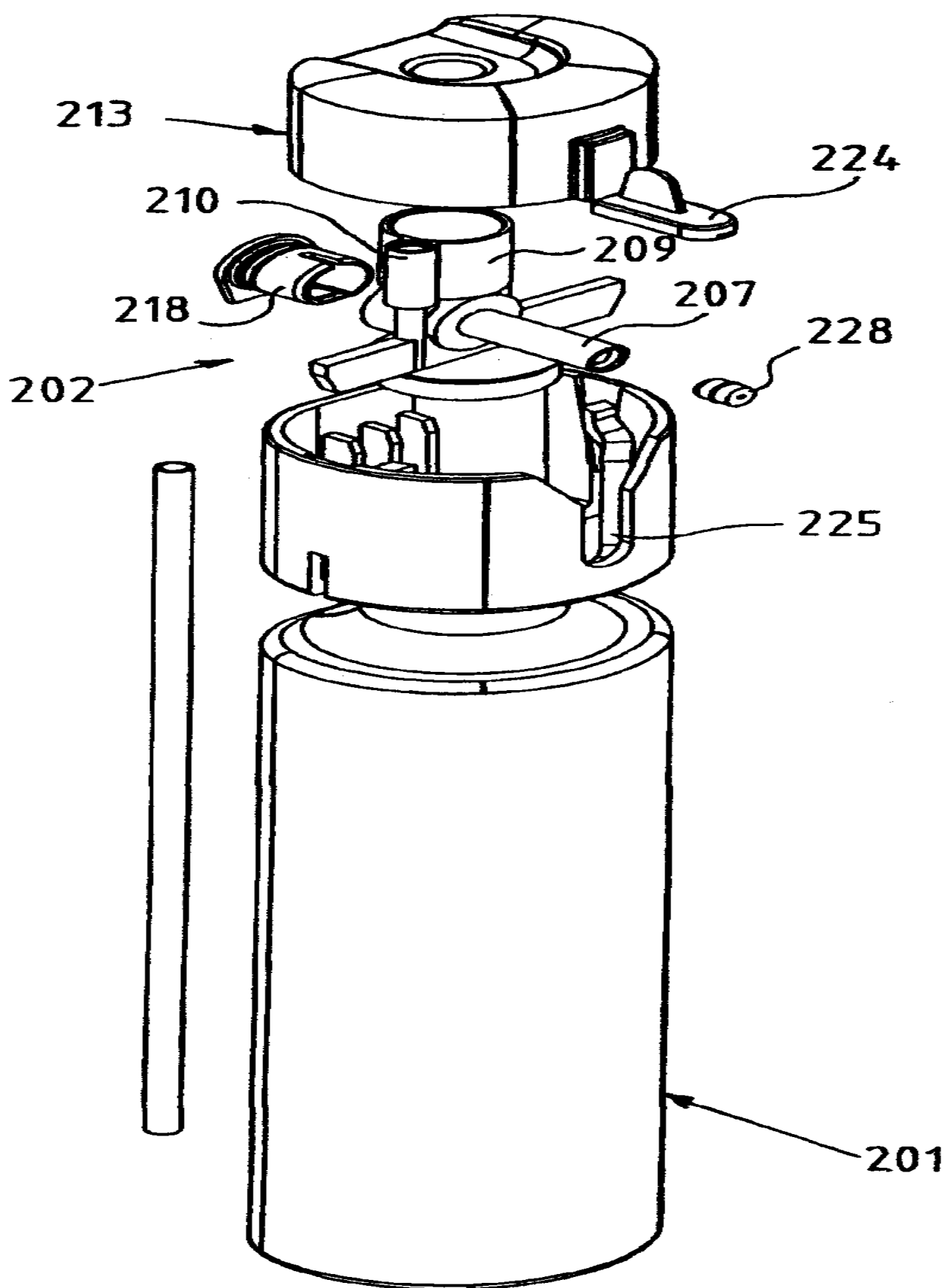
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