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(12) **United States Design Patent** (10) **Patent No.:** **US D826,496 S**
Witter et al. (45) **Date of Patent:** **** Aug. 21, 2018**

(54) **VACUUM ASSISTED DUST COLLECTION HOOD FOR ROUTERS**

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(**) Term: **15 Years**

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Related U.S. Application Data

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(51) **LOC (11) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/31**

(58) **Field of Classification Search**
USPC D32/31-34, 20-22, 38-39, 45; D15/138, D15/126; D8/70

CPC A47L 9/02; A47L 9/04; A47L 9/06; A47L 9/0477; A47L 9/2842; A47L 9/0693; A47L 9/0444; A47L 9/0461; A47L 9/325; A47L 9/28; A47L 5/362; A47L 5/365; A47L 5/325; A47L 5/28; A47L 5/30; A47L 5/34; A47L 5/36; A47L 5/02; A47L 5/24; A47L 11/4044; E04H 4/1654; A46B 13/001; E01H 1/0854; B24B 55/06; B23Q 11/0071; B23Q 11/0046; B27C 5/10

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D47,617 S * 7/1915 Read
D200,526 S * 3/1965 Medley D32/31
D200,760 S * 4/1965 Medley D32/31
4,184,291 A * 1/1980 Marton B24D 15/00
451/344
4,821,365 A * 4/1989 Charters B23Q 11/0046
144/252.1
D334,330 S * 3/1993 Moshhammer D8/70

(Continued)

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(57) **CLAIM**

We claim the ornamental design for a vacuum assisted dust collection hood for routers, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a vacuum assisted dust collection hood for routers shown with a long chip cup, and showing our new design;

FIG. 2 is a top plan view thereof.

FIG. 3 is a right side elevation thereof, and showing the associated long chip cup.

FIG. 4 is a front elevation thereof.

FIG. 5 is a left side elevation thereof.

FIG. 6 is a rear elevation thereof.

FIG. 7 is a bottom plan view thereof.

FIG. 8 is a top plan view of a second embodiment thereof, shown with a short chip cup;

FIG. 9 is a right side elevation thereof.

FIG. 10 is a front elevation thereof.

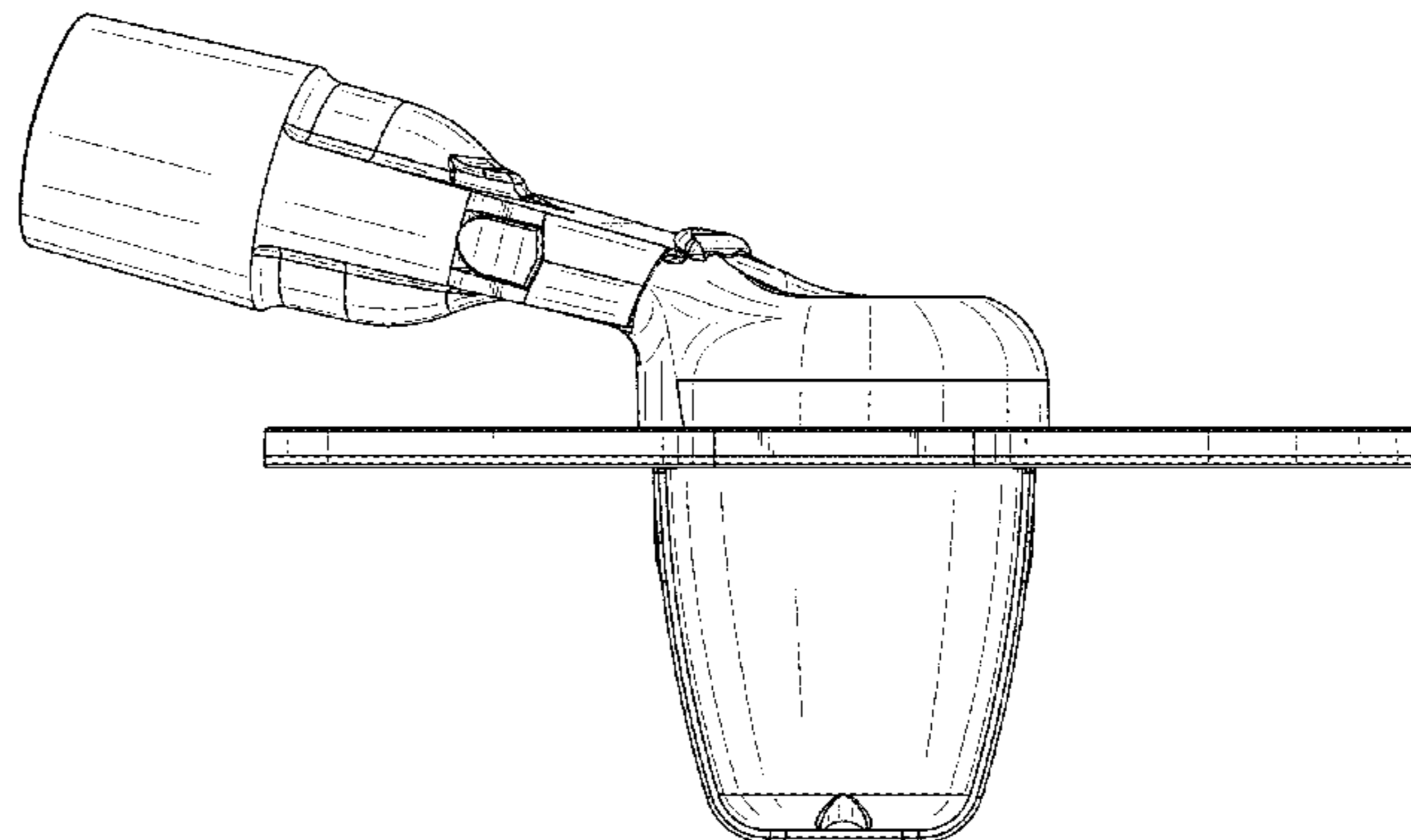
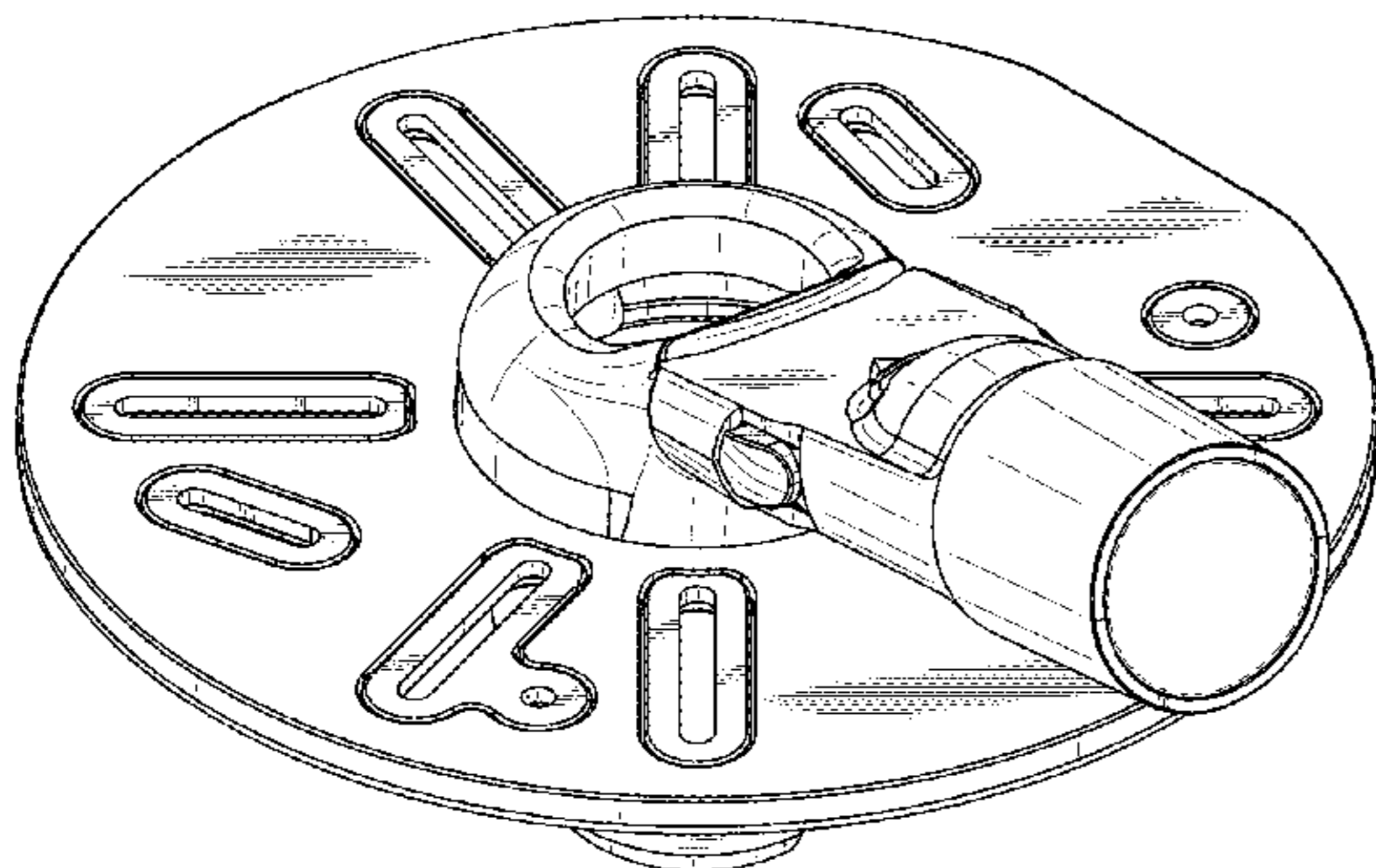
FIG. 11 is a left side elevation thereof.

