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(12) **United States Design Patent** (10) **Patent No.:** **US D942,271 S**
Lupberger et al. (45) **Date of Patent:** **** Feb. 1, 2022**

(54) **DETERGENT BOTTLE PUMP HEAD**

D471,105 S * 3/2003 Gonzalez D9/448
D499,966 S * 12/2004 Arminak D9/448
D504,620 S * 5/2005 Kazuo D9/685

(71) Applicant: **BOCKS INC.**, New York, NY (US)

(Continued)

(72) Inventors: **Ryan Lupberger**, New York, NY (US);
Zachary Bedrosian, New York, NY
(US); **Sina Sohrab**, New York, NY
(US); **Joseph Guerra**, New York, NY
(US)

FOREIGN PATENT DOCUMENTS

CN 304824827 * 9/2018

(73) Assignee: **Bocks Inc.**, New York, NY (US)

OTHER PUBLICATIONS

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

SandraTWP, Aug. 22, 2015, Amazon review Post, URL: [\(21\) Appl. No.: **29/737,122**](https://www.amazon.com/dp/B010QSLZJA/ref=sspa_dk_detail_2?psc=1&pd_rd_i=B010QSLZJA&pd_rd_w=1zlhX&pf_rd_p=5d846283-ed3e-4512-a744-a30f97c5d738&pd_rd_wg=TeE9S&pf_rd_r=X5T4NG6JN90N1P4EKS4&pd_rd_r=66c2e737-7d18-4958-ac66-3730eb9a897f&spLa=ZW5jenlwdGVkUXVhbGlmaWVyP (Year: 2015).*</p></div>
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(22) Filed: **Jun. 5, 2020**

(51) **LOC (13) Cl.** **09-01**

(52) **U.S. Cl.**

USPC **D9/448**

(58) **Field of Classification Search**

USPC D9/439, 440, 442-449, 682, 685, 686,
D9/435, 450, 454, 683, 684, 687-694,
D9/723; D6/515; D7/507, 509-511, 523,
D7/391, 392, 392.1, 396.2

CPC B65D 83/205; B65D 83/206; B65D 83/40;
B65D 2543/00046; A47G 19/2272

See application file for complete search history.

Primary Examiner — Brett Miller

Assistant Examiner — Rani J Abdallah

(74) *Attorney, Agent, or Firm* — Ignacio Bellver

(57) **CLAIM**

The ornamental design for a detergent bottle pump head, as shown and described.

