



US00D825749S

(12) **United States Design Patent** (10) **Patent No.:** **US D825,749 S**
Huang et al. (45) **Date of Patent:** **** Aug. 14, 2018**

(54) **PEN NEEDLE OUTER COVER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Becton, Dickinson and Company**,
Franklin Lakes, NJ (US)

WO WO-2009089638 7/2009
WO WO-2010090733 8/2010

(Continued)

(72) Inventors: **David Huang**, Hayward, CA (US);
Todd Sack, Dover, DE (US); **Mark
Bowen**, Stow, MA (US); **Matthew
Zuschlag**, Randolph, NJ (US); **David
Schiff**, Highland Park, NJ (US); **Pearse
Egan**, Dublin (IE)

OTHER PUBLICATIONS

Clickfine Pen Needles, <http://myclickfine.com/default.aspx>, Down-
loaded Jun. 30, 2015.

(Continued)

(73) Assignee: **Becton, Dickinson and Company**,
Franklin Lakes, NJ (US)

Primary Examiner — David Muller

(74) *Attorney, Agent, or Firm* — Dickinson Wright PLLC

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

(57) **CLAIM**

The ornamental design for a pen needle outer cover, as
shown and described.

(21) Appl. No.: **29/600,347**

DESCRIPTION

(22) Filed: **Apr. 11, 2017**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/561,304,
filed on Apr. 14, 2016, now Pat. No. Des. 787,669.

(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/130**

(58) **Field of Classification Search**
USPC D24/127–131, 112–114, 133, 186;
606/181, 185; 604/264, 523–528, 272,
(Continued)

FIG. 1 is a top perspective view of a pen needle outer cover
embodying our new design;
FIG. 2 is a bottom perspective view of the pen needle outer
cover shown in FIG. 1;
FIG. 3 is a bottom view of the pen needle outer cover shown
in FIGS. 1 and 2;
FIG. 4 is a side view of the pen needle outer cover shown
in FIGS. 1-3;
FIG. 5 is another side view of the pen needle outer cover
shown in FIGS. 1-3, as it would appear when rotated about
its longitudinal axis by 45 degrees, 135 degrees, 225 degrees
or 315 degrees in either rotational direction from the orien-
tation shown in FIG. 4;
FIG. 6 is a top view of pen needle outer cover shown in
FIGS. 1-5; and,
FIG. 7 is a side cross-sectional view, taken along the line 7-7
in FIG. 3, of the pen needle outer cover shown in FIGS. 1-6.
The dashed broken lines in the drawings represent portions
of the pen needle outer cover that form no part of the claimed
design.