FIG. 12 is a rear elevation thereof; and,

FIG. 13 is a bottom plan view hereof.

The portion of the vacuum hose connector shown in broken lines forms no part of the claimed design.

1 Claim, 13 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D342,431 S * 12/1993 Swigonski D8/70
5,527,207 A * 6/1996 Azar B24B 55/102
451/344
D372,348 S * 7/1996 Rudolph D32/31
D376,526 S * 12/1996 Hepburn D8/70
5,993,124 A * 11/1999 Cooper B23Q 11/0046
144/252.1
D467,485 S * 12/2002 Daniels D15/140
D468,497 S * 1/2003 Lovely, Jr. D32/31
D495,347 S * 8/2004 Erbach D15/138
D513,161 S * 12/2005 Chilton D8/70
7,290,967 B2 * 11/2007 Steimel B23Q 11/0046
144/252.1
D614,678 S * 4/2010 Jorgensen D15/138
D634,085 S * 3/2011 Lin D32/31
D638,181 S * 5/2011 Crevling, Jr. D32/31
7,971,611 B1 * 7/2011 Wells B23Q 11/0046
144/136.95
8,079,389 B2 * 12/2011 Shepherd B23Q 11/0046
144/252.1
D737,529 S * 8/2015 Ballantyne D32/31
9,138,845 B2 * 9/2015 Hahn A47L 7/0095
D793,456 S * 8/2017 Lindsay D15/138
D795,317 S * 8/2017 Wenning D15/138
D800,804 S * 10/2017 Cappuccio D15/133
2006/0193706 A1 * 8/2006 Waldron B23Q 11/0046
409/182
2010/0089497 A1 * 4/2010 Keenan B23Q 11/0046
144/252.1