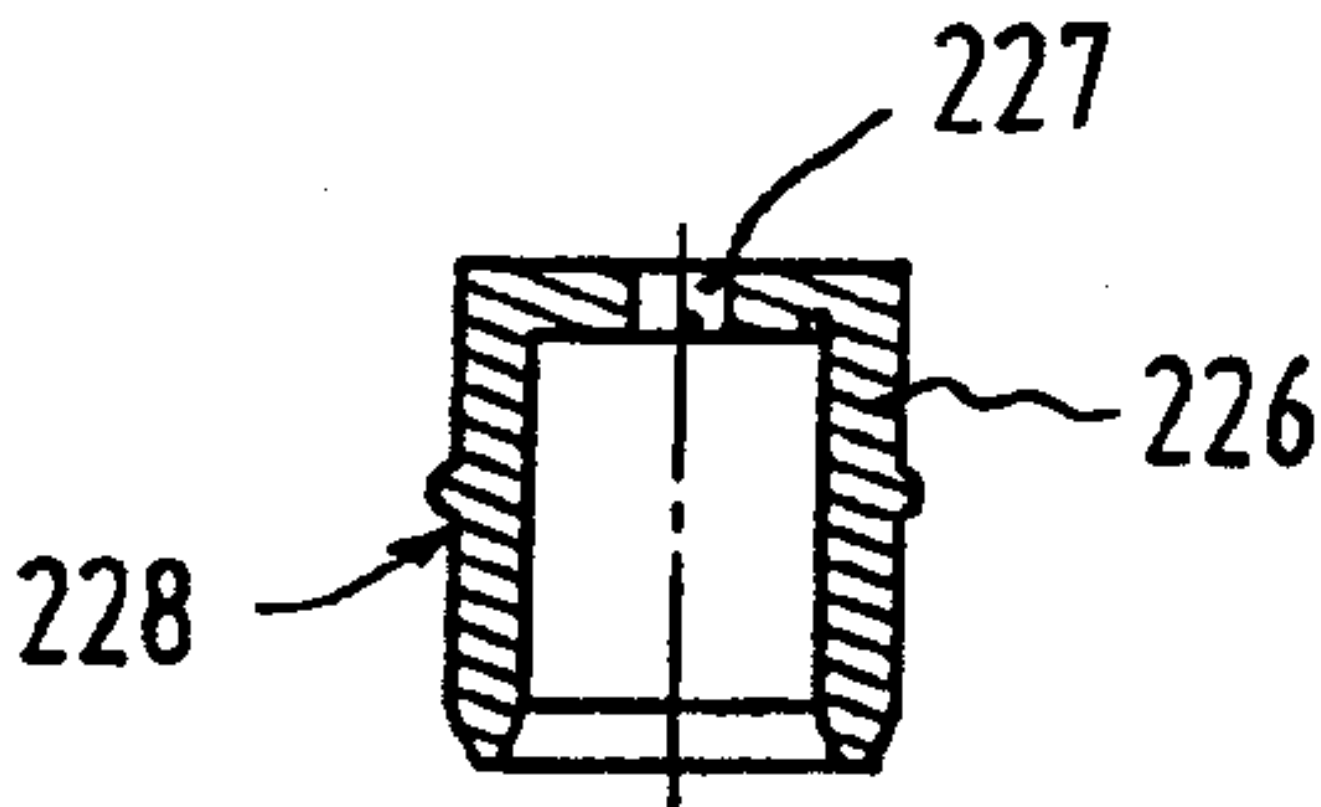




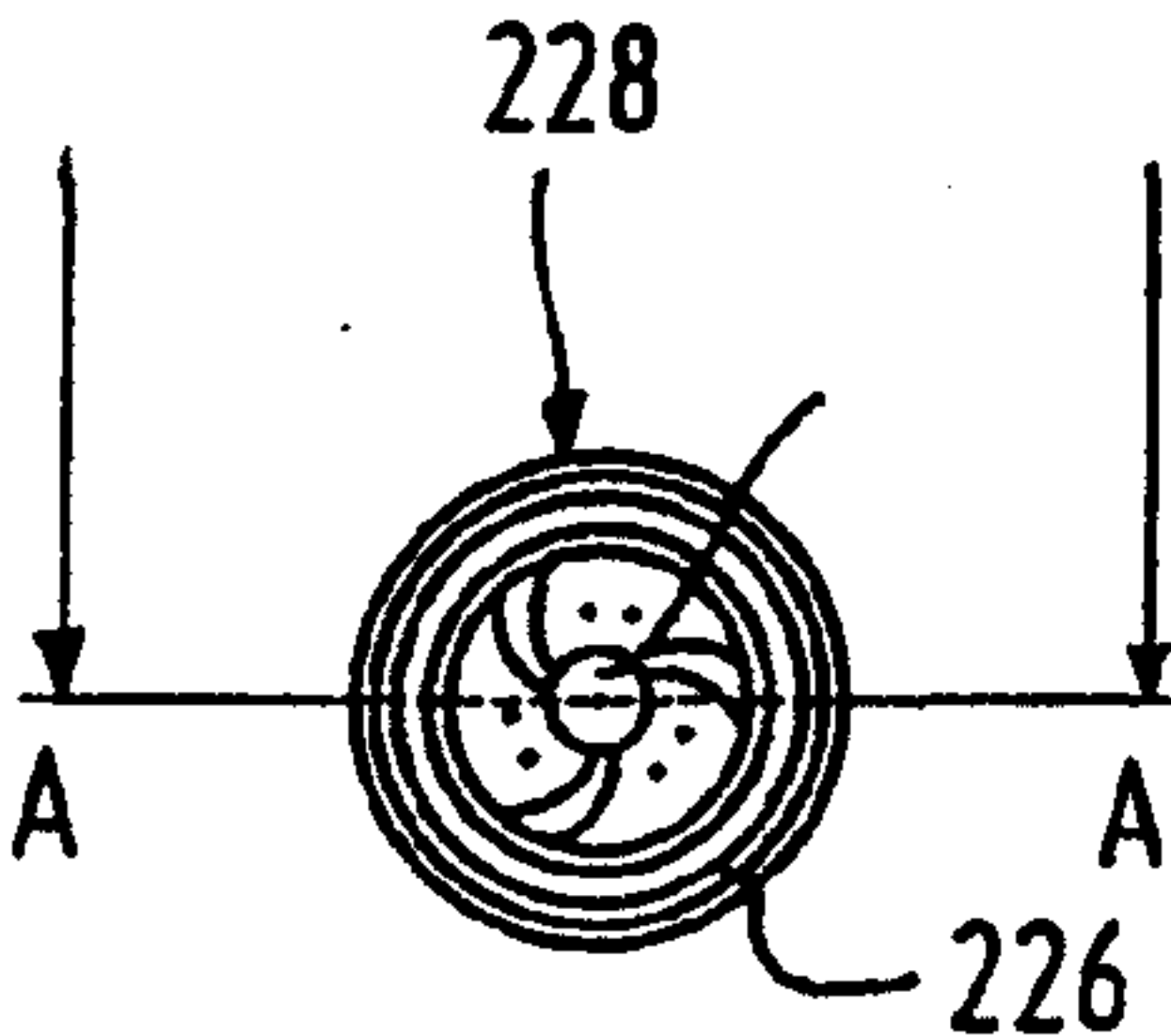
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