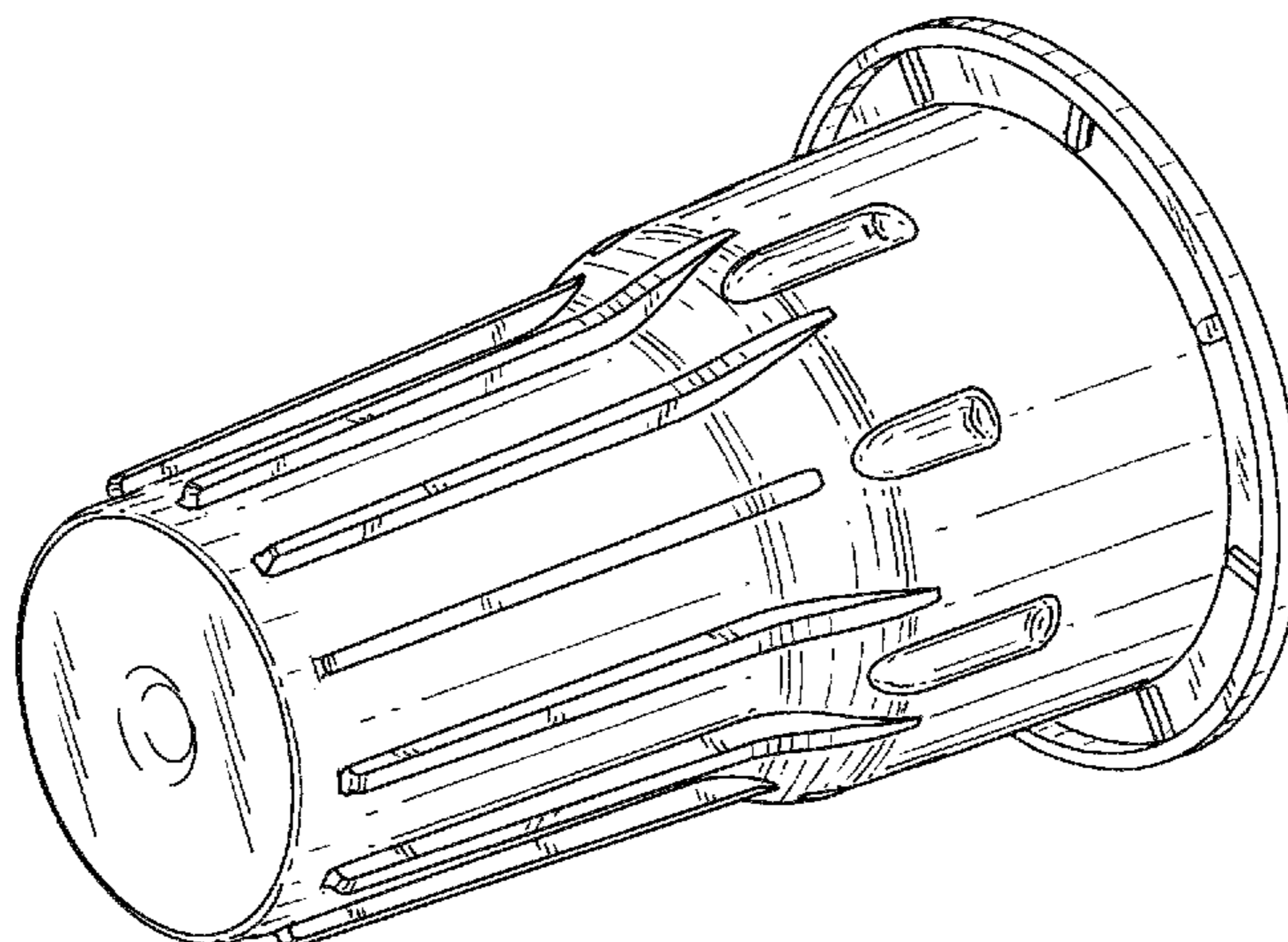
(56) **References Cited**

U.S. PATENT DOCUMENTS

D323,710 S * 2/1992 Kasai D24/130
D326,322 S * 5/1992 Clegg D24/112

(Continued)

1 Claim, 4 Drawing Sheets



(58) **Field of Classification Search**

USPC 604/187, 158, 164.01–164.11, 181, 184,
 604/227; 600/101, 139, 143;
 128/200.24, 207.14, 207.15
 CPC A61M 5/178; A61M 3/00; A61M 5/20;
 A61M 5/31; A61M 5/3146; A61M
 5/3129; A61M 5/3148; A61M 5/315
 See application file for complete search history.

| | | | | |
|--------------|-----|---------|-------------------|---------|
| 8,529,518 | B2 | 9/2013 | Larsen et al. | |
| 8,672,902 | B2 | 3/2014 | Ruan et al. | |
| D713,029 | S * | 9/2014 | Shiraishi | D24/130 |
| D713,958 | S | 9/2014 | Srinivasan et al. | |
| 8,834,415 | B2 | 9/2014 | Schrage | |
| 8,858,507 | B2 | 10/2014 | Nielsen et al. | |
| D737,963 | S | 9/2015 | Srinivasan et al. | |
| D745,668 | S | 12/2015 | Shiraishi et al. | |
| D751,192 | S * | 3/2016 | She | D24/127 |
| D760,890 | S * | 7/2016 | Guala | D24/112 |
| 2004/0111067 | A1 | 6/2004 | Kirchhofer | |
| 2009/0069755 | A1 | 3/2009 | Horvath | |
| 2012/0029440 | A1 | 2/2012 | Boyd et al. | |
| 2012/0071835 | A1 | 3/2012 | Marshall et al. | |
| 2015/0011974 | A1 | 1/2015 | Schrage | |
| 2015/0297837 | A1 | 10/2015 | Schrage | |
| 2015/0320941 | A1 | 11/2015 | Horvath | |

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|-----------|------|---------|-----------------|------------------------|
| D332,490 | S * | 1/1993 | Brown | D24/130 |
| D369,409 | S * | 4/1996 | Salter | D24/129 |
| 5,941,857 | A | 8/1999 | Nguyen et al. | |
| 5,968,021 | A | 10/1999 | Ejlersen | |
| 5,971,966 | A | 10/1999 | Lav | |
| D461,244 | S * | 8/2002 | Niermann | D24/130 |
| 6,551,286 | B1 * | 4/2003 | Claessens | A61M 5/3202 128/919 |
| D494,677 | S * | 8/2004 | Garvin | D24/130 |
| D581,049 | S * | 11/2008 | Sudo | D24/130 |
| 7,665,605 | B2 | 2/2010 | Erickson et al. | |
| D612,493 | S * | 3/2010 | Claessens | D24/130 |
| 7,871,397 | B2 | 1/2011 | Schrage | |
| 8,133,202 | B2 | 3/2012 | Marsh | |
| D667,951 | S * | 9/2012 | Marshall | D24/130 |
| D669,579 | S | 10/2012 | Marshall et al. | |
| 8,287,492 | B2 | 10/2012 | Schrage | |

FOREIGN PATENT DOCUMENTS

| | | |
|----|---------------|---------|
| WO | WO-2014167340 | 10/2014 |
| WO | WO-2015085031 | 6/2015 |
| WO | WO-2016123494 | 8/2016 |

OTHER PUBLICATIONS

Meet NovoFine(R) Plus: The 32G 4 mm pen needle that makes injections a little friendlier, Dec. 2013.