* cited by examiner

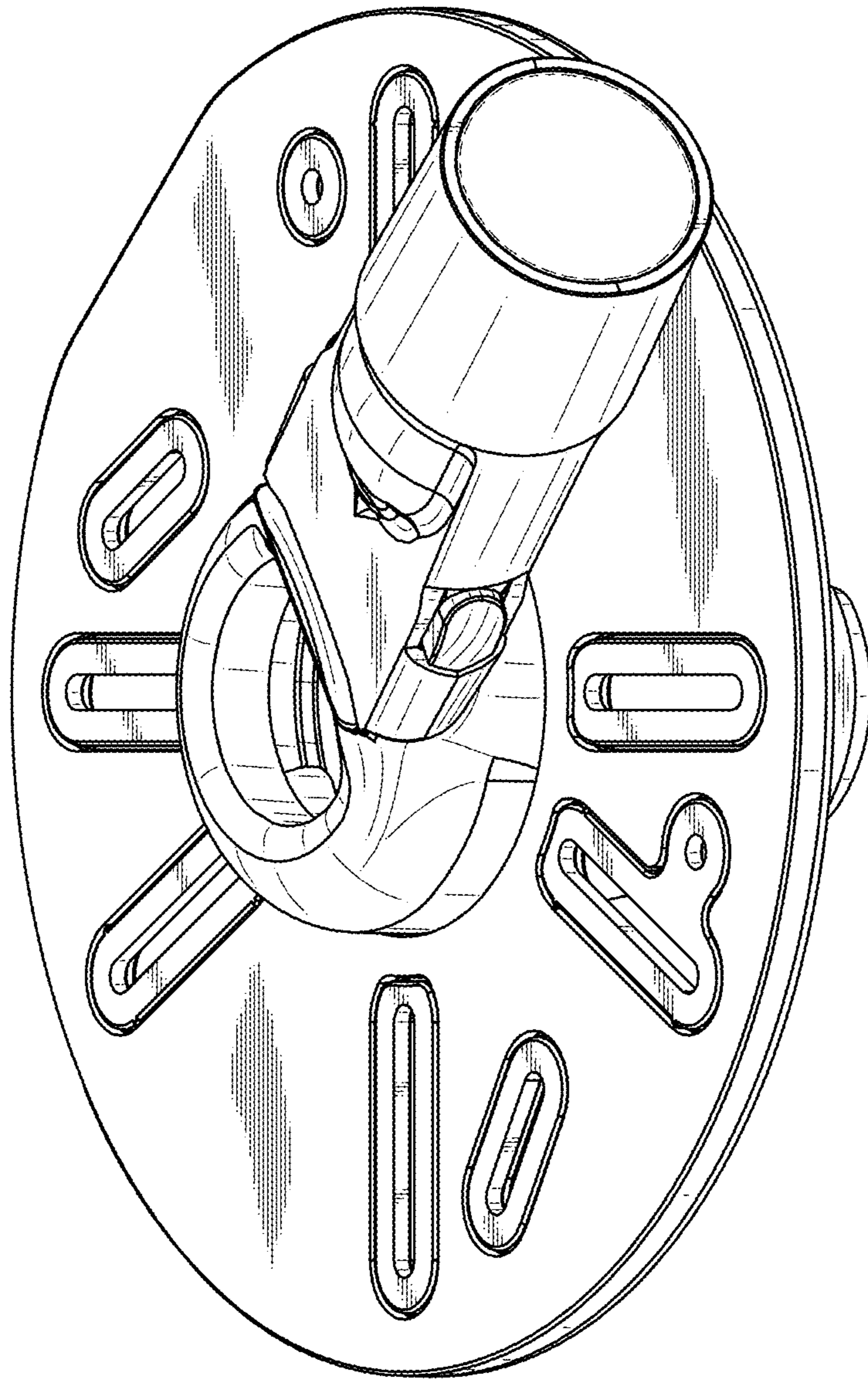


FIG.1

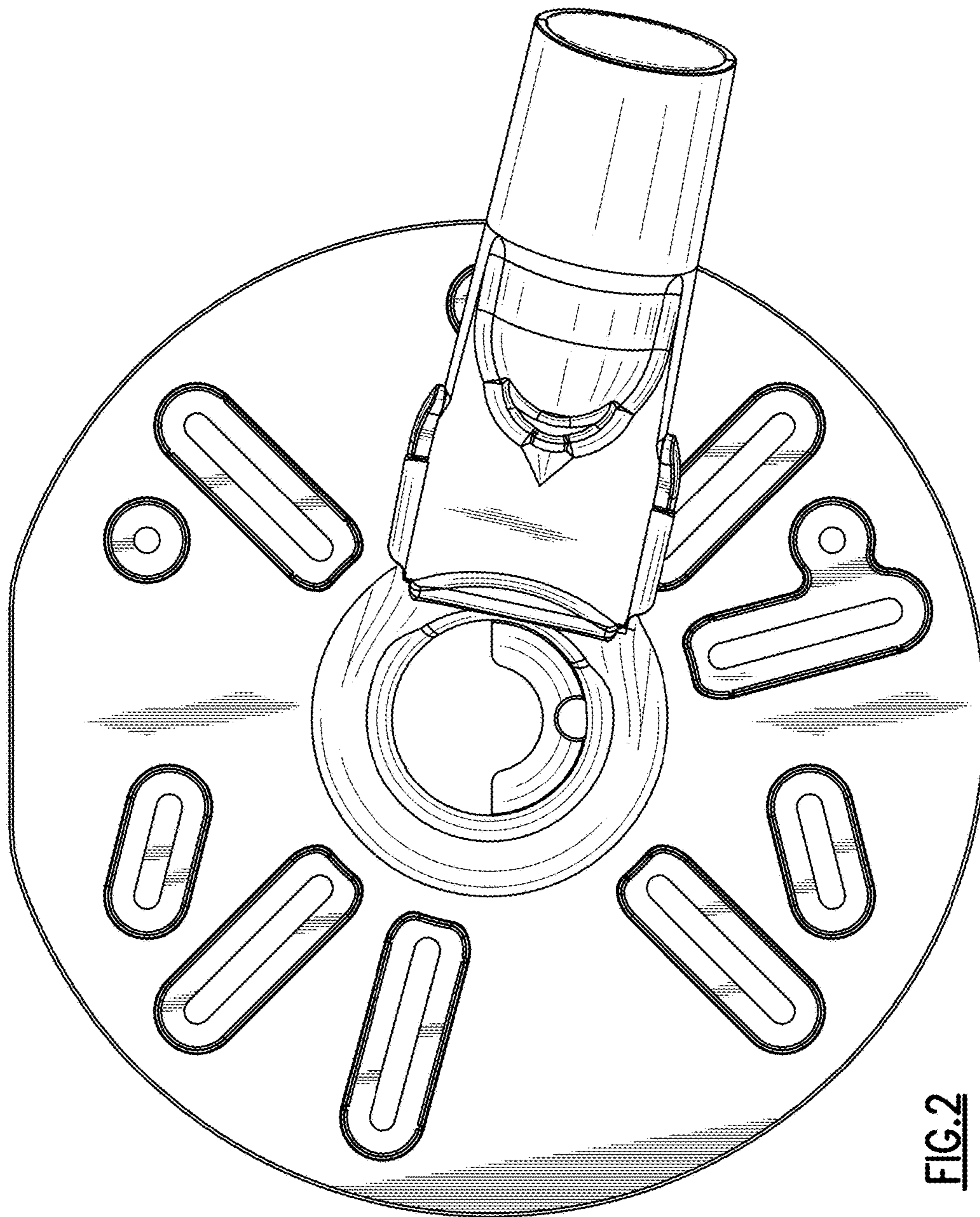