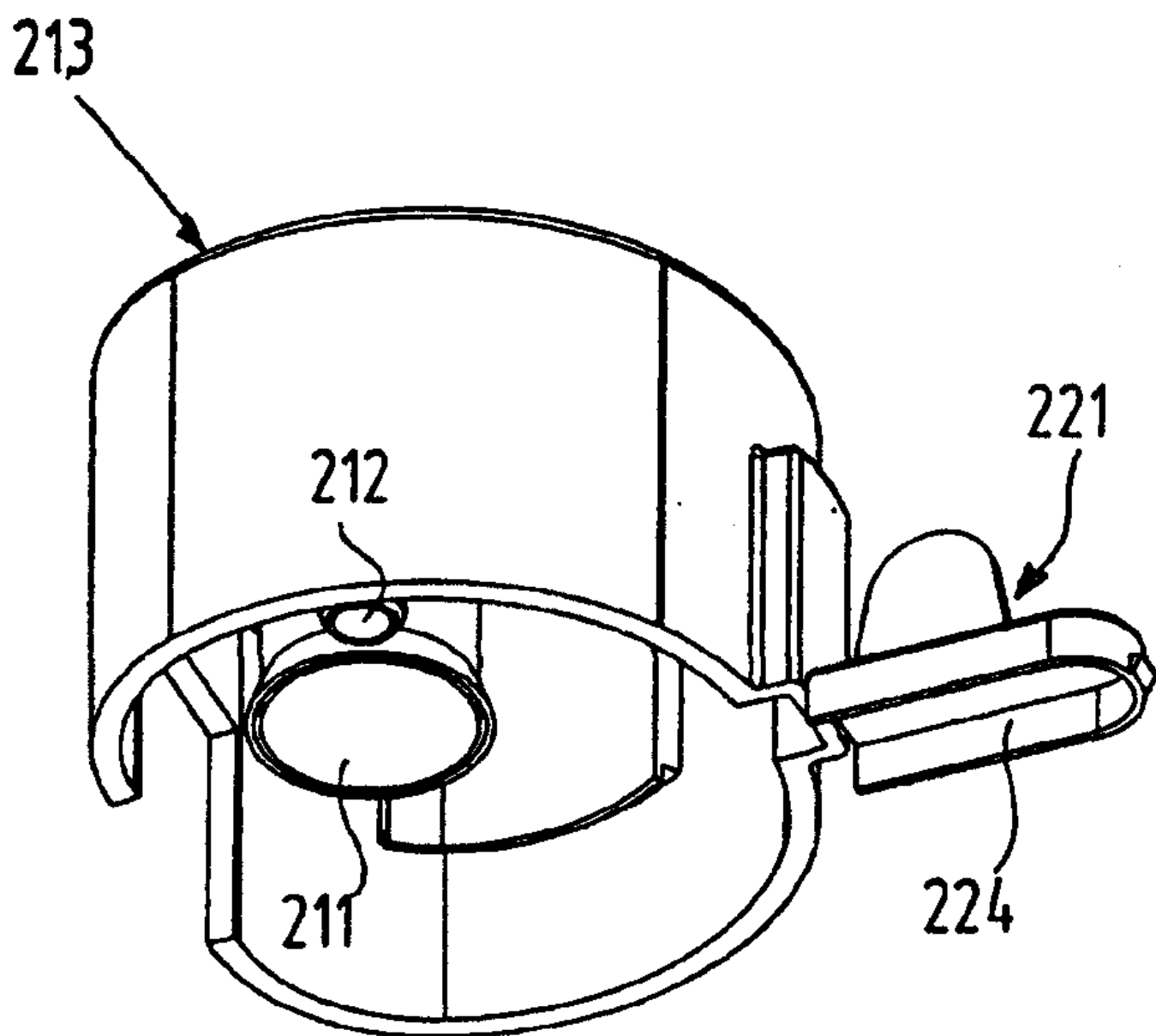
36a

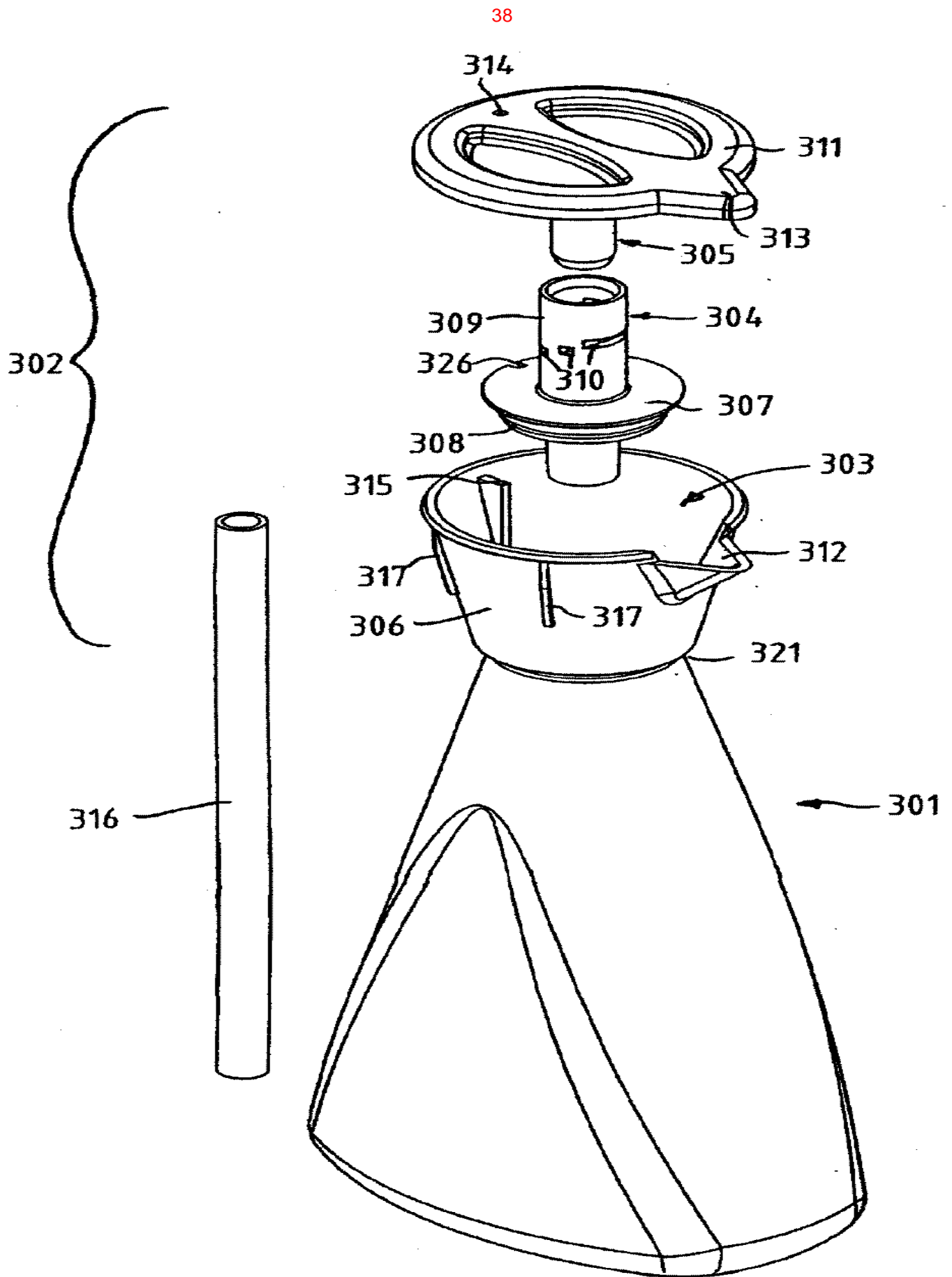


36b