* cited by examiner

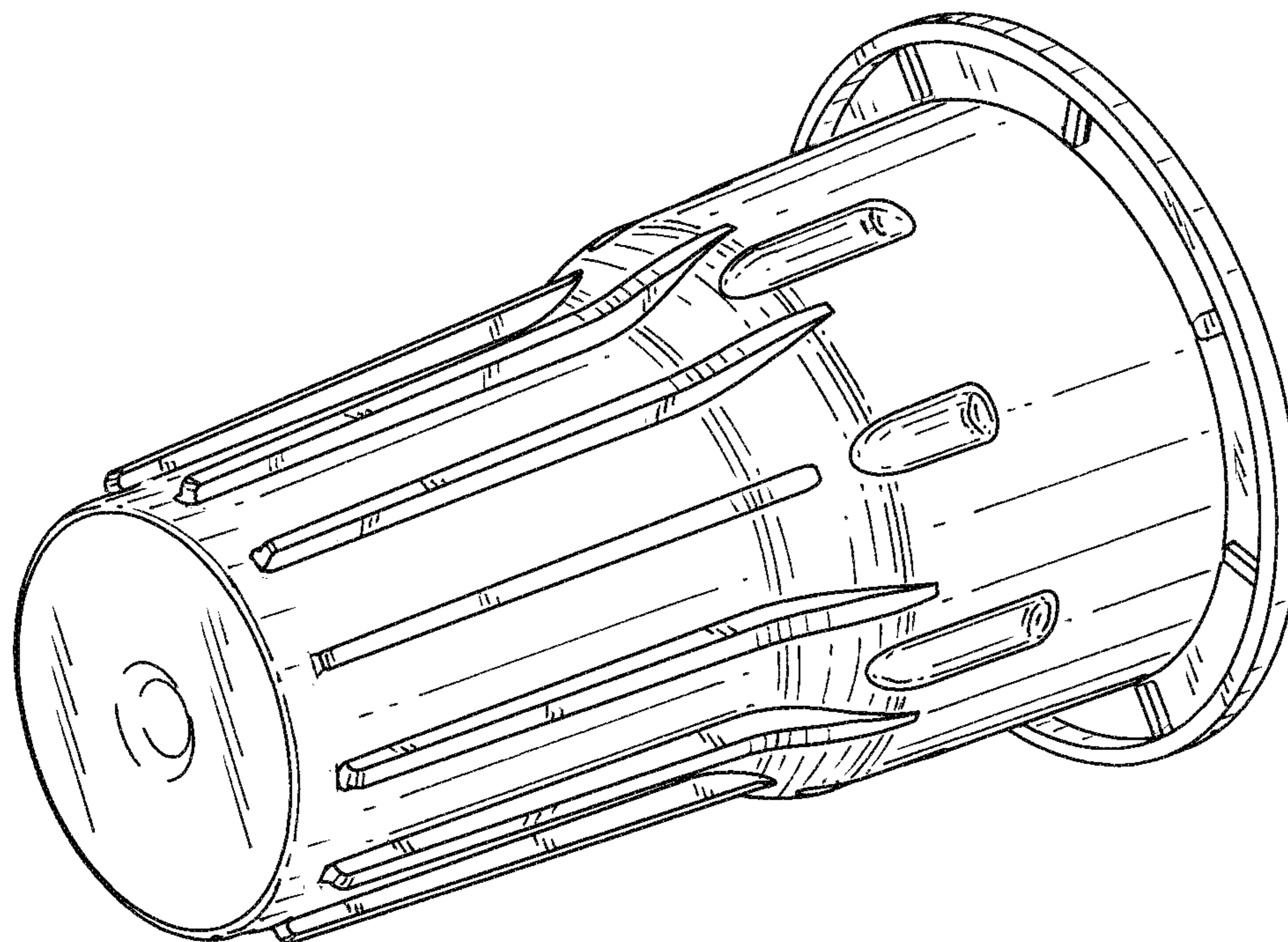


FIG. 1