FIG. 2

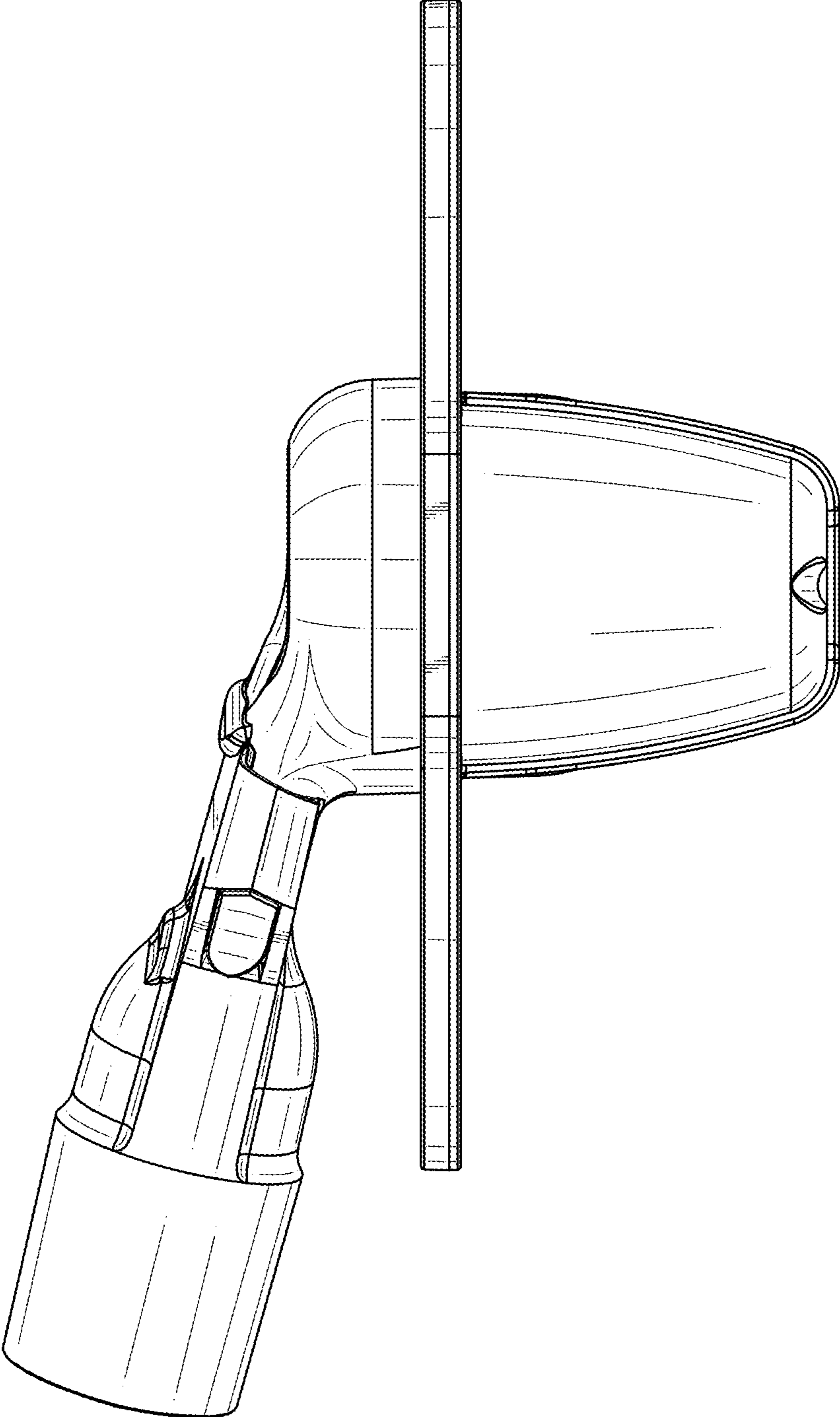


FIG. 3

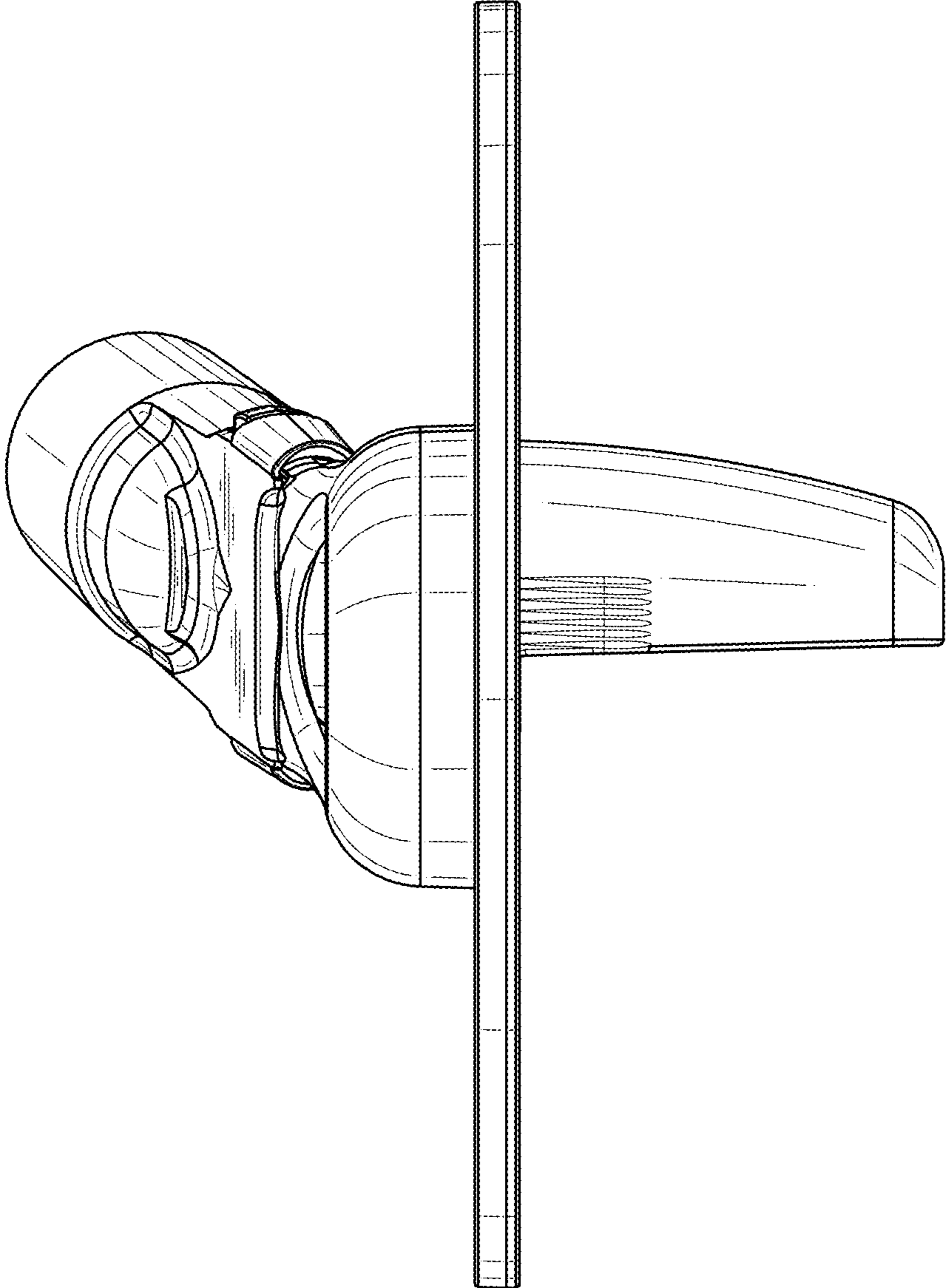


FIG.4