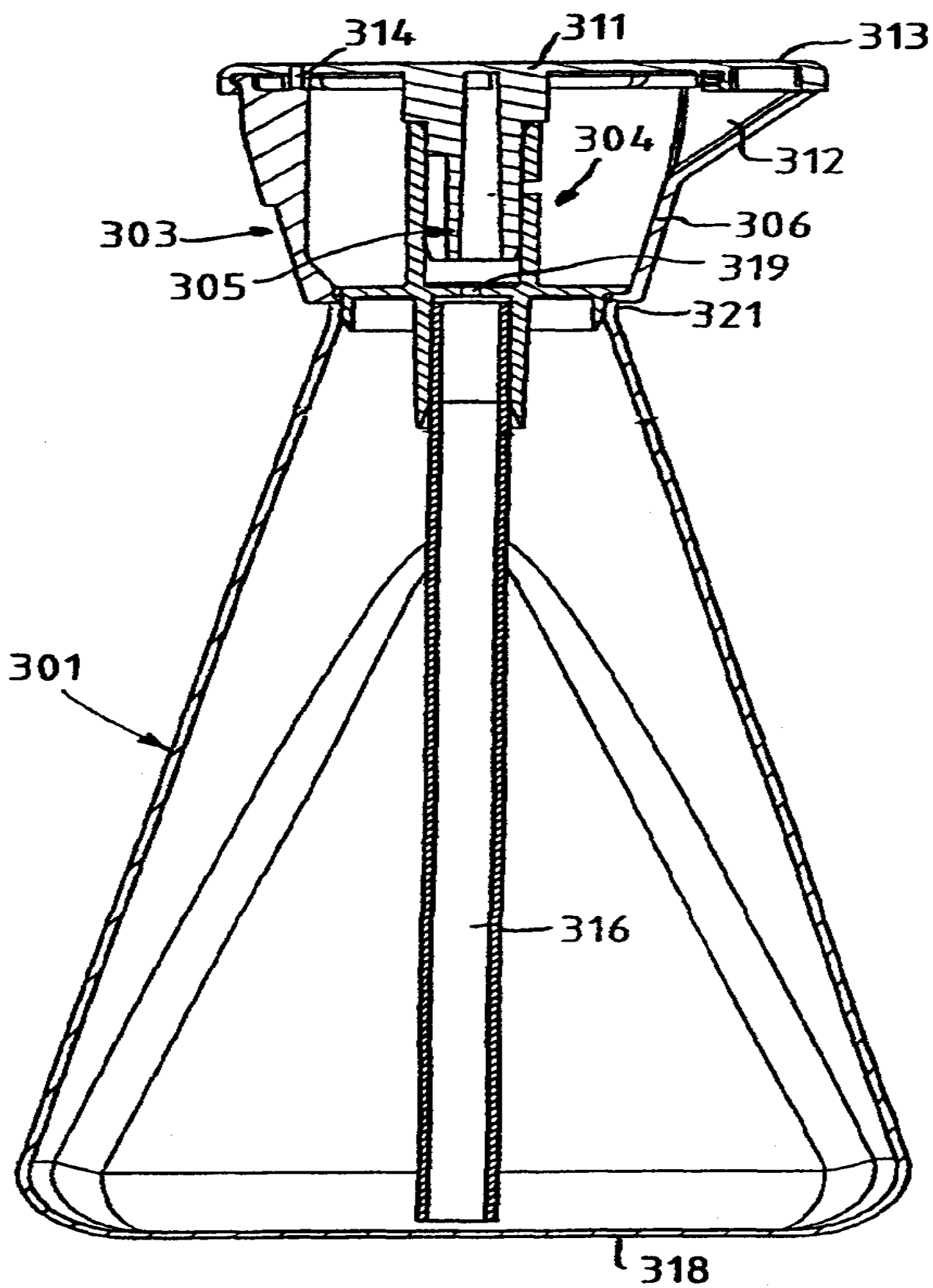


37

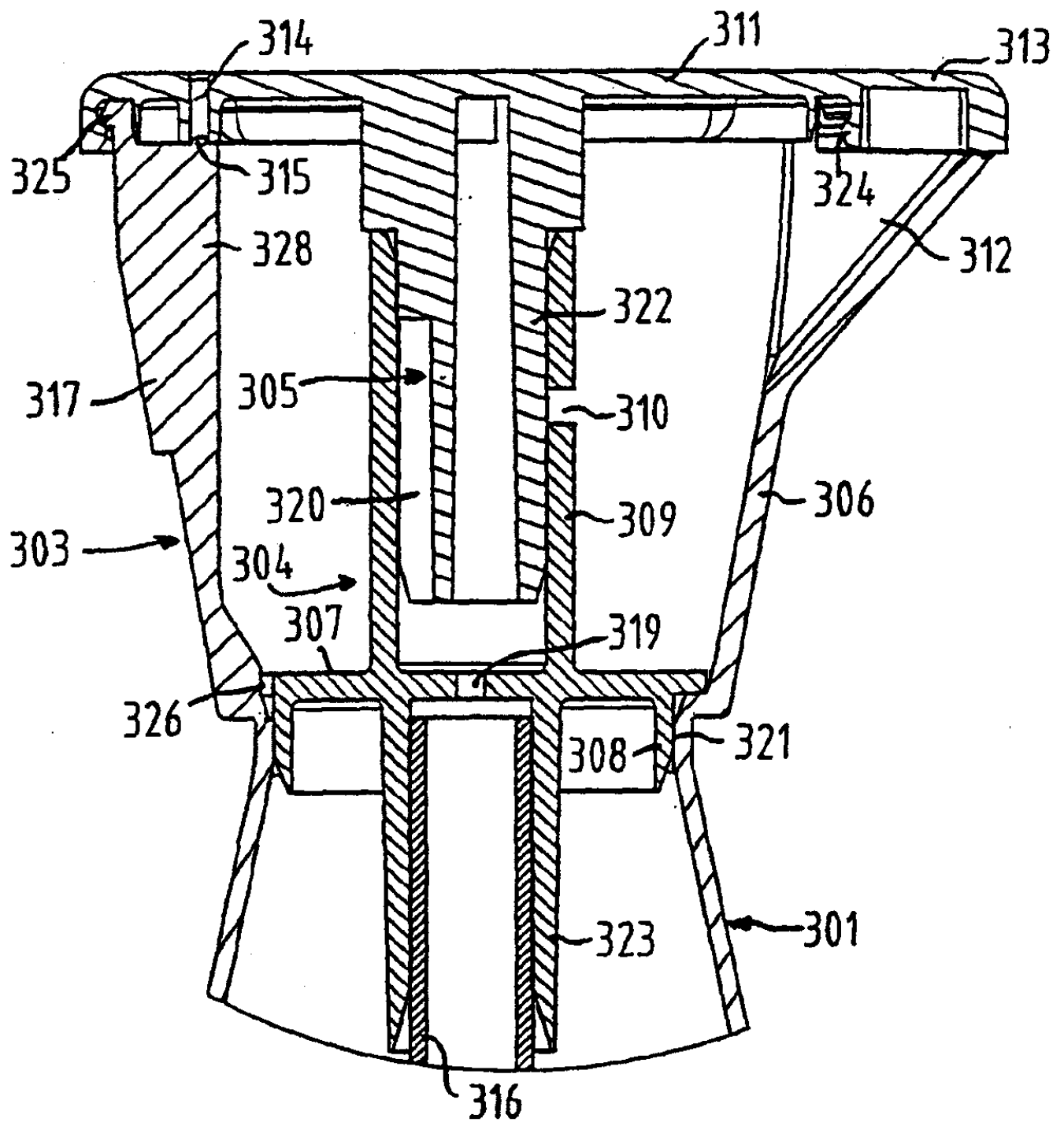




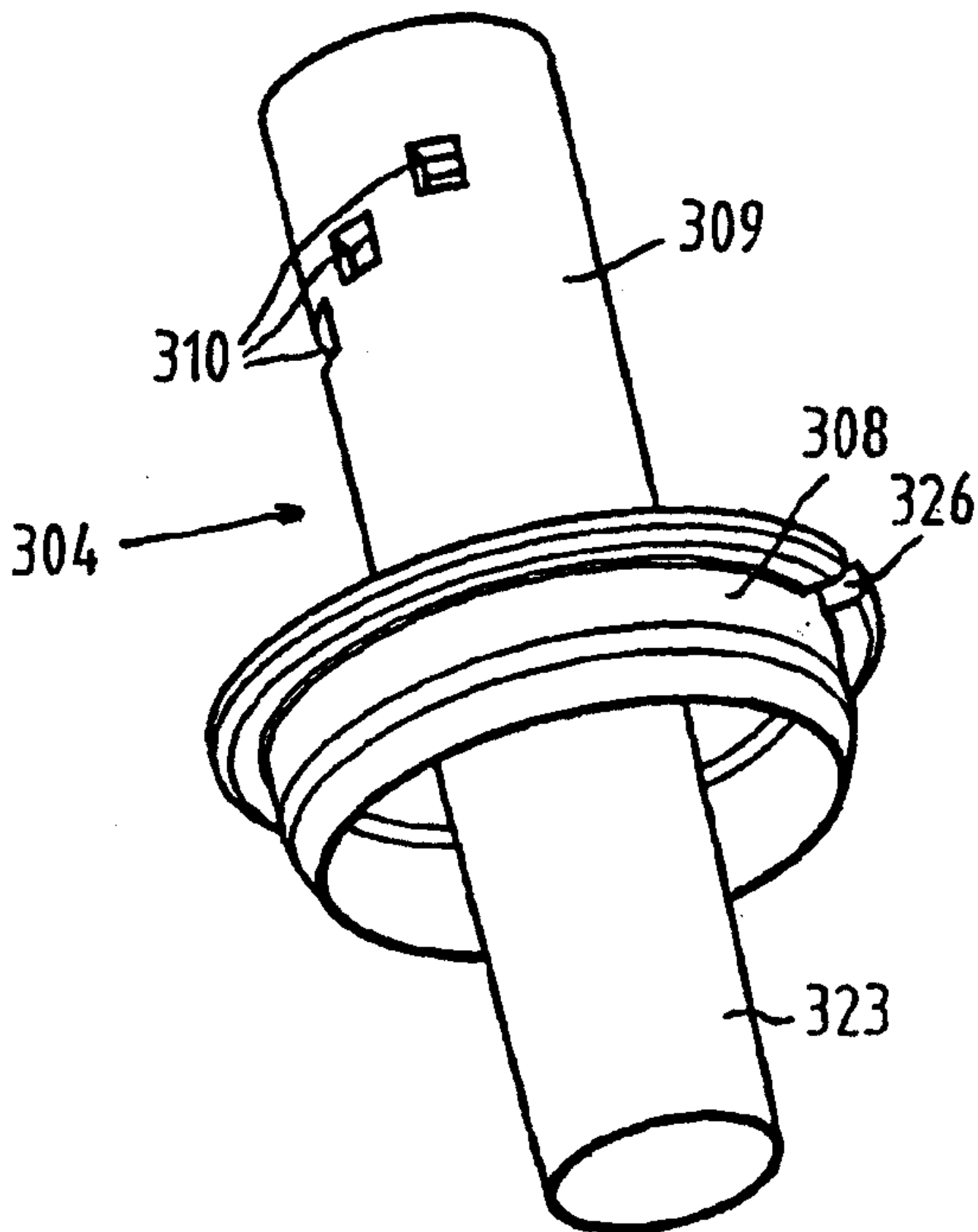