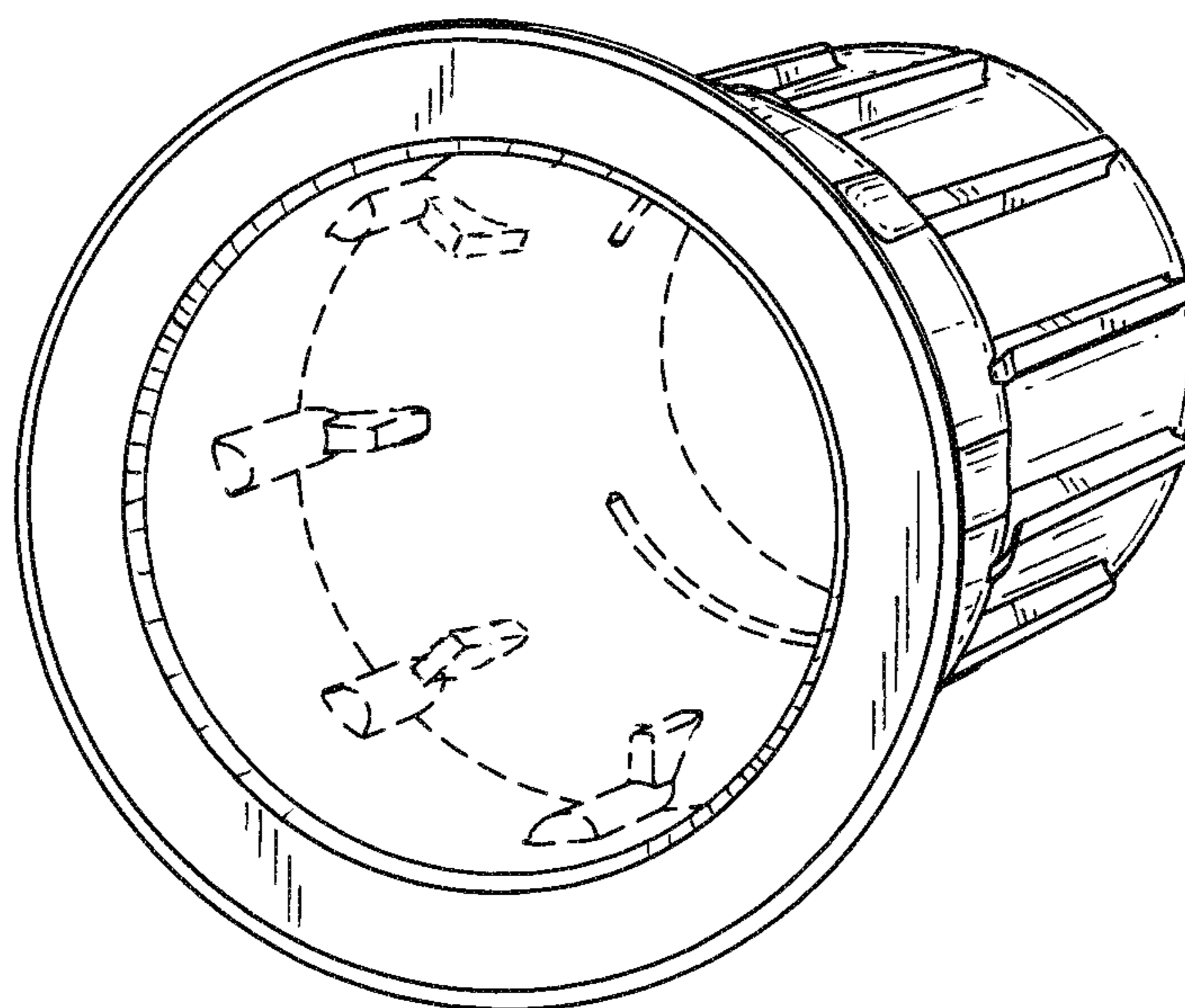


FIG. 2