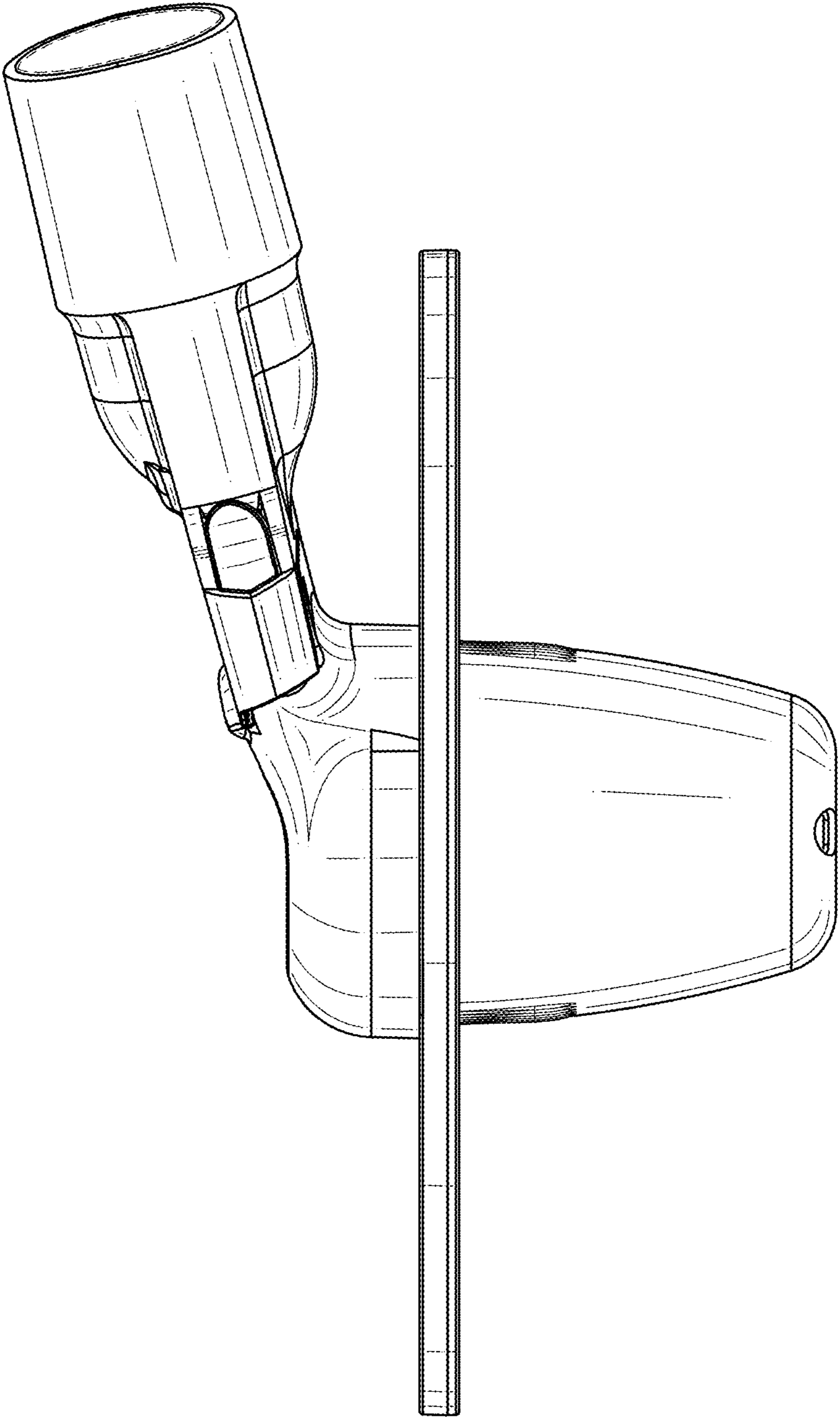


FIG. 5

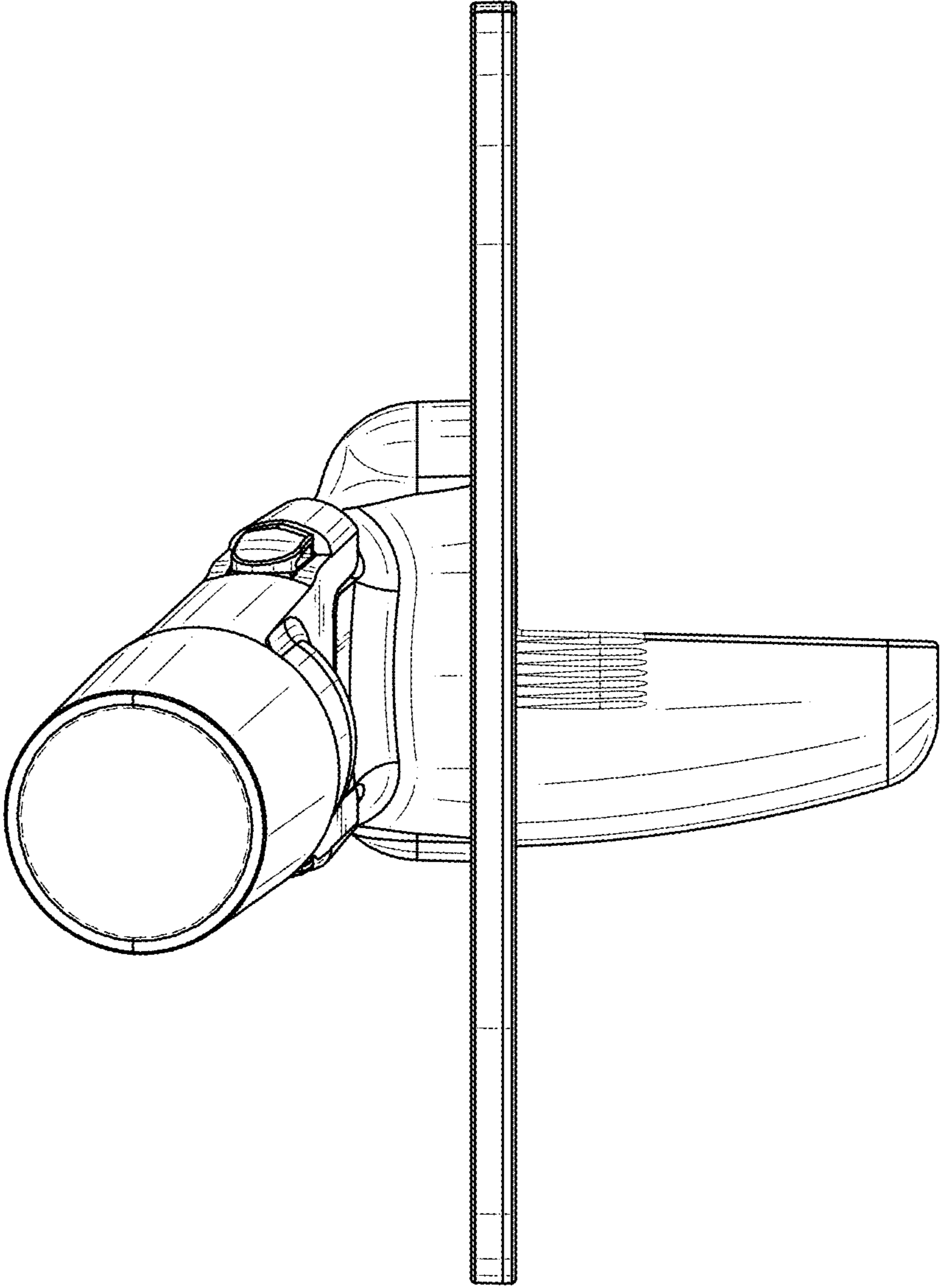


FIG. 6