39



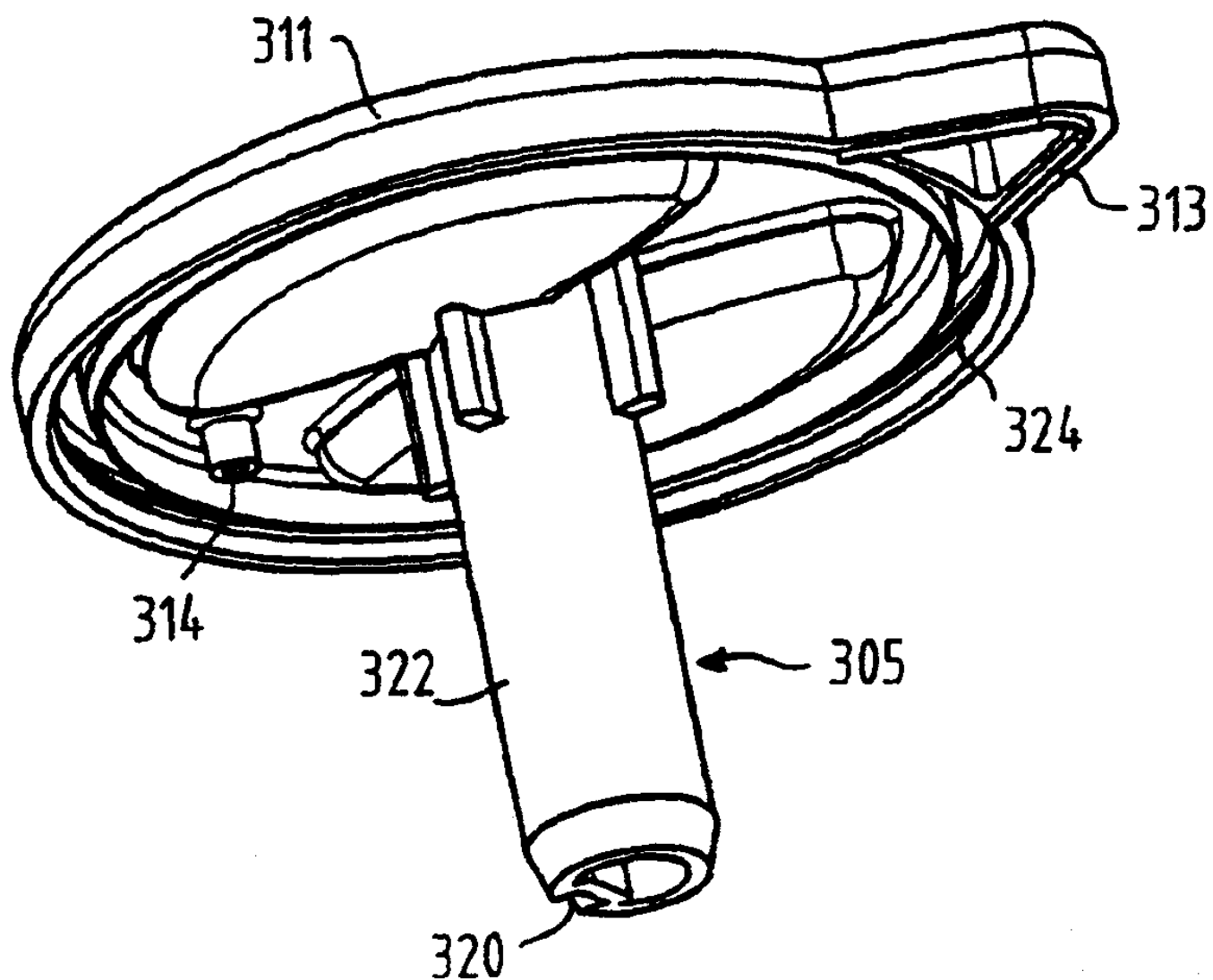
40



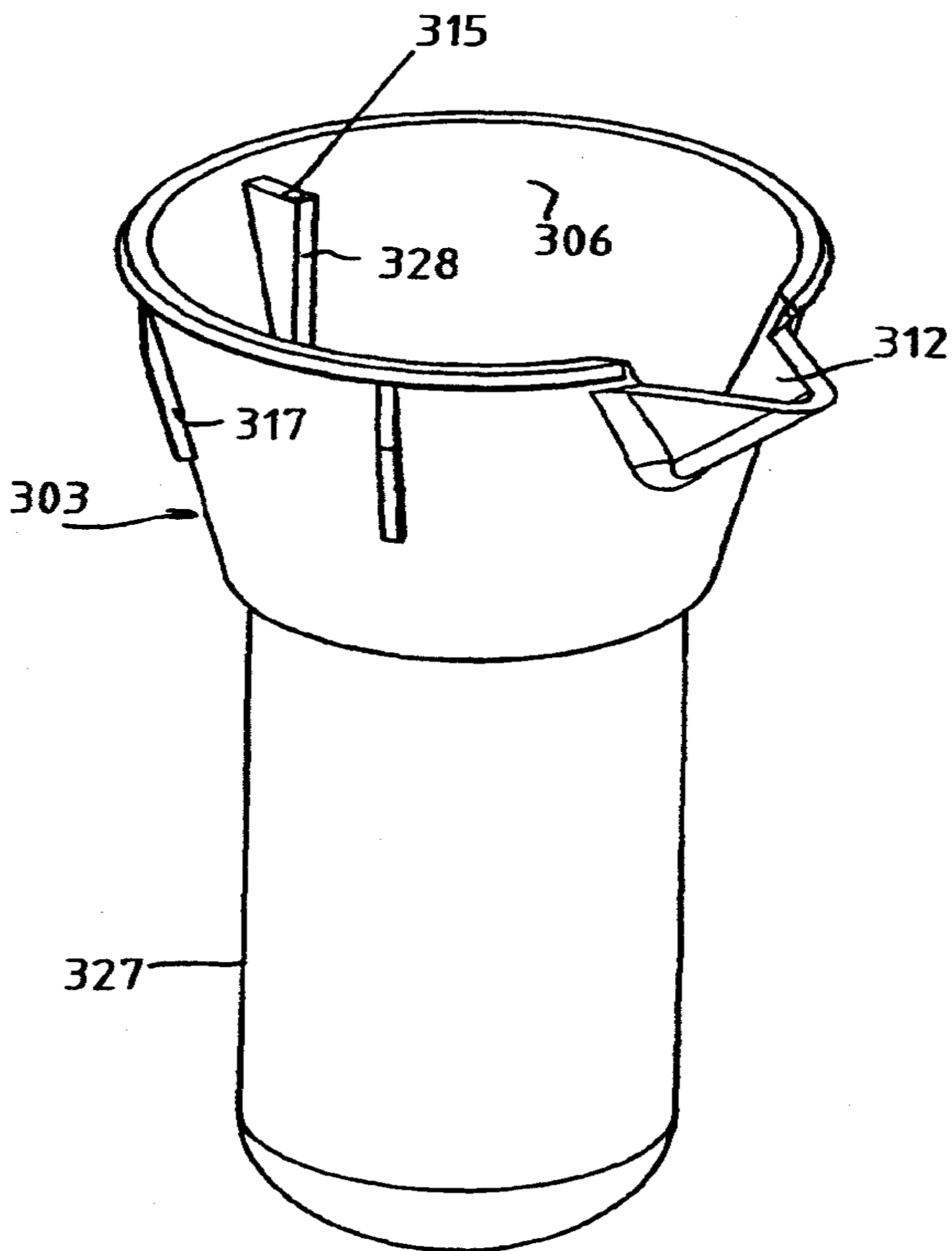