(56) **References Cited**

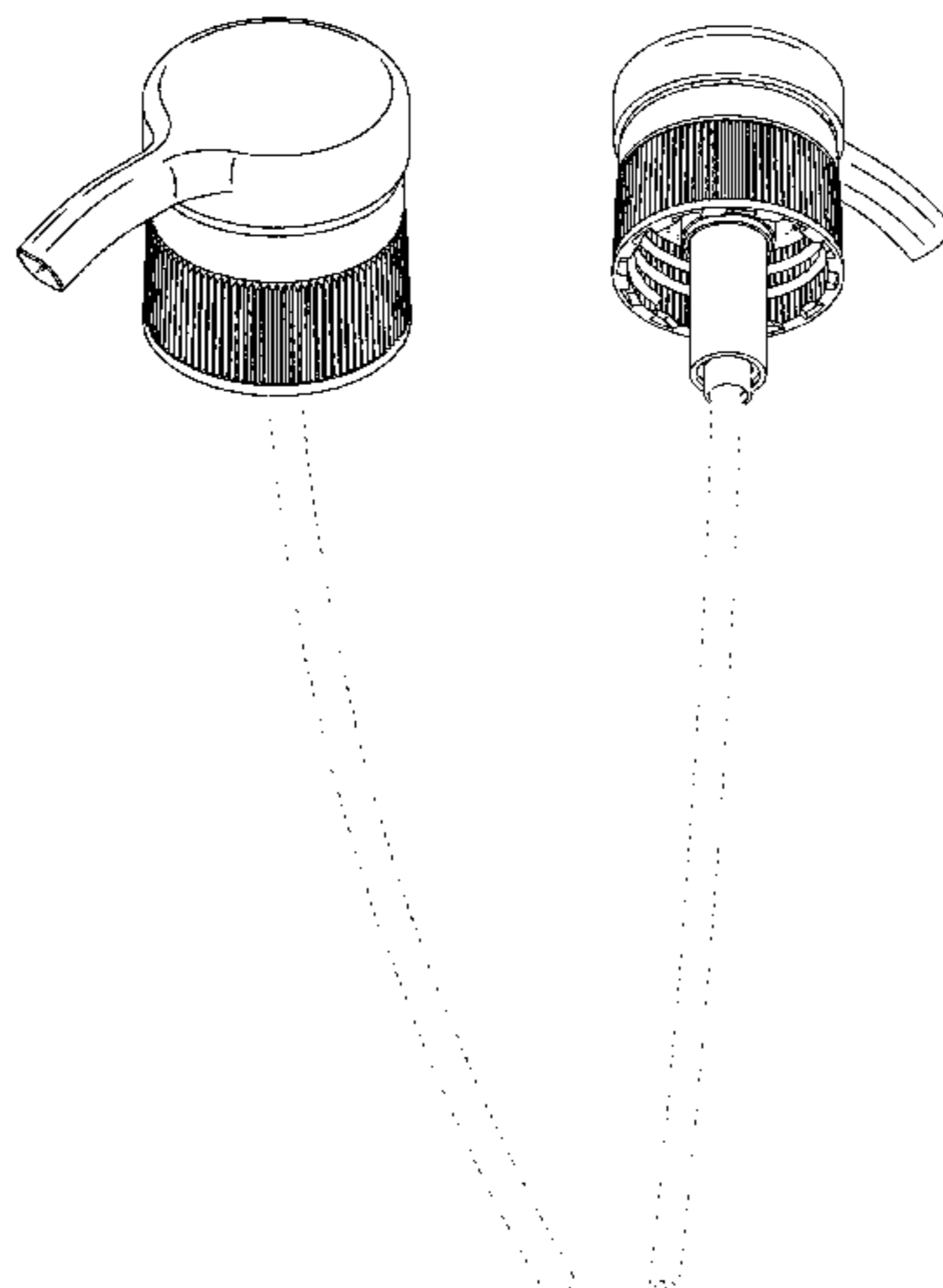
DESCRIPTION

U.S. PATENT DOCUMENTS

D193,037 S 6/1962 Harnage
3,590,691 A 7/1971 Magers
D233,413 S 10/1974 Pietsch
D253,398 S * 11/1979 Niemeyer D9/448
D351,794 S 10/1994 Foster
D378,736 S 4/1997 McPhilliamy
D381,580 S * 7/1997 Kokenge D9/447
D389,407 S 1/1998 Mascitelli
D392,887 S * 3/1998 Wadsworth D9/448
D400,102 S 10/1998 Tada
D418,755 S 1/2000 Duriat
D427,527 S 7/2000 Wise
D441,654 S * 5/2001 Sayers D9/448
D456,262 S 4/2002 Cummings

FIG. 1 is a top right perspective view of a detergent bottle pump head showing the new design; FIG. 2 is a front side plain view thereof; FIG. 3 is a right side plain view thereof; FIG. 4 is a left side plain view thereof; FIG. 5 is a top plain view thereof; FIG. 6 is a cross sectional view of the detergent bottle pump head, taken along lines 6-6 of FIG. 5; FIG. 7 is a bottom left perspective view thereof; and, FIG. 8 is a bottom plain view our detergent bottle pump head design.

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The broken lines depict portions of the article that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D507,486 S *	7/2005	Wang	.....	D9/448
D528,913 S *	9/2006	Penfold	.....	D9/448
D534,425 S *	1/2007	Kuo	.....	D9/448
D536,971 S	2/2007	Arminak		
D574,707 S *	8/2008	Pietrowski	.....	D9/448
D598,750 S *	8/2009	Boes	.....	D9/448
D626,858 S *	11/2010	Oates	.....	D9/682
D636,261 S *	4/2011	Michitsuji	.....	D9/448
D636,262 S *	4/2011	Michitsuji	.....	D9/448
D654,361 S *	2/2012	Hirata	.....	D9/448
D665,667 S	8/2012	Ghiorghie		
D716,665 S *	11/2014	O'Donahue	.....	D9/682
D717,178 S *	11/2014	Brewer	.....	D9/693
D730,733 S *	6/2015	O'Donahue	.....	D9/448
D731,888 S *	6/2015	O'Donahue	.....	D9/448
D747,972 S *	1/2016	Allan	.....	D9/682
D748,490 S *	2/2016	Allan	.....	D9/694
D748,491 S *	2/2016	Jin	.....	D9/682
D752,991 S *	4/2016	Ober	.....	D9/691
D773,847 S	12/2016	Lord		
D794,452 S	8/2017	Chan		

D810,566 S *	2/2018	Kuo	.....	D9/448
D825,100 S	8/2018	Estrella		
D840,828 S *	2/2019	Demarest	.....	B05B 7/0037
				D9/448
D847,657 S *	5/2019	Oates	.....	B05B 11/3074
				D9/682
D875,526 S	2/2020	Bos		
D895,432 S *	9/2020	Yoshioka	.....	B05B 11/3047
				D9/682
D920,127 S *	5/2021	Allan	.....	B05B 15/30
				D9/682
2010/0006606 A1 *	1/2010	Lee	.....	B05B 11/0094
				222/383.1
2011/0011895 A1 *	1/2011	Michitsuji	.....	B05B 15/30
				222/382
2011/0095055 A1 *	4/2011	Kakuta	.....	B05B 11/3047
				222/321.9
2012/0006854 A1 *	1/2012	Carta	.....	B05B 11/3074
				222/321.7
2012/0104048 A1 *	5/2012	Tseng	.....	B05B 7/0037
				222/190

OTHER PUBLICATIONS

Cleancult, Oct. 6, 2019, Cleancult facebook Post, URL:<https://www.facebook.com/cleancult/photos/a.1699850986933766/2363398113912380/?type=3&theater> (Year: 2019).*

Steen winther, Dec. 30, 2012, Soap Dispenser Pump, URL:<https://grabcad.com/library/soap-dispenser-pump> (Year: 2012).*

