



US00D938680S

(12) **United States Design Patent** (10) **Patent No.:** **US D938,680 S**
Tung et al. (45) **Date of Patent:** **** Dec. 14, 2021**

(54) **CLEANING TOOL** 3,322,262 A * 5/1967 Puente B65D 85/04
206/398
(71) Applicant: **Philip Morris Products S.A.,** 3,940,100 A * 2/1976 Haug A47B 3/00
Neuchatel (CH) 248/188.1
D265,600 S 7/1982 Ballereaud
(72) Inventors: **Jeffrey Tung**, San Francisco, CA (US); 4,469,235 A * 9/1984 Parker B65D 41/0485
Jenny Yoon Joo Lee, San Francisco, 215/295
CA (US) D277,825 S * 3/1985 Whatley D9/436
(Continued)

(73) Assignee: **Philip Morris Products S.A.,**
Neuchatel (CH)

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

(21) Appl. No.: **29/743,197**

(22) Filed: **Jul. 20, 2020**

Related U.S. Application Data

(62) Division of application No. 29/681,710, filed on Feb. 27, 2019.

(30) **Foreign Application Priority Data**

Aug. 31, 2018 (EM) 005625365-0001
Aug. 31, 2018 (EM) 005625365-0009
Aug. 31, 2018 (EM) 005625365-0013

(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/35**

(58) **Field of Classification Search**
USPC D32/35, 40-43, 45-49; D7/678; D8/90
CPC ... B62D 25/08; B60S 1/04; A47L 1/06; A47L
1/02; A24F 40/85
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D162,250 S 2/1951 Staggers et al.
3,090,067 A * 5/1963 Maxwell B65D 51/245
15/236.02

FOREIGN PATENT DOCUMENTS

CN 304362446 11/2017
CN 305843817 * 6/2020

OTHER PUBLICATIONS

IQOS Cleaner—Keep Your Tobacco Heating Device, onlyheated website revies 2020. <https://onlyheated.com/your/cleaning-tool/>, site visited Apr. 24, 2021.*

(Continued)

Primary Examiner — John R Yeh

(74) *Attorney, Agent, or Firm* — Oblon, McClelland, Maier & Neustadt, L.L.P.