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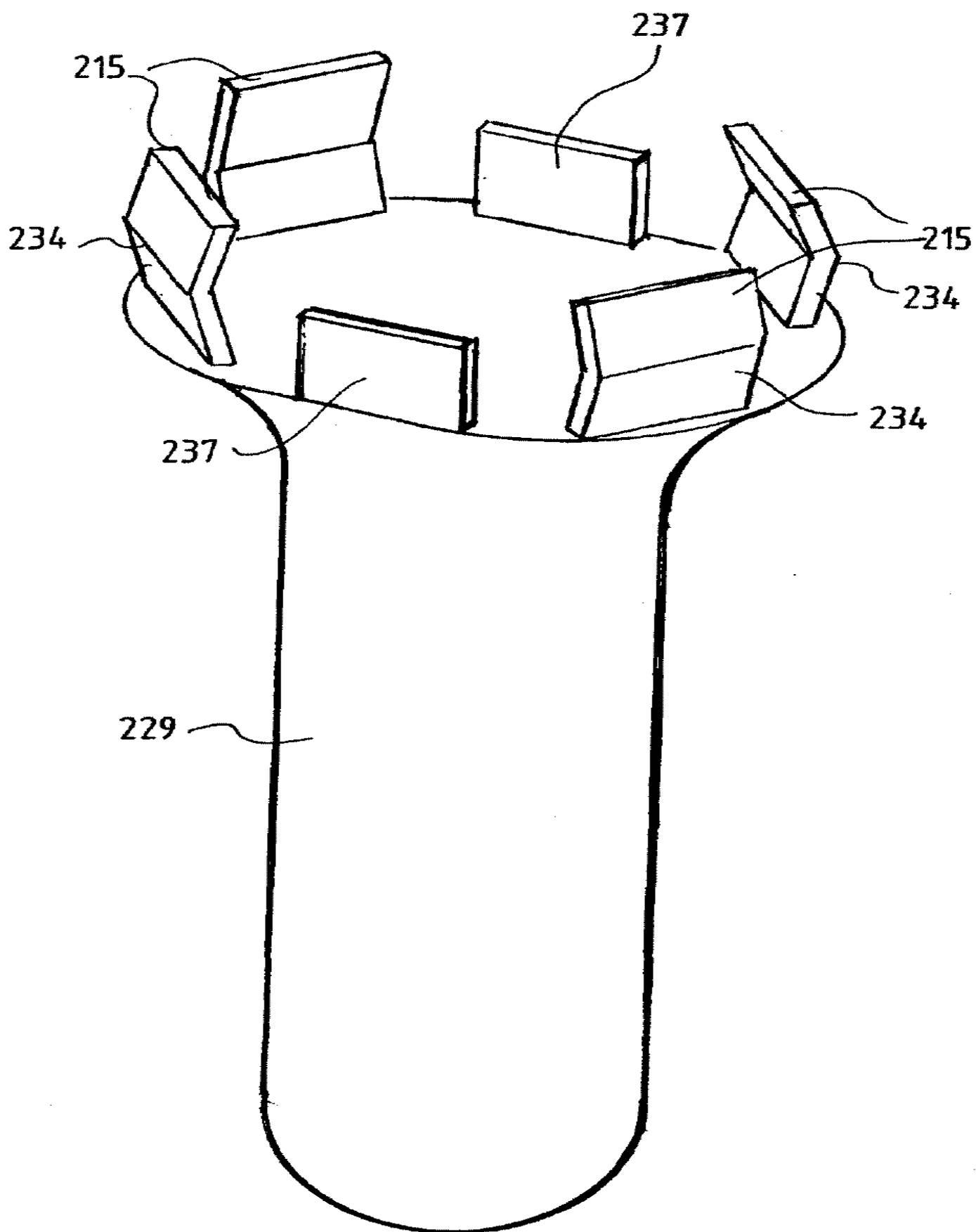