* cited by examiner

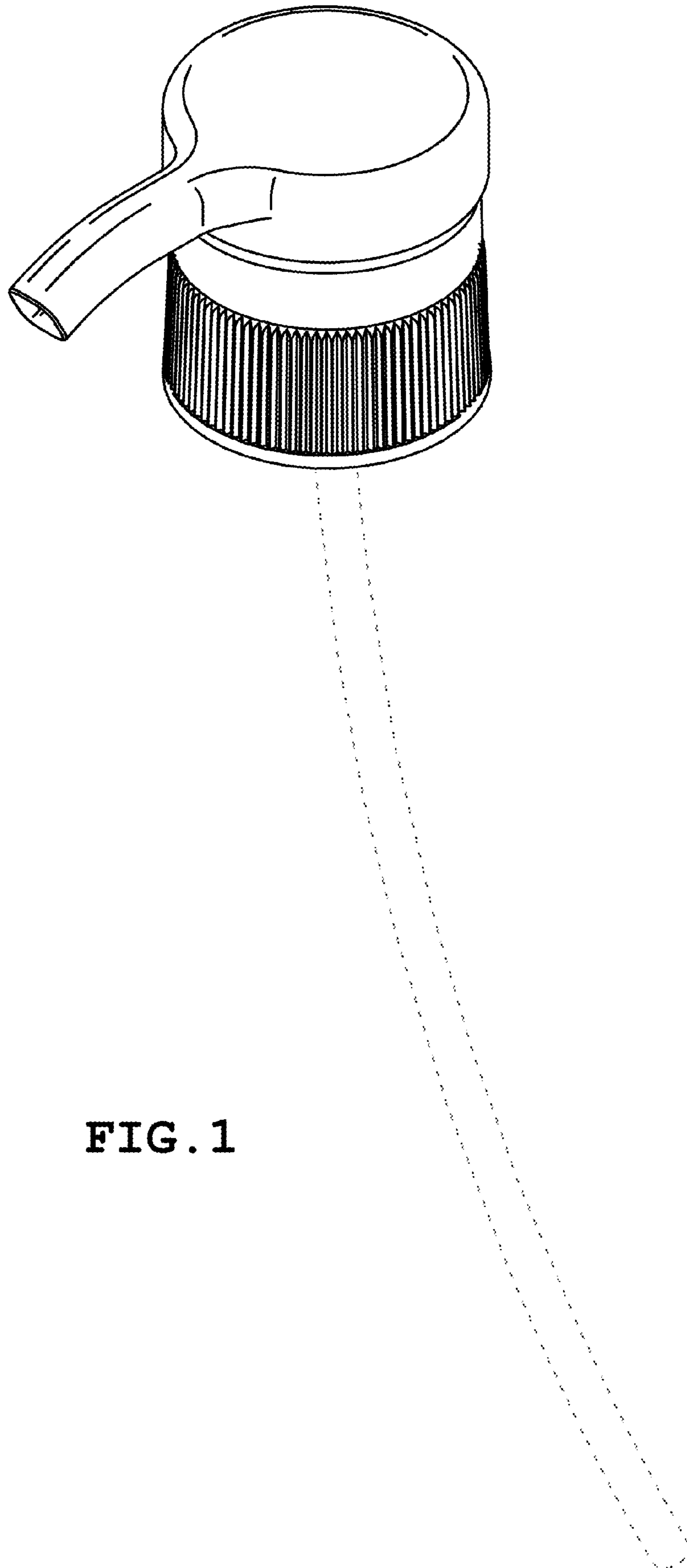


FIG. 1

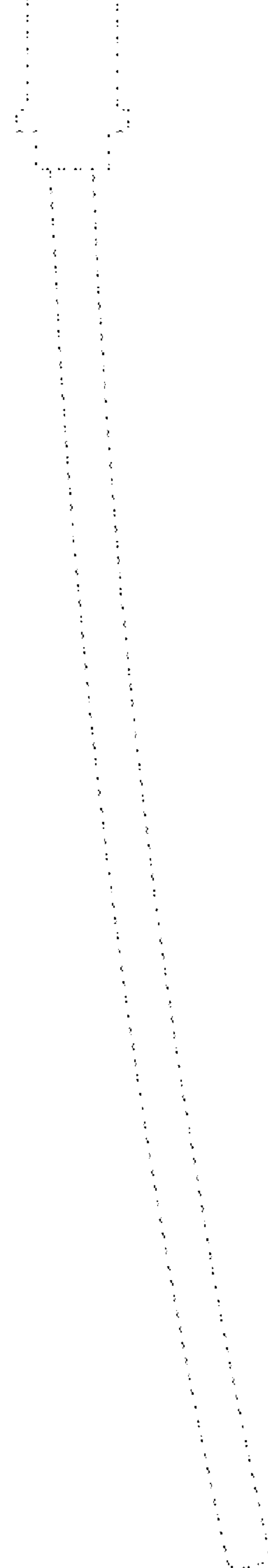
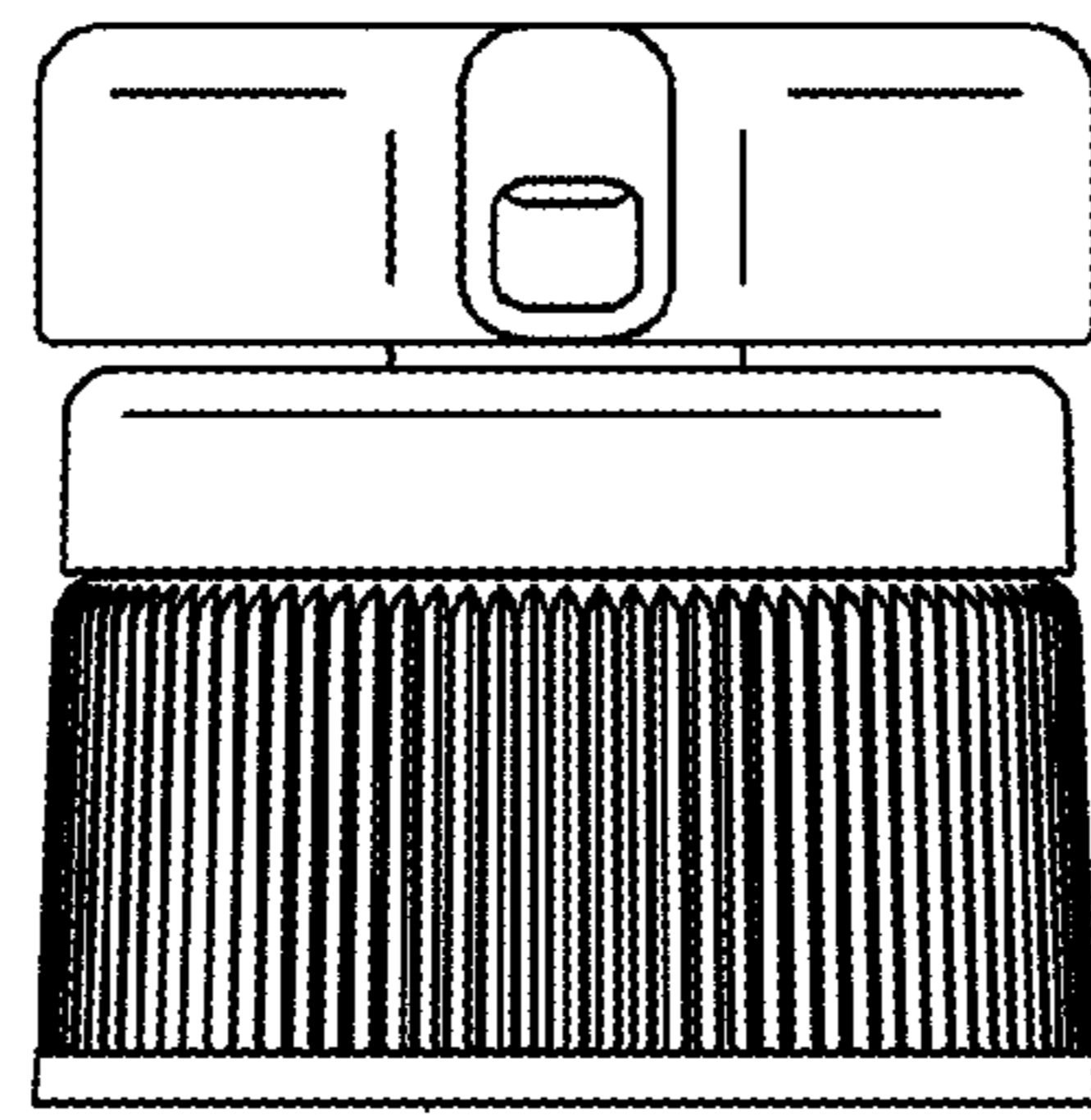