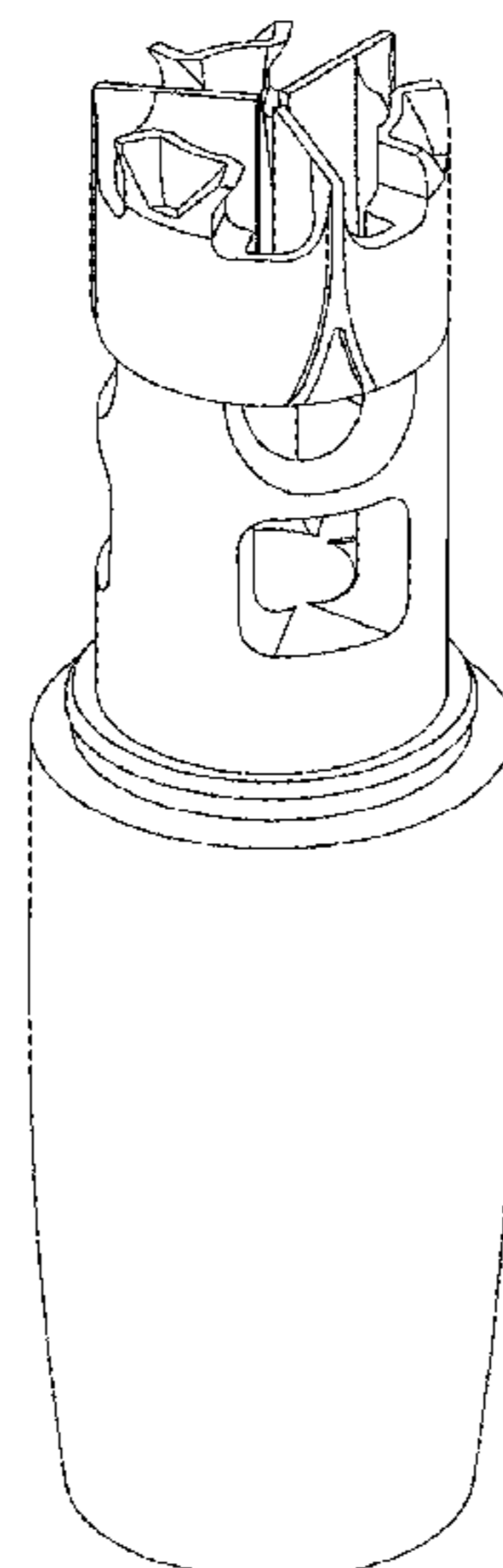
(57) **CLAIM**

The ornamental design for a cleaning tool, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, and right side perspective view of a cleaning tool;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereat; and,
FIG. 7 is a bottom plan view thereof.
The broken lines in FIG. 6 depict portions of the cleaning tool that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D279,037 S * 5/1985 Schuler D32/35
 D279,827 S 7/1985 Buchet
 D280,140 S 8/1985 Bakic
 D358,243 S * 5/1995 Ferguson D32/40
 D362,092 S 9/1995 Wasak
 D389,279 S 1/1998 Ryder
 D399,420 S 10/1998 Holliday et al.
 D416,357 S 11/1999 Gobe
 D419,266 S 1/2000 Gobe
 D448,121 S 9/2001 Gebb et al.
 6,394,270 B1 5/2002 Liu
 D468,060 S 12/2002 Orsomando
 D516,916 S 3/2006 Cornet et al.
 D539,984 S 4/2007 Egawa
 D568,566 S * 5/2008 Gabbour D32/40
 D623,355 S 9/2010 Lee et al.
 D641,841 S 7/2011 Houck
 D672,518 S * 12/2012 Facticeau D32/35
 9,004,793 B2 4/2015 Huang
 D735,001 S * 7/2015 DelGigante D8/14
 9,073,672 B2 * 7/2015 Laperriere B65D 41/56
 D814,130 S 3/2018 Taub

D817,569 S * 5/2018 Baker D32/25
 9,962,893 B2 * 5/2018 Worden B65D 1/12
 10,004,267 B2 6/2018 Liu
 10,201,188 B2 2/2019 Lin
 D842,567 S 3/2019 Koennecke
 D843,074 S 3/2019 Koennecke
 10,633,154 B2 * 4/2020 Worden B05B 13/02
 2004/0084343 A1 5/2004 An
 2004/0149737 A1 * 8/2004 Sharpe A24F 40/465
 219/635
 2004/0261804 A1 12/2004 Mitchell
 2013/0230347 A1 9/2013 Kim
 2017/0333651 A1 11/2017 Qiu
 2020/0154768 A1 * 5/2020 Han A24F 40/20
 2021/0000187 A1 * 1/2021 Bernhard A24F 9/06
 2021/0169149 A1 * 6/2021 Riehlman B08B 7/0071

OTHER PUBLICATIONS

Phillip Morris IQOS Review: A Heat-Not-Burn Starter Kit I Vapor
 Vanity website 2020, <https://www.vaporvanity.com/phillip-morris-iqos-review/>, site visited Feb. 29, 2020.