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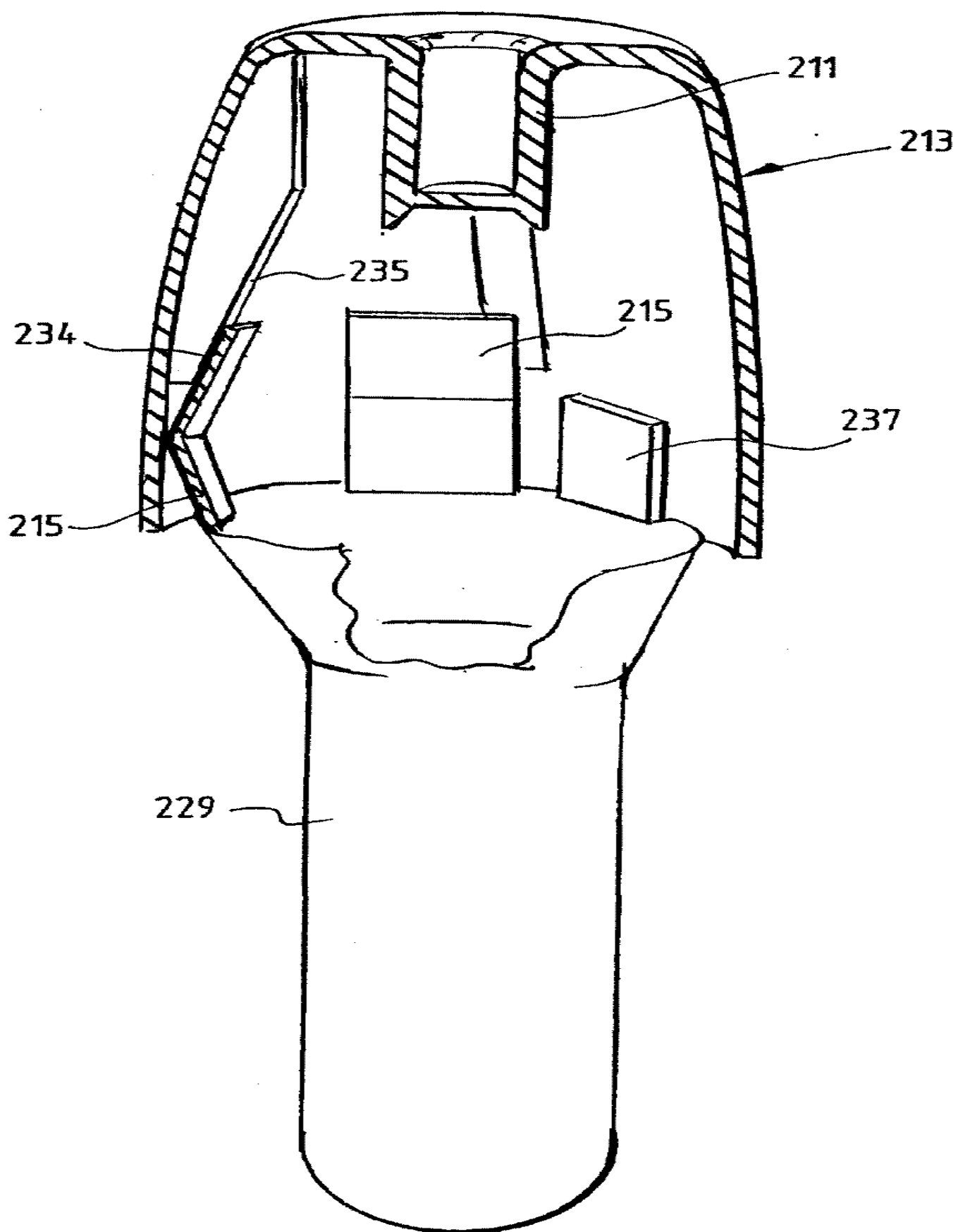
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