FIG. 2

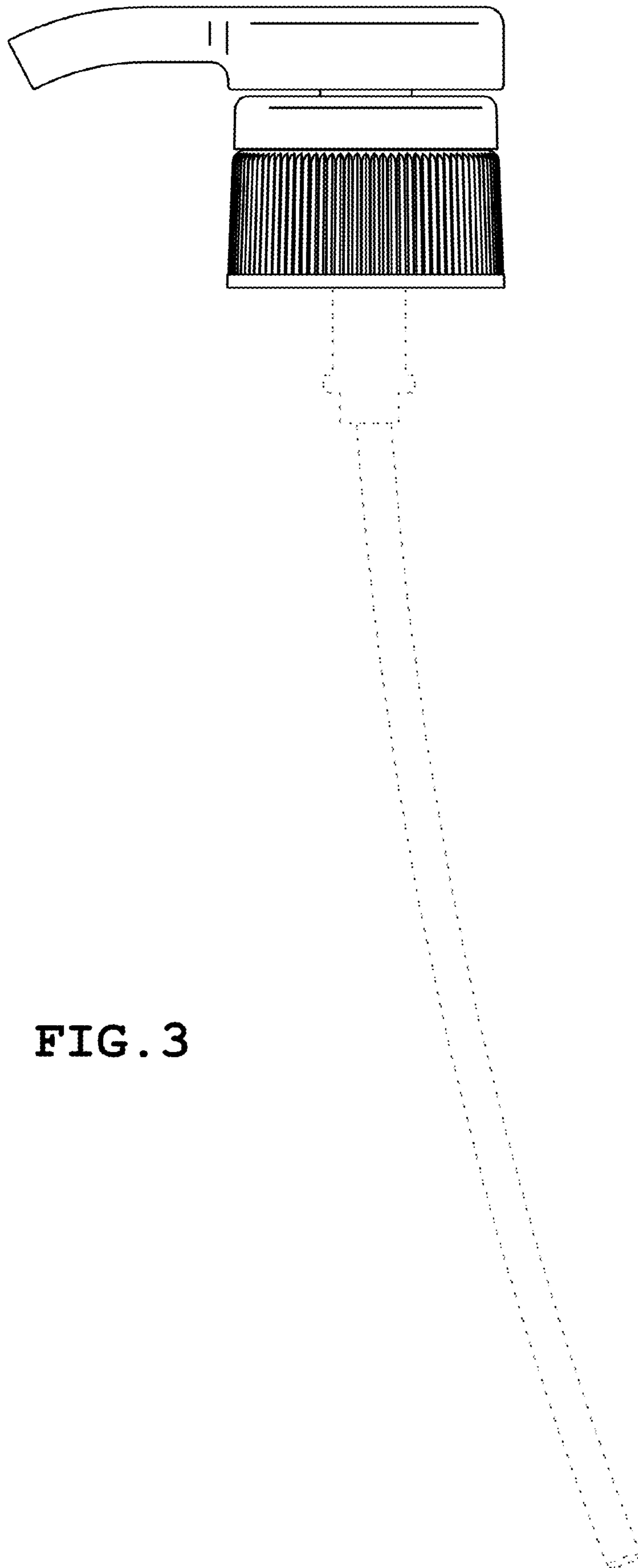


FIG. 3