* cited by examiner

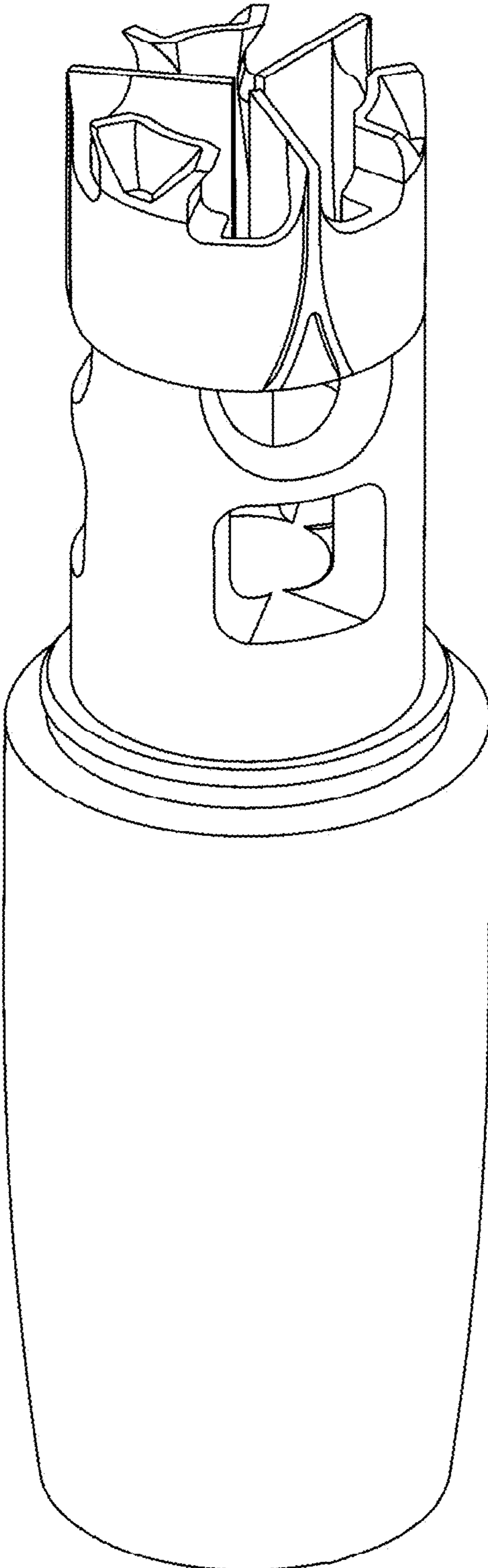


FIG. 1