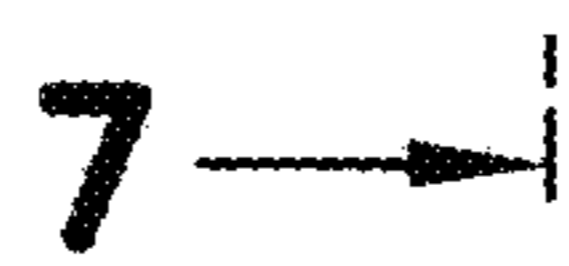
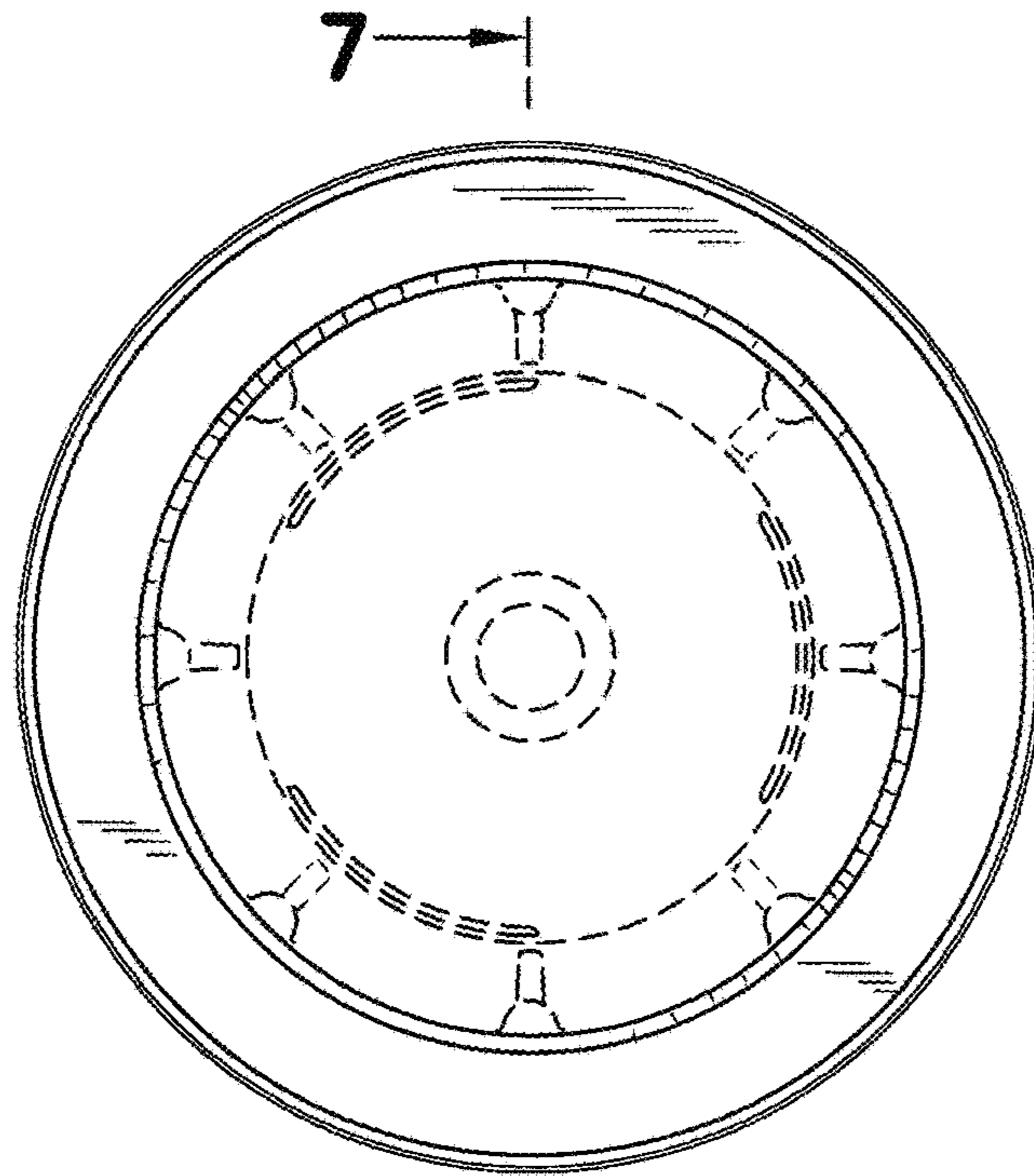