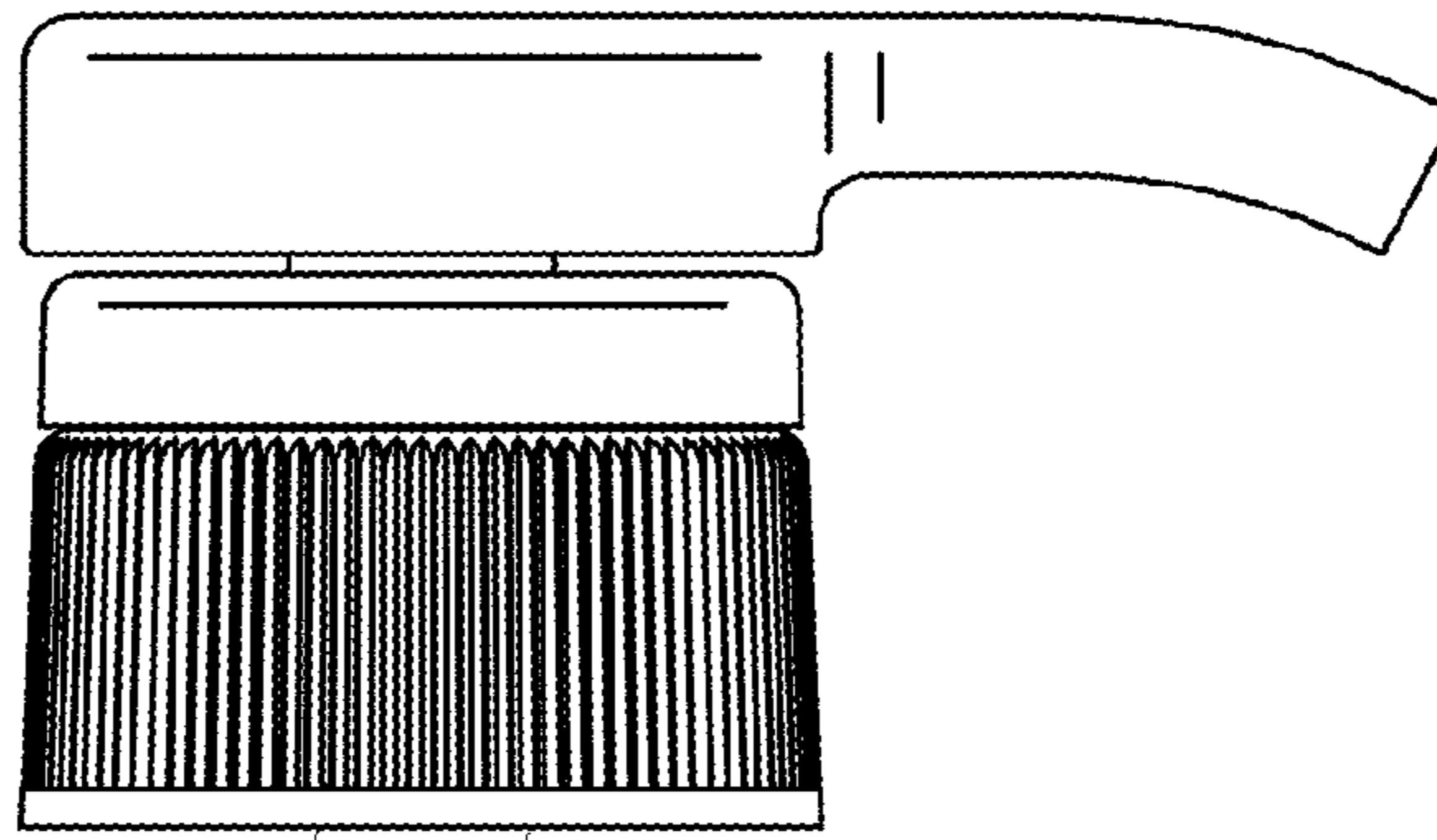
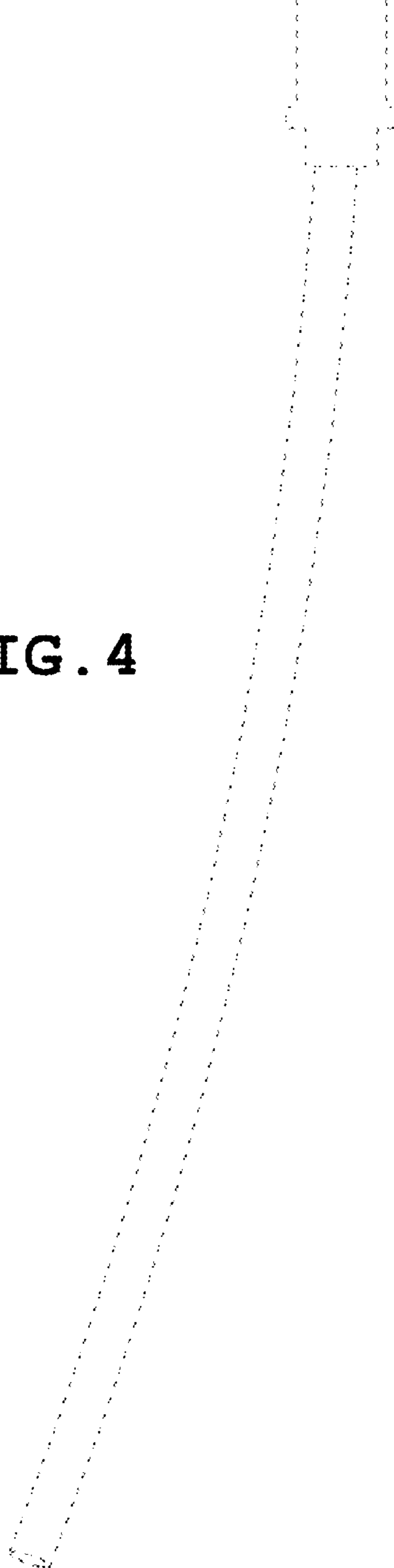