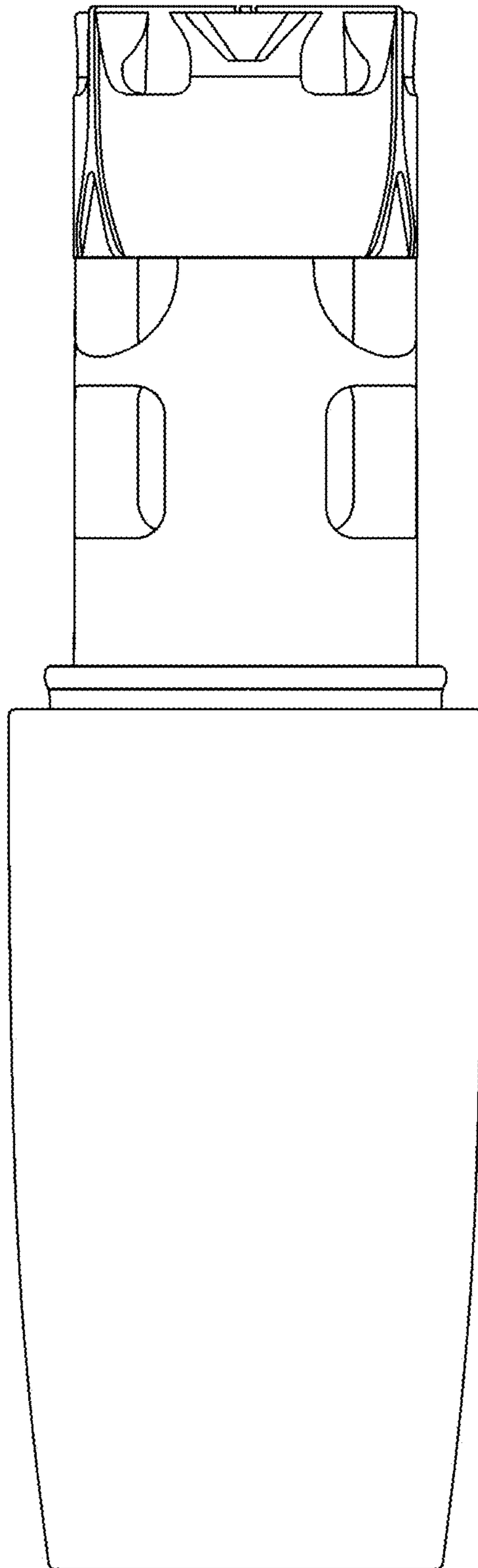


FIG. 2

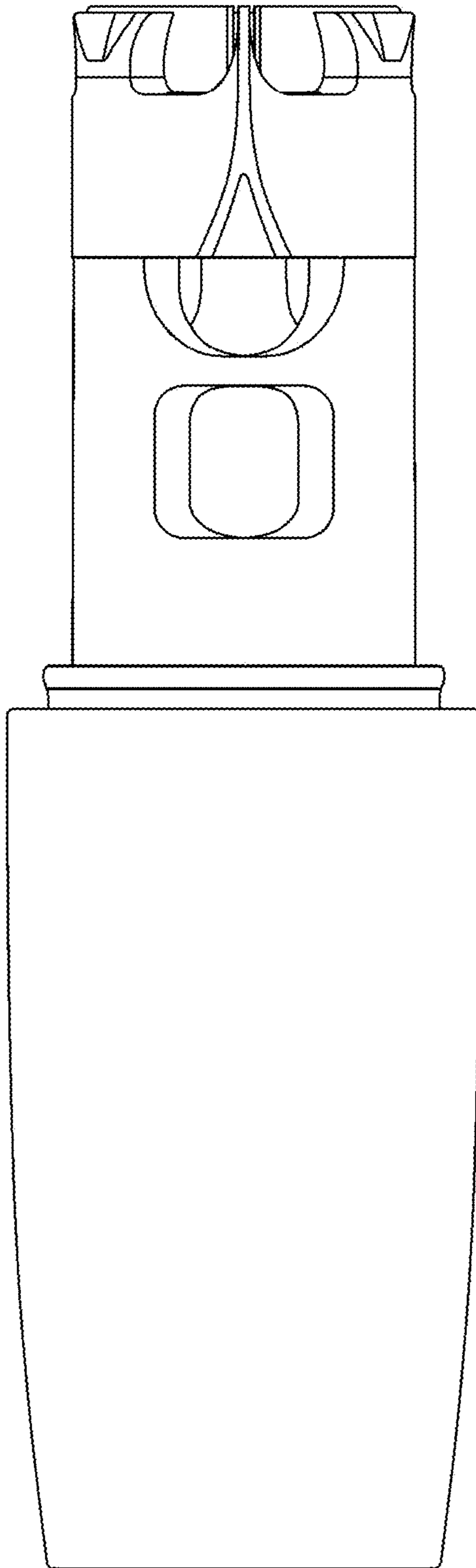