FIG.3

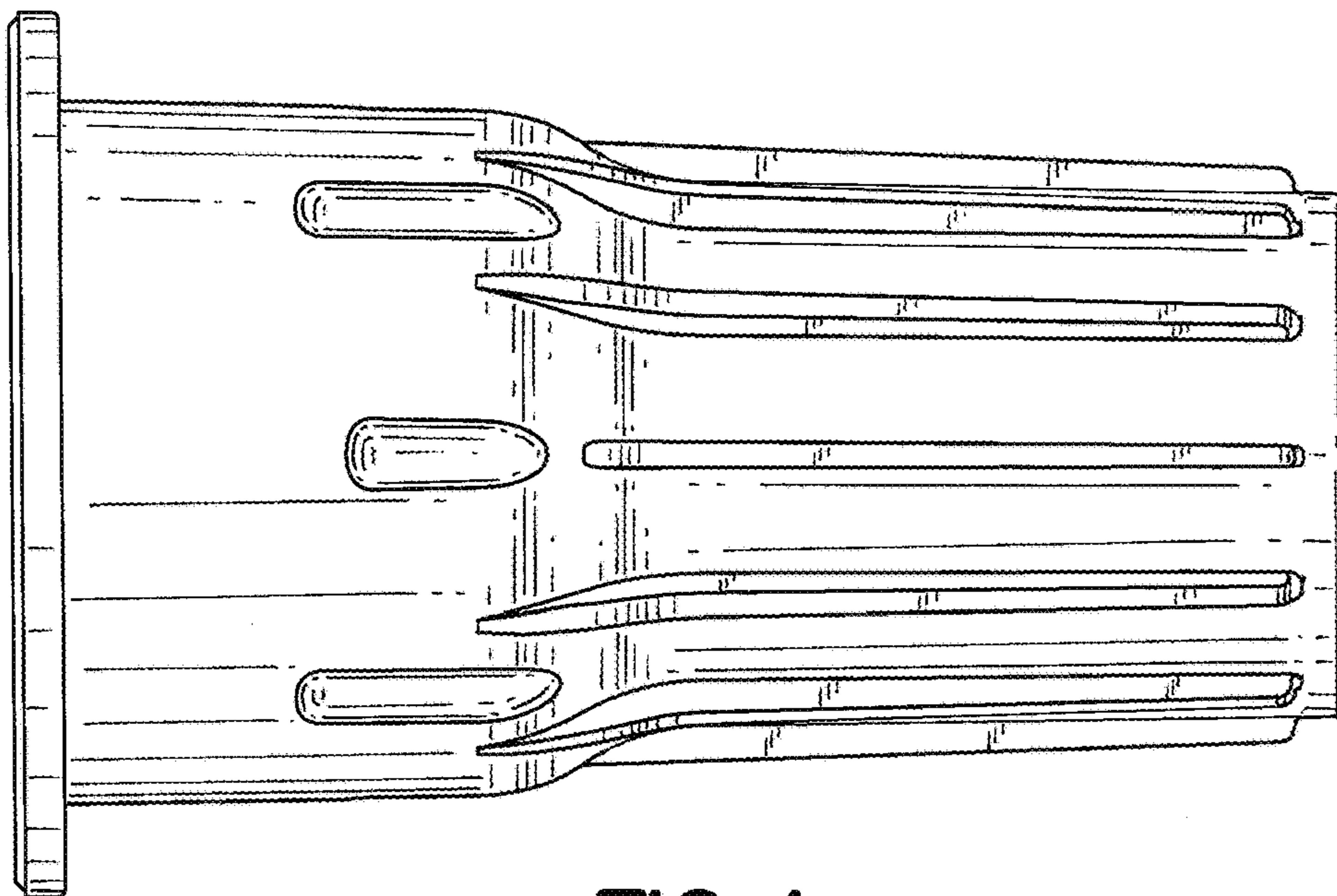


FIG.4