FIG. 4



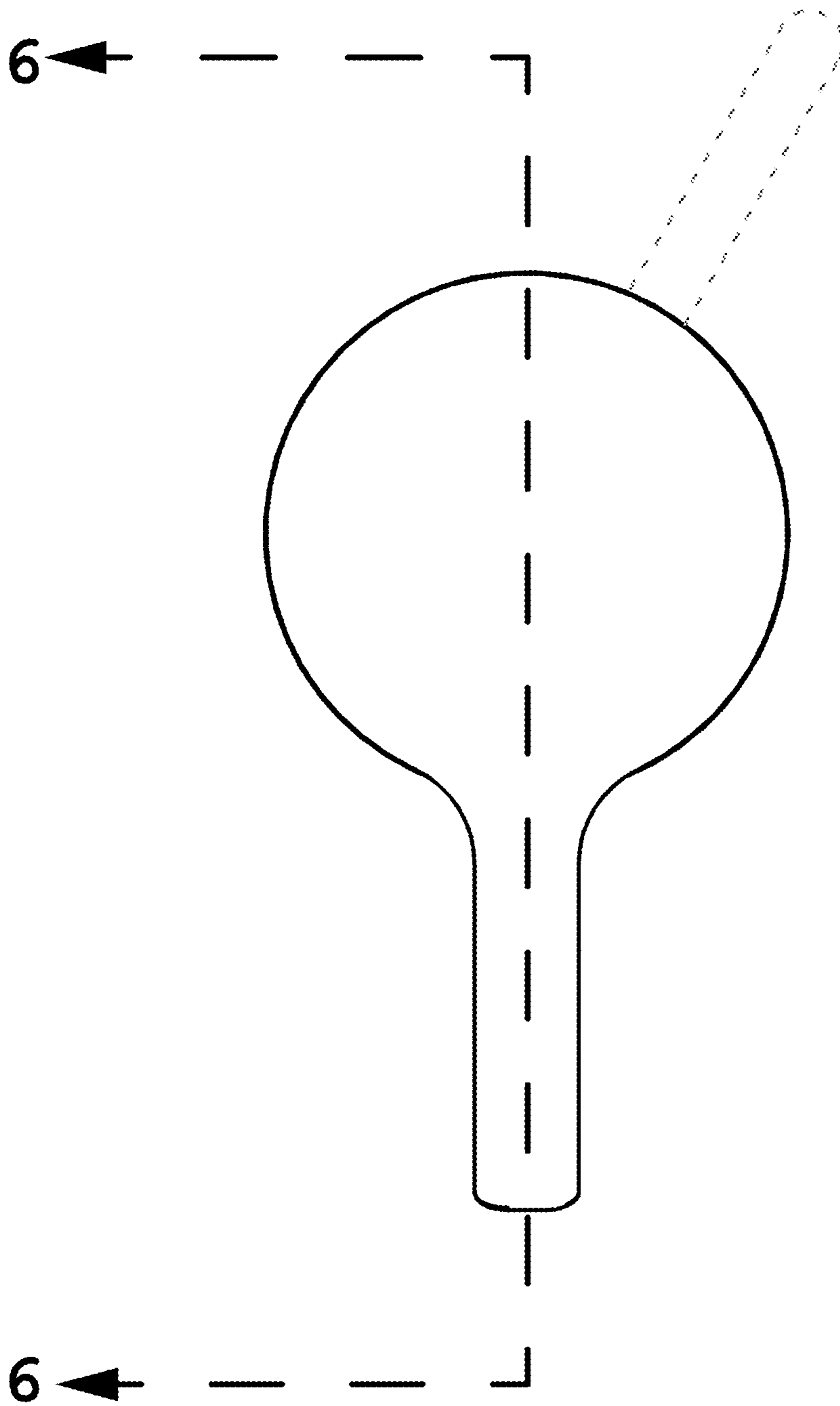


FIG. 5