FIG. 3

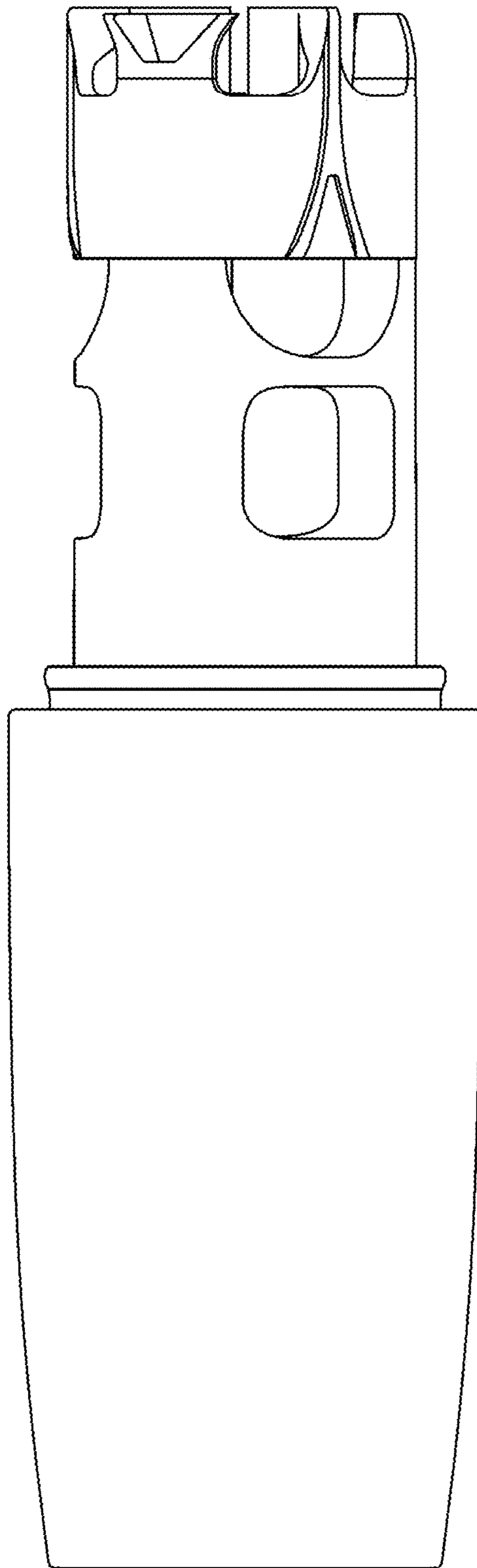


FIG. 4