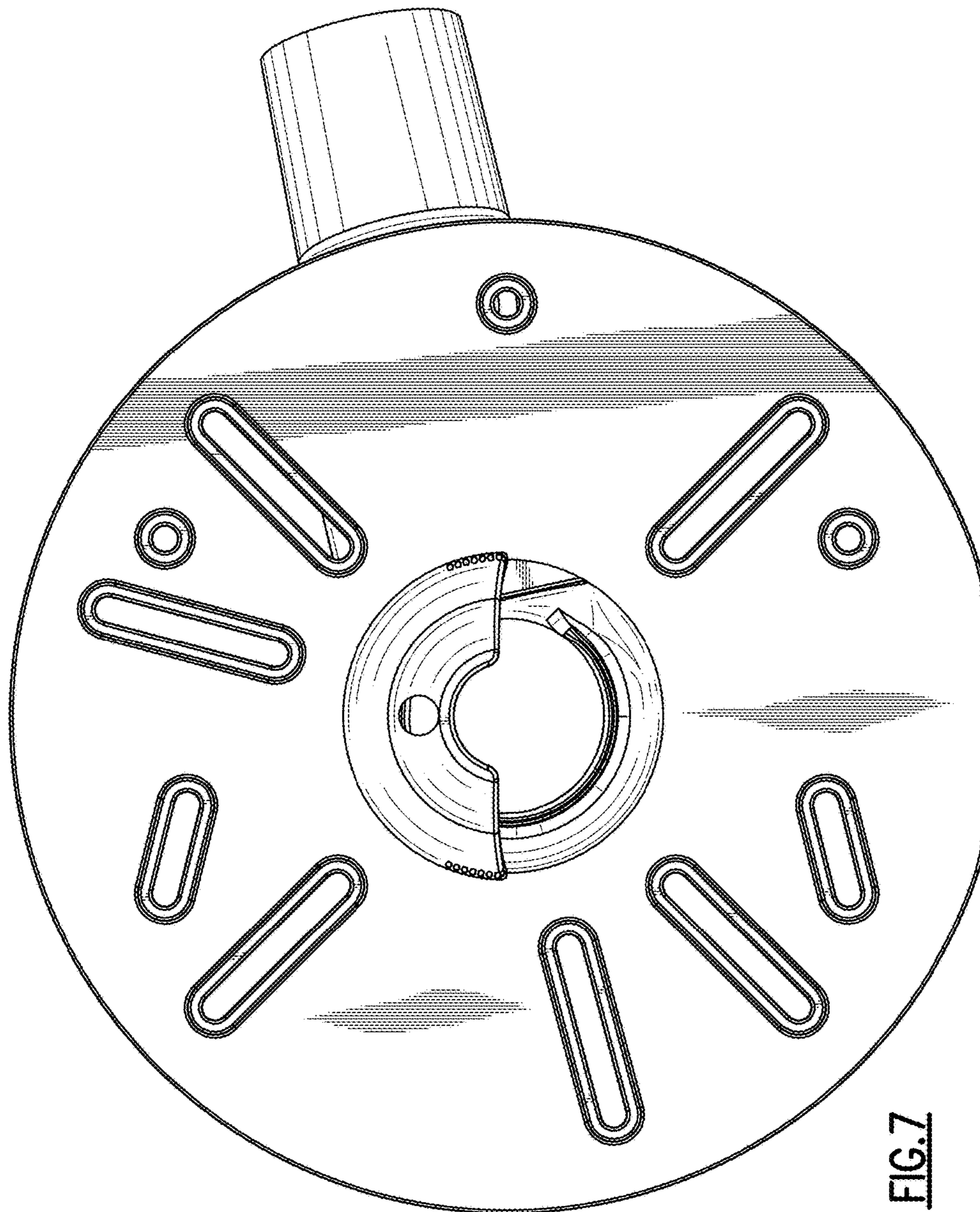


FIG. 7

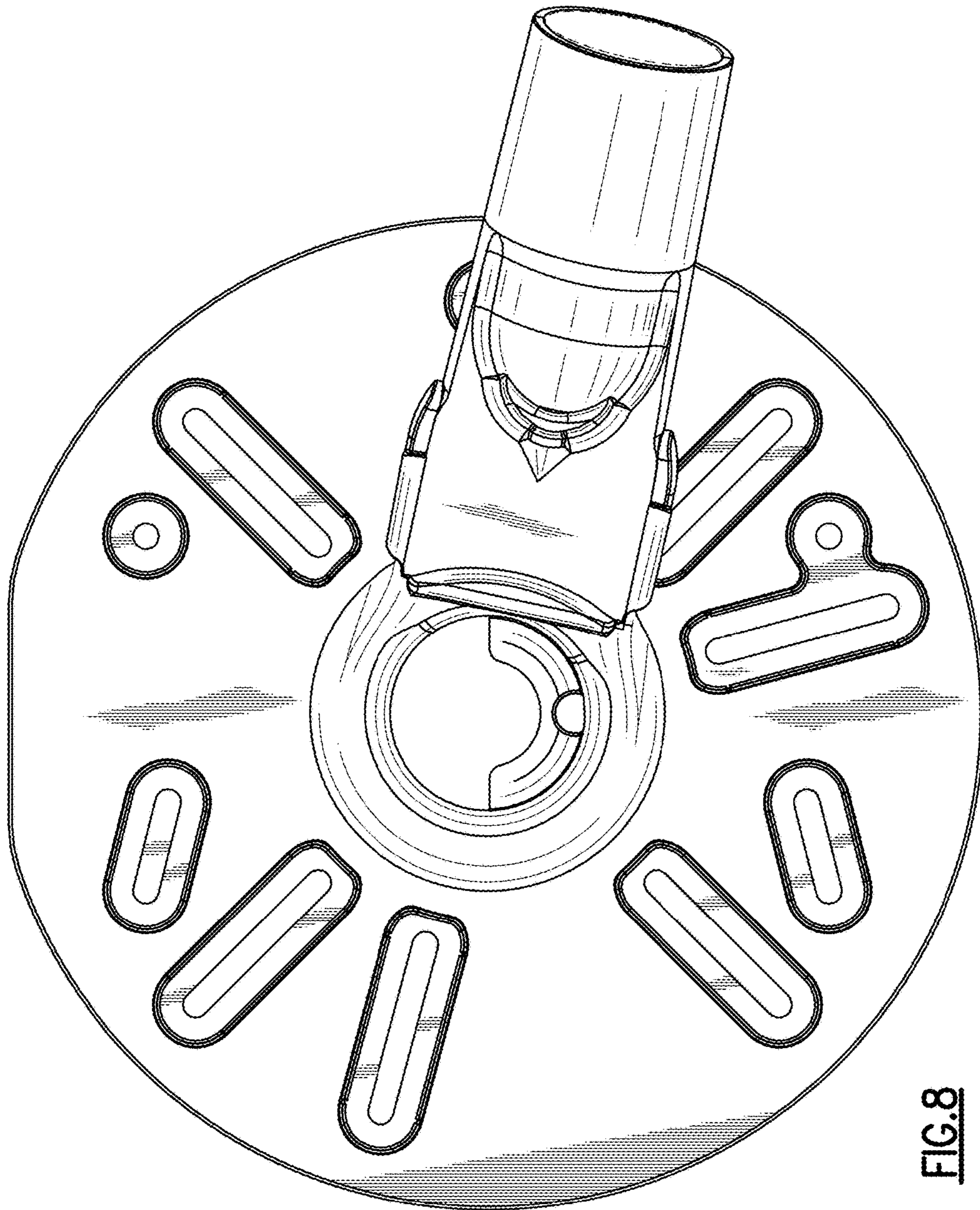


FIG.8

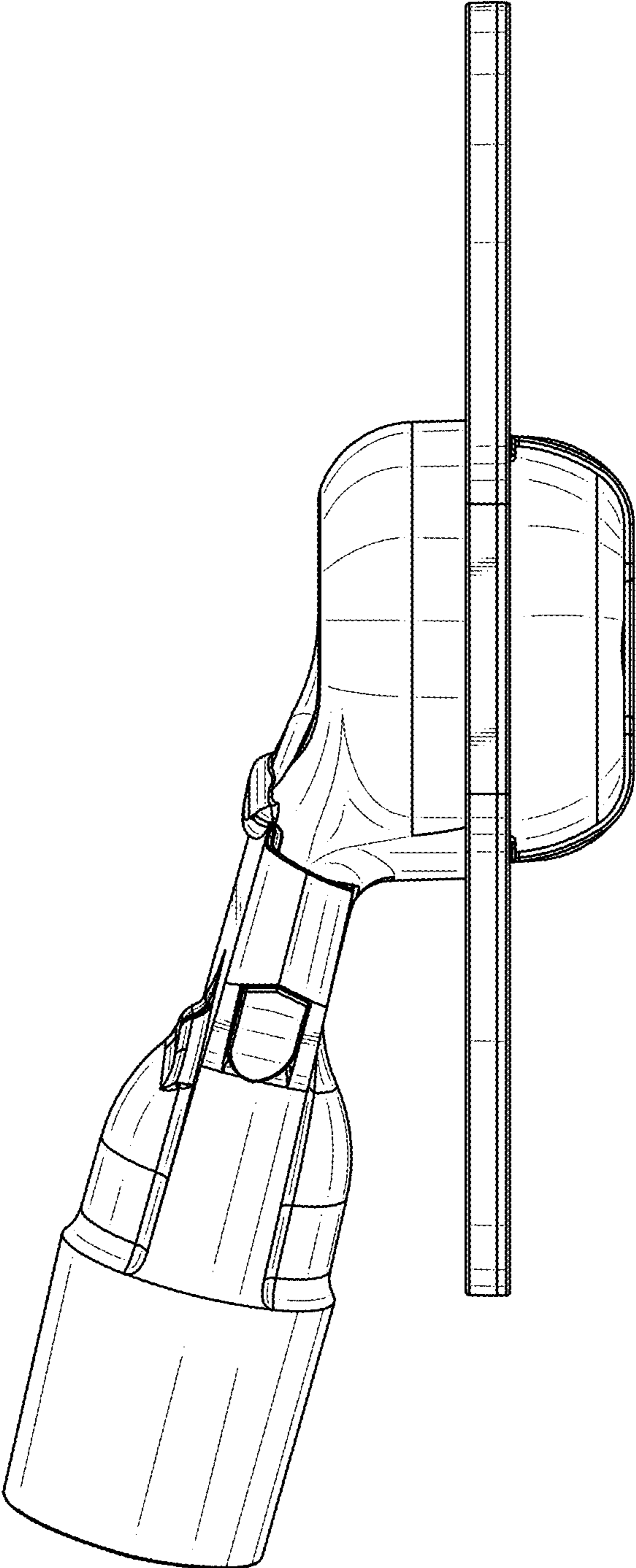