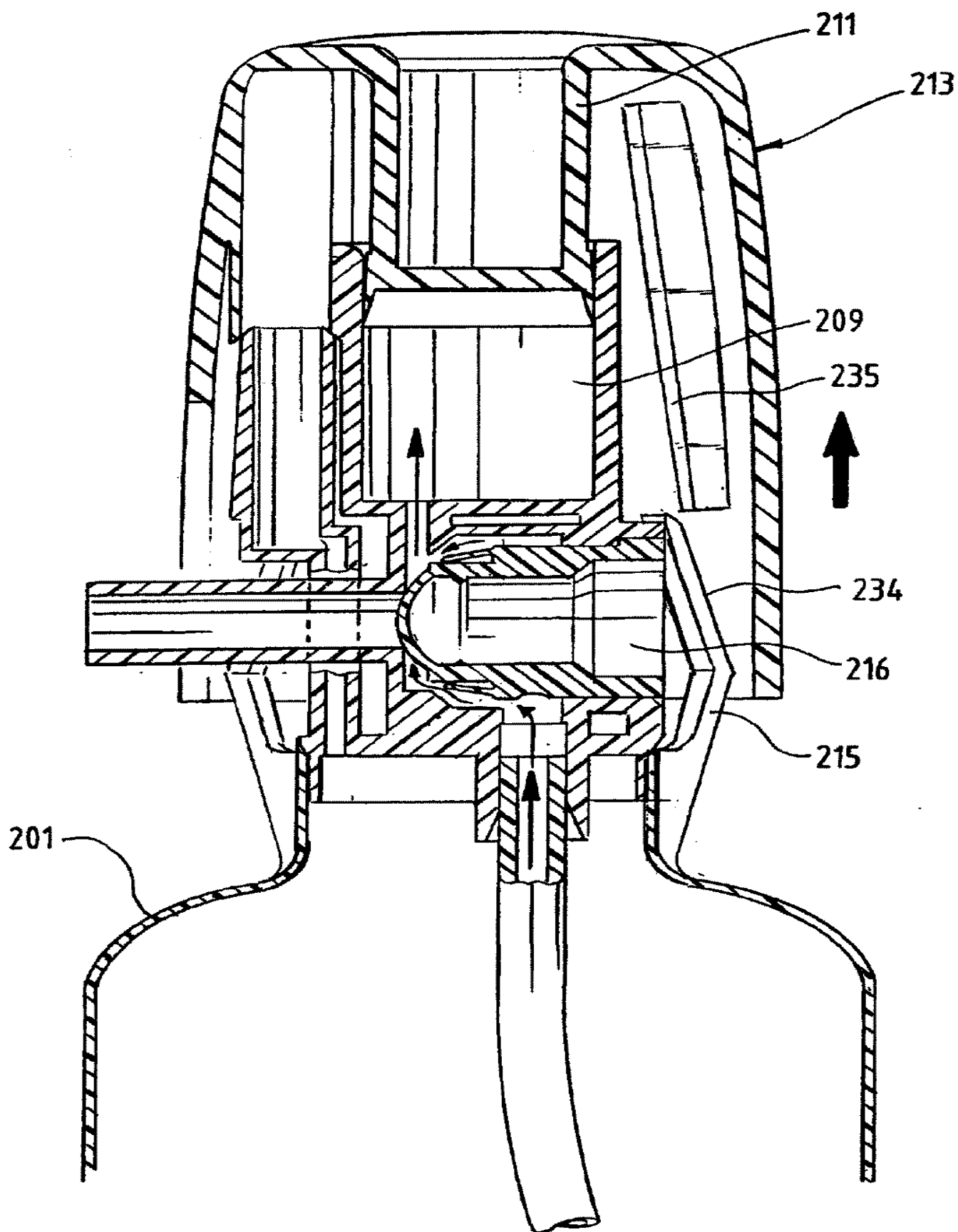
44



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