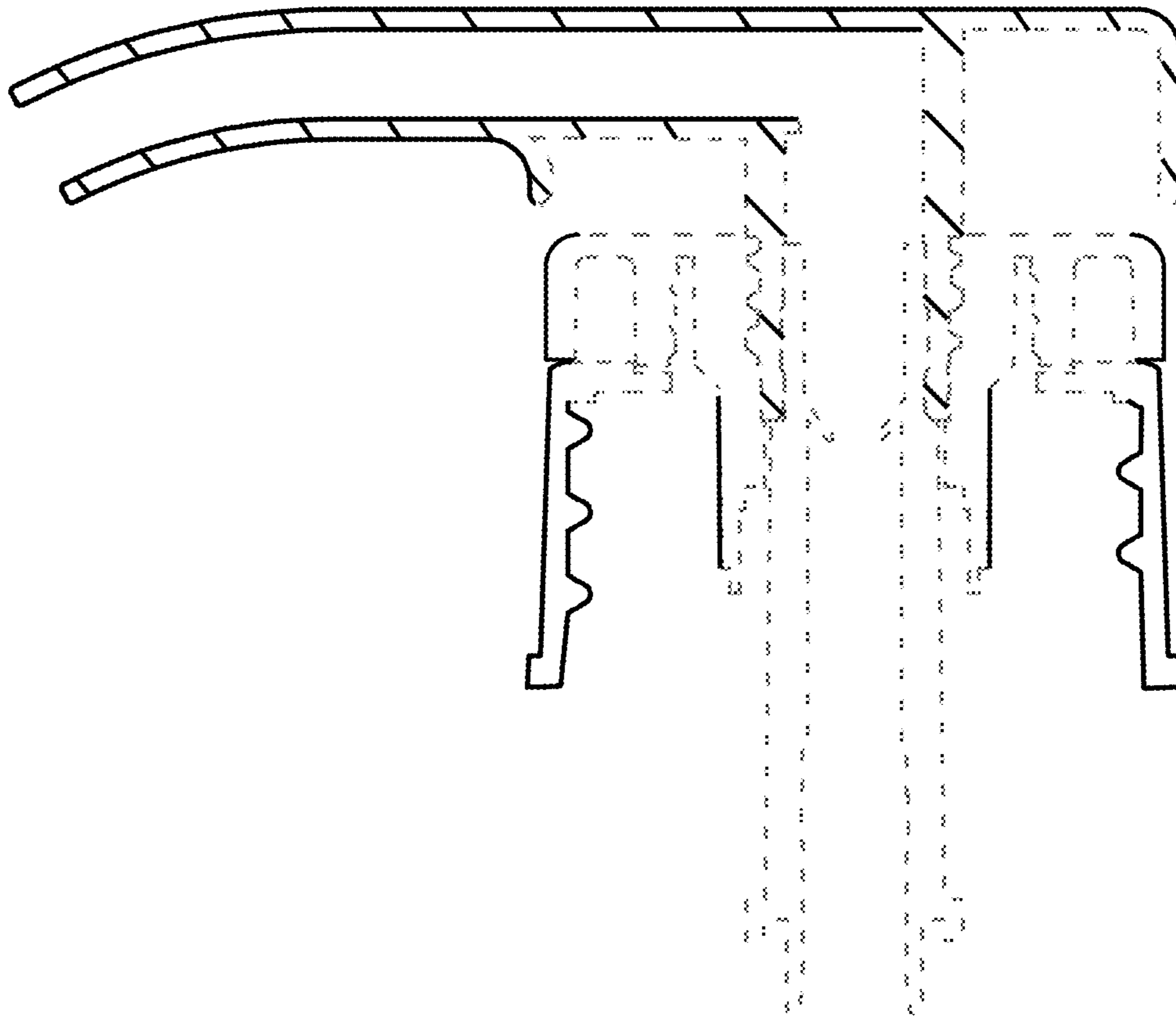


FIG. 6

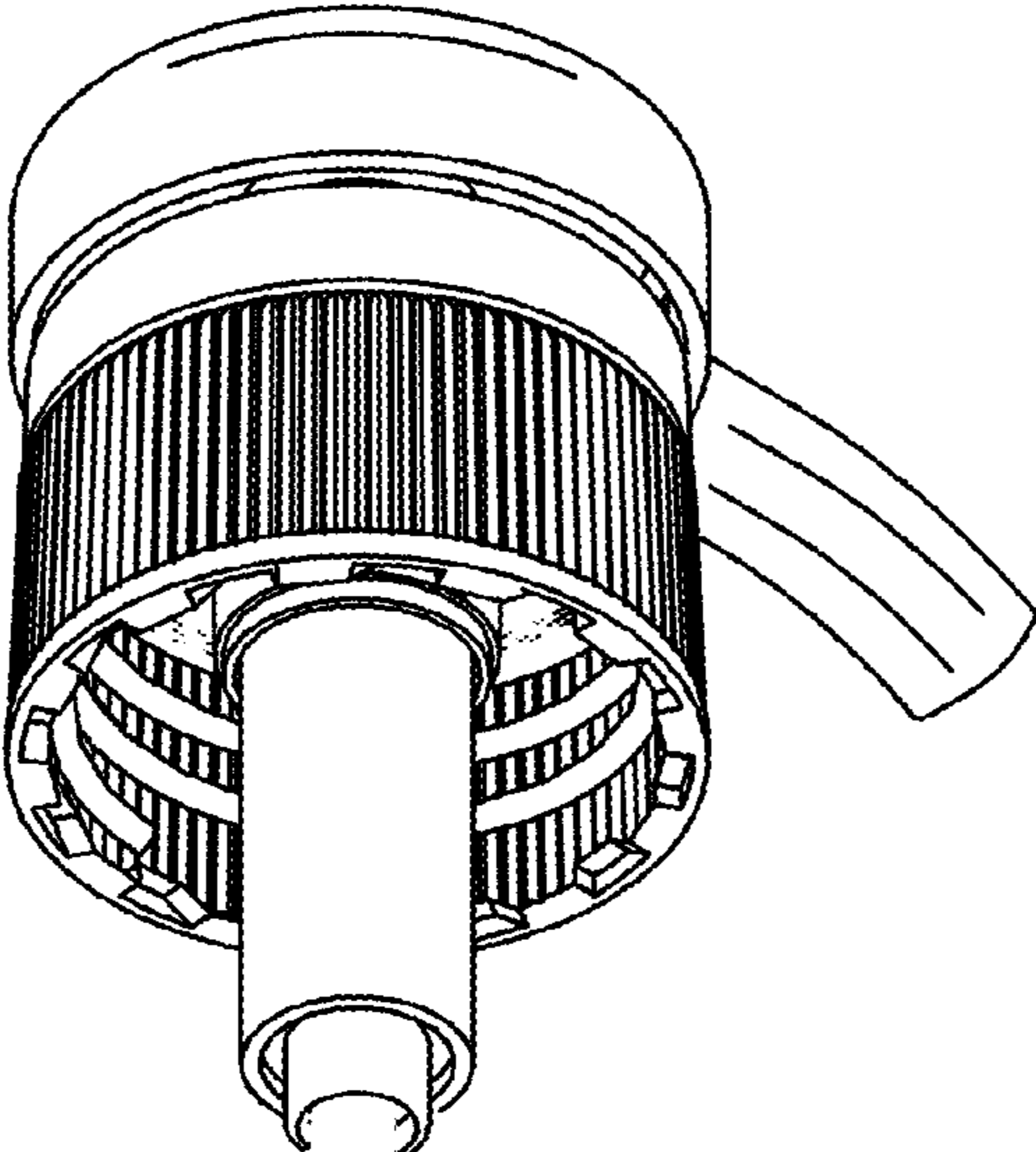