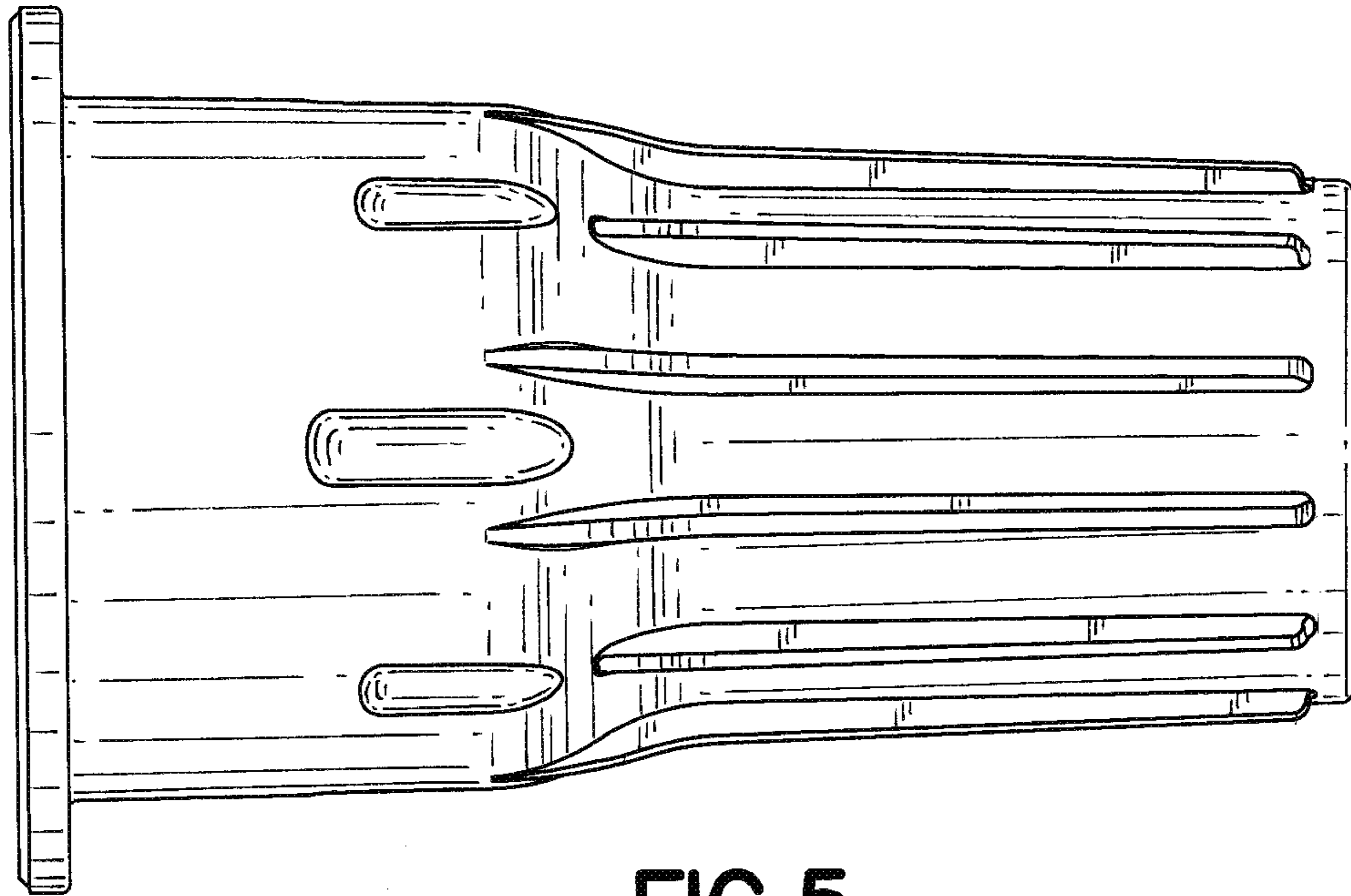


FIG. 5

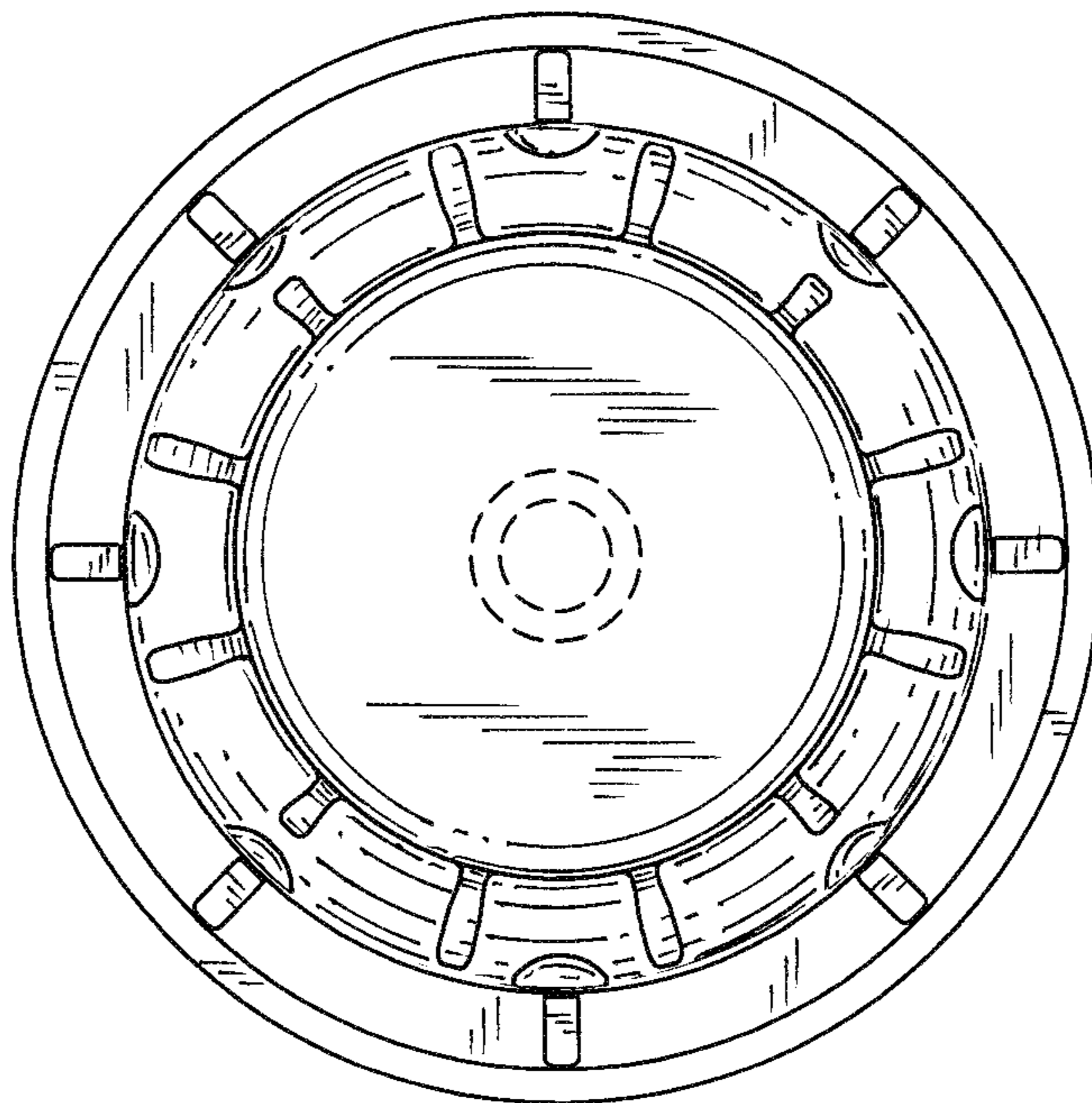