FIG. 9

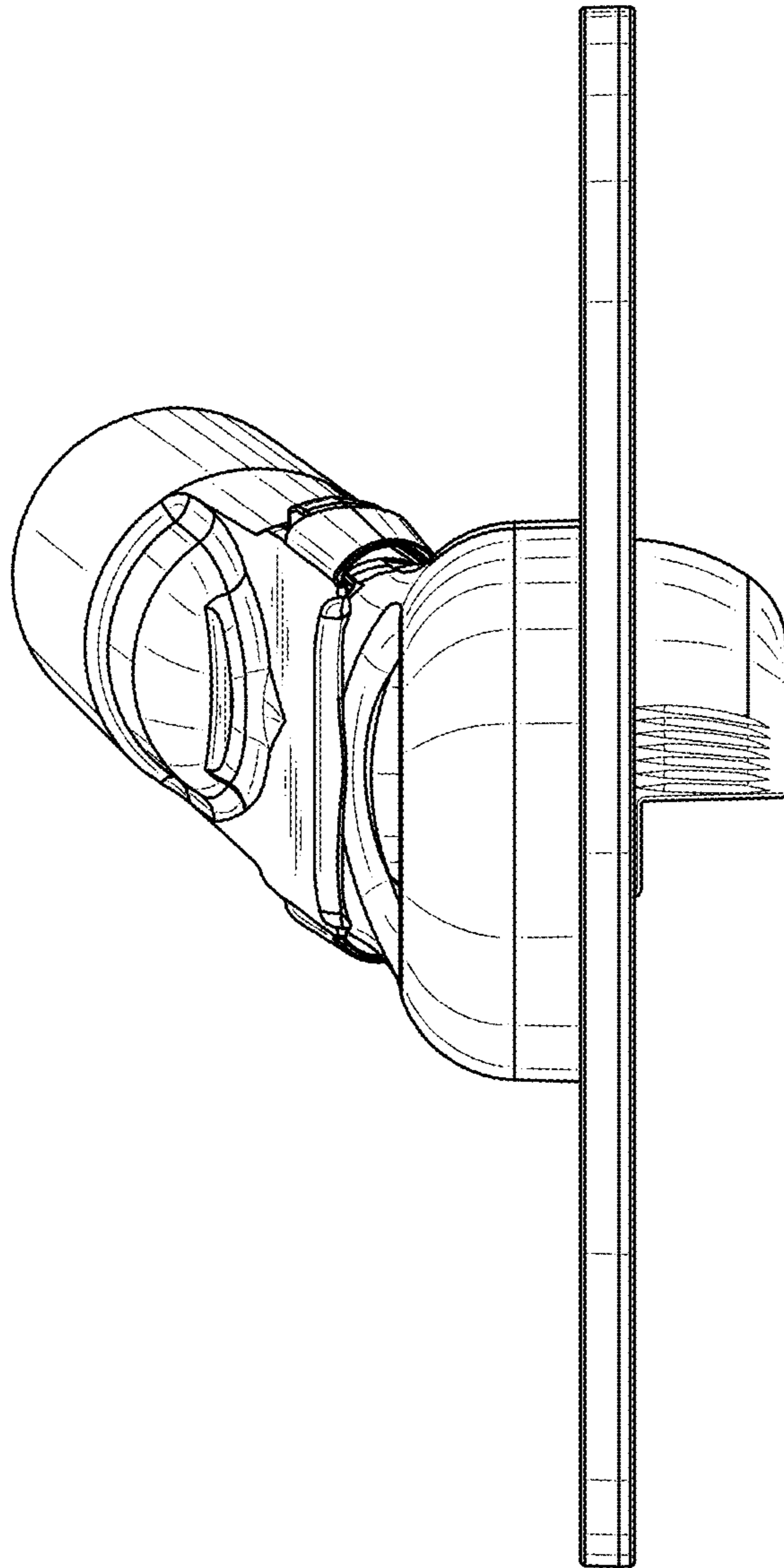


FIG.10

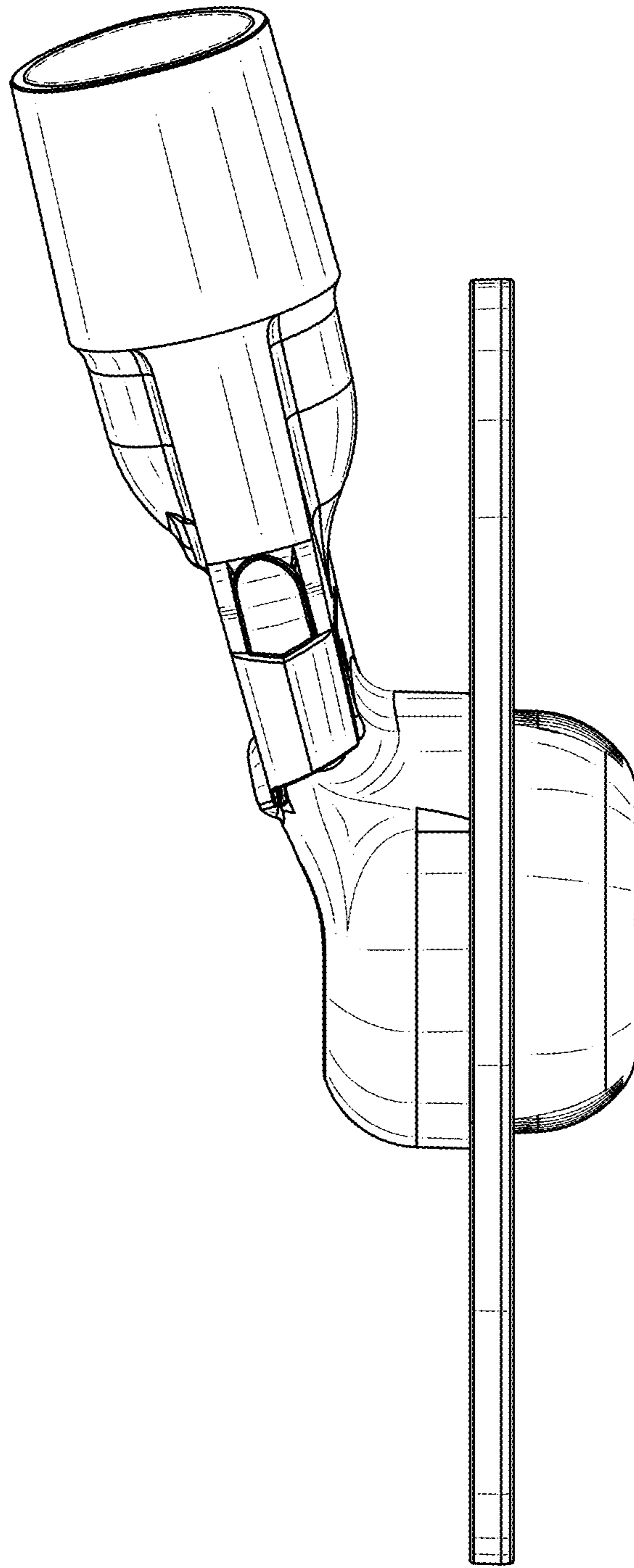