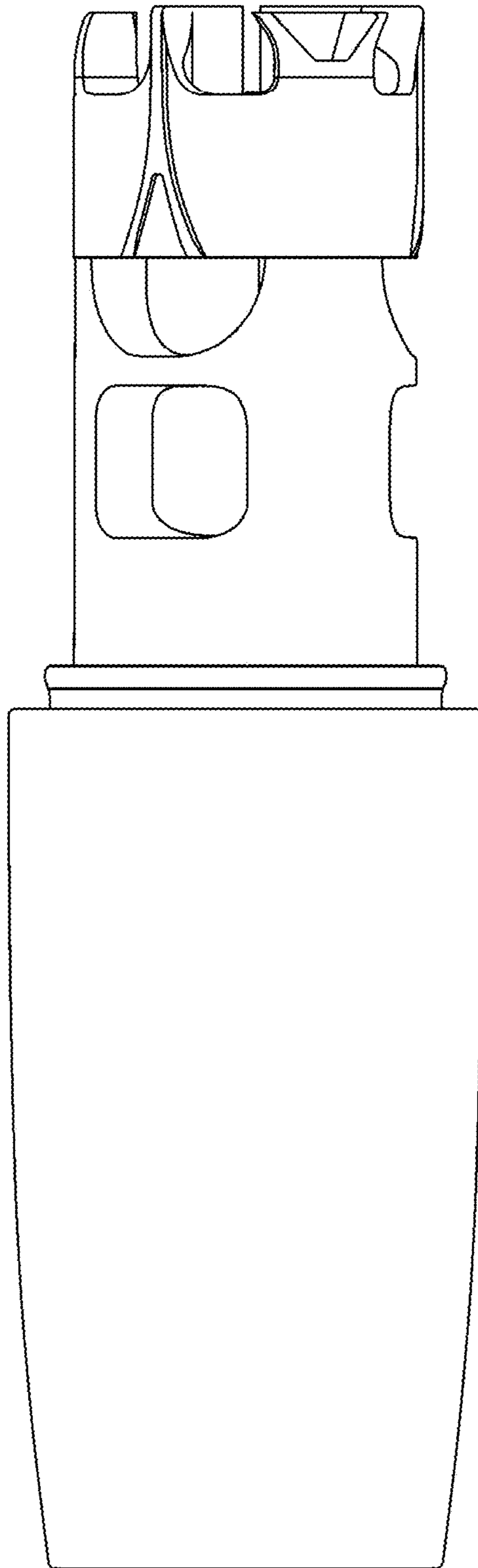


FIG. 5

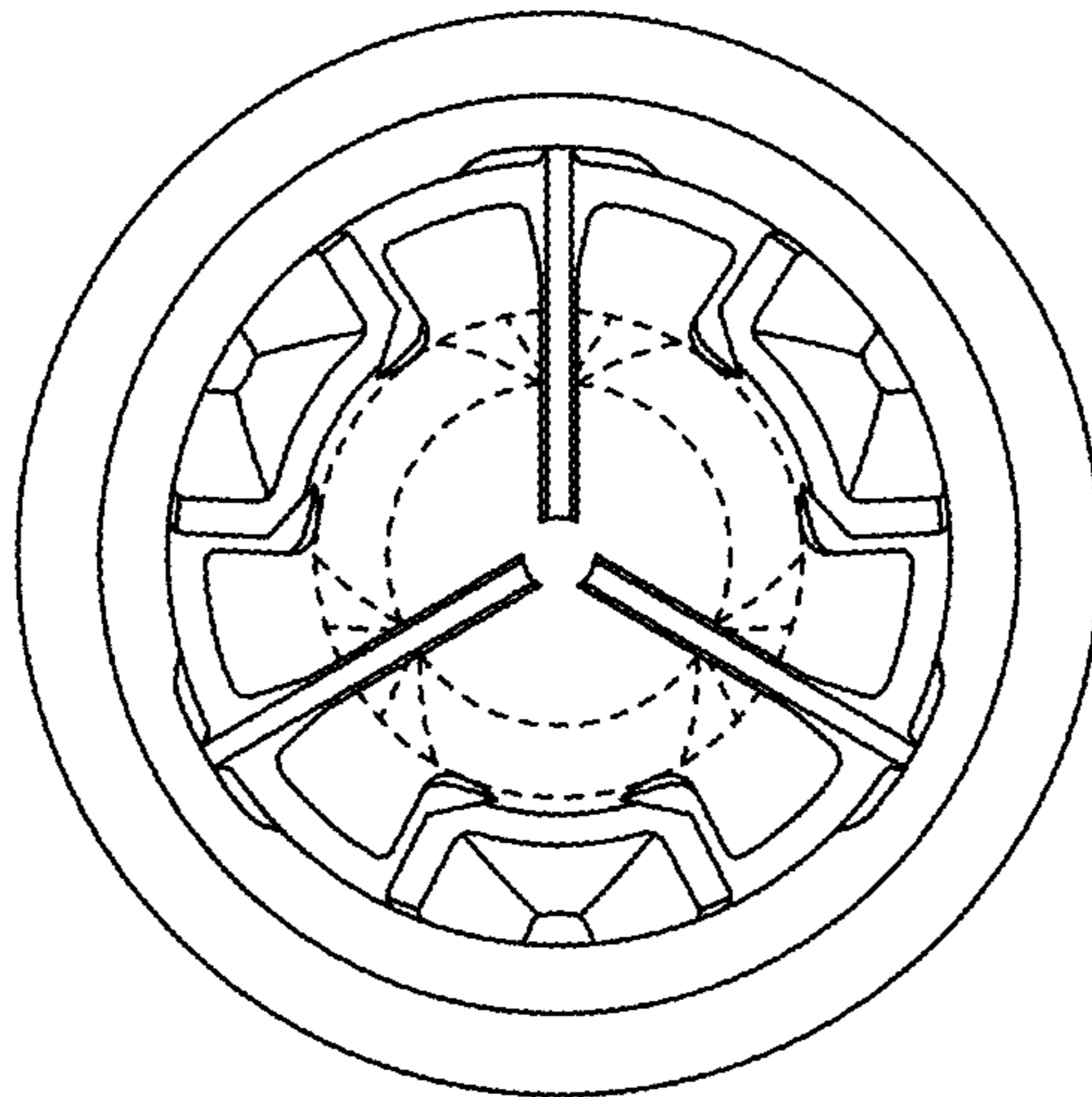


FIG. 6