FIG. 6

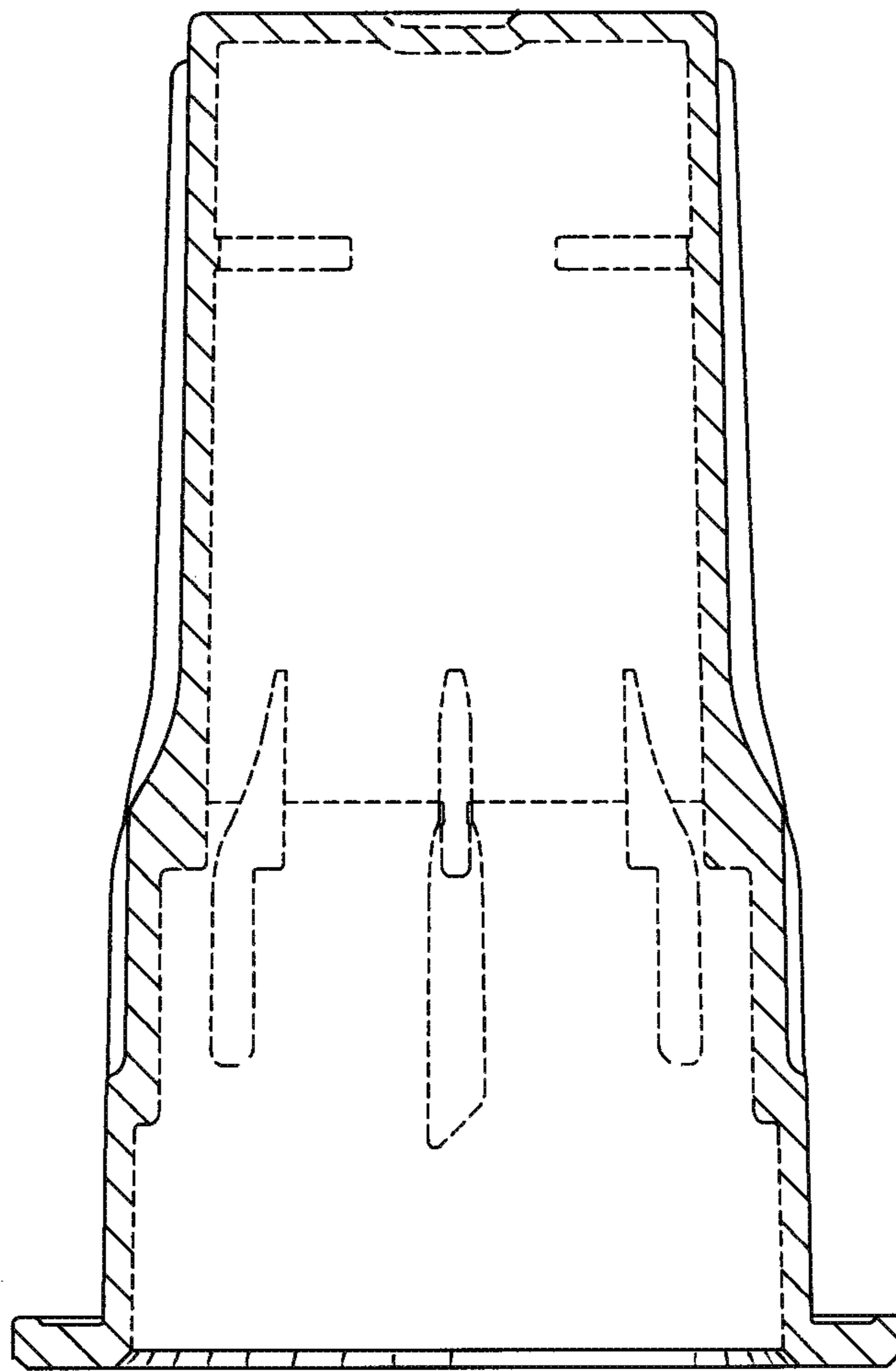


FIG. 7