FIG. 7

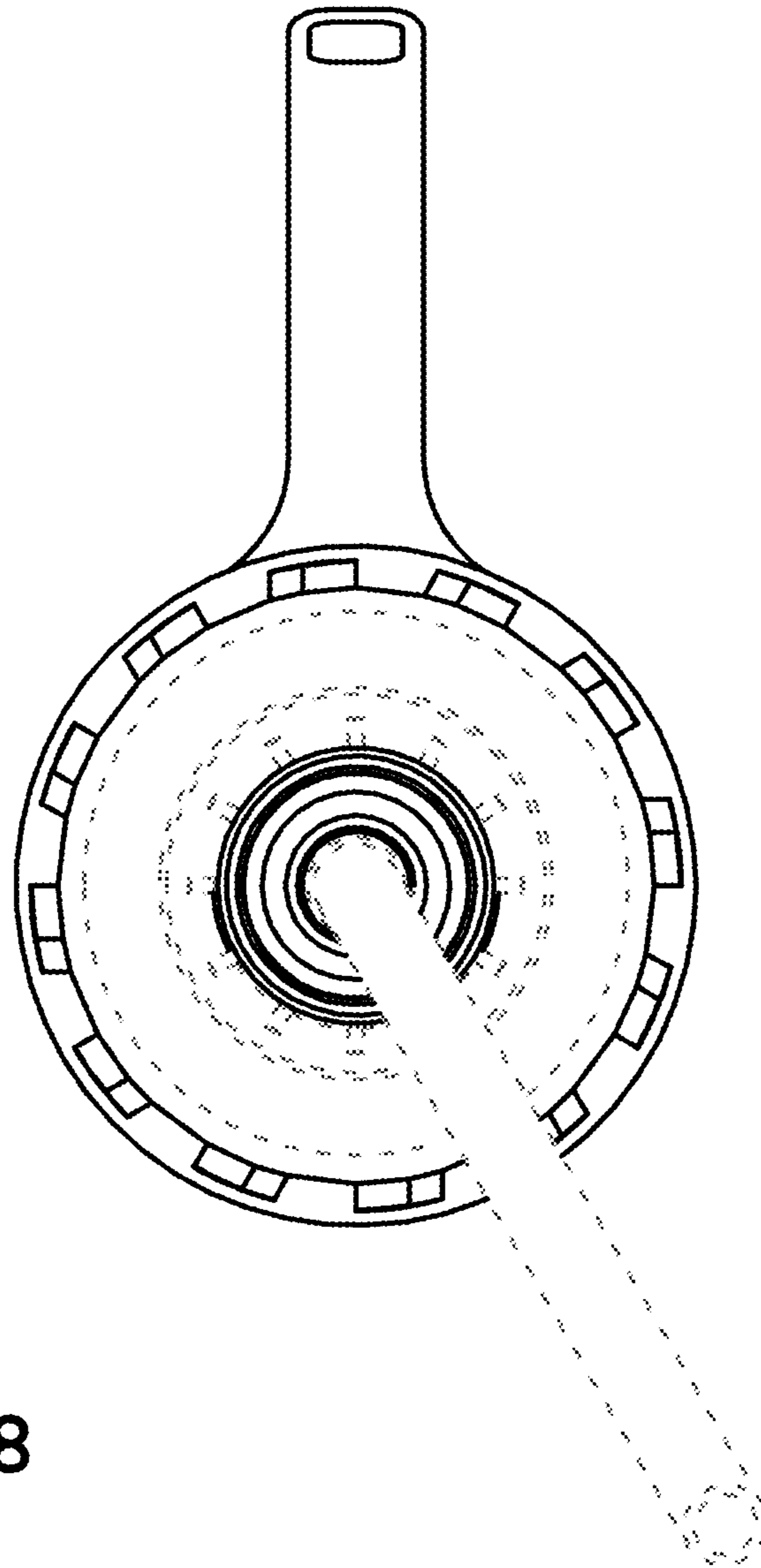


FIG. 8