FIG.11

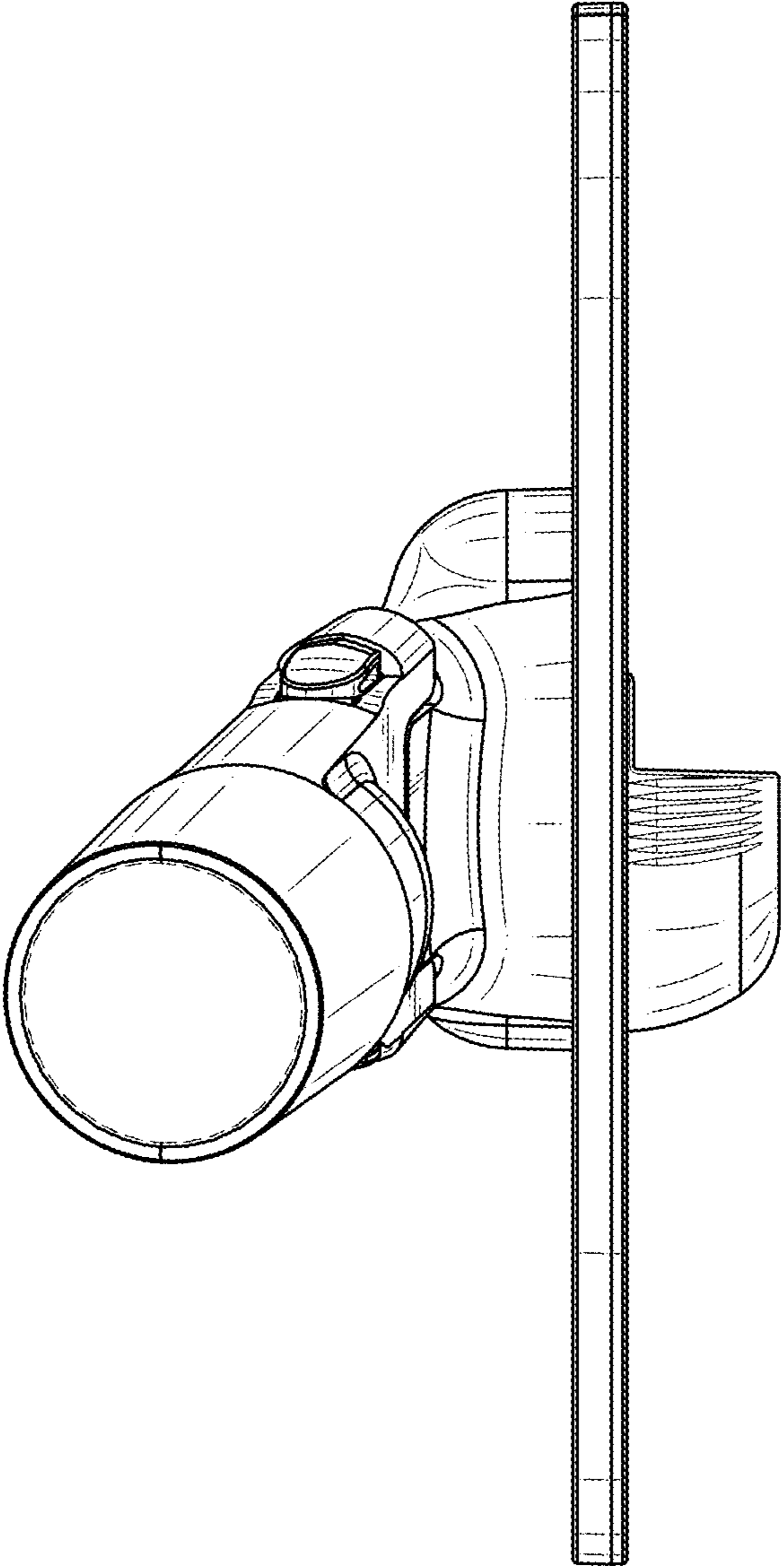


FIG.12

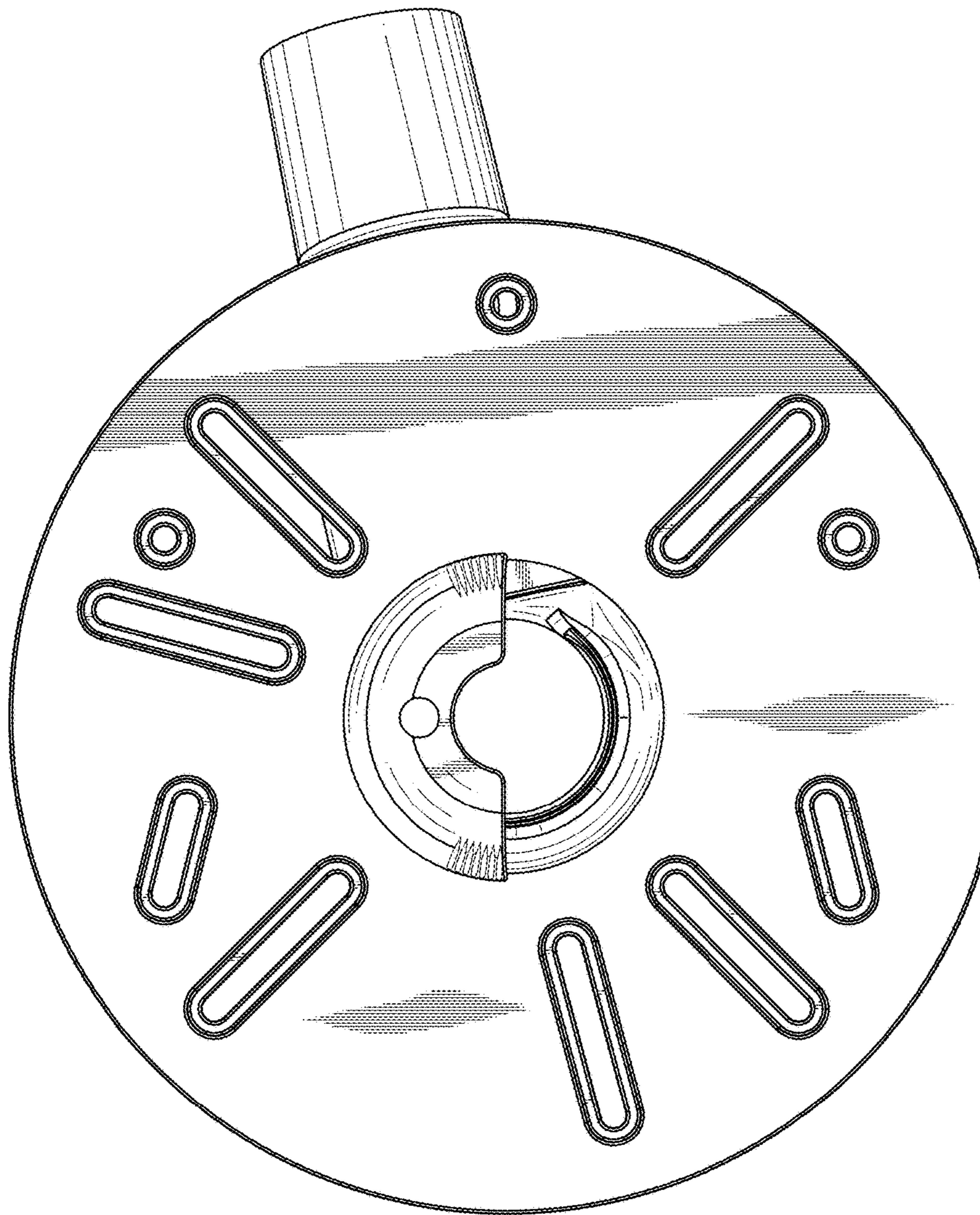


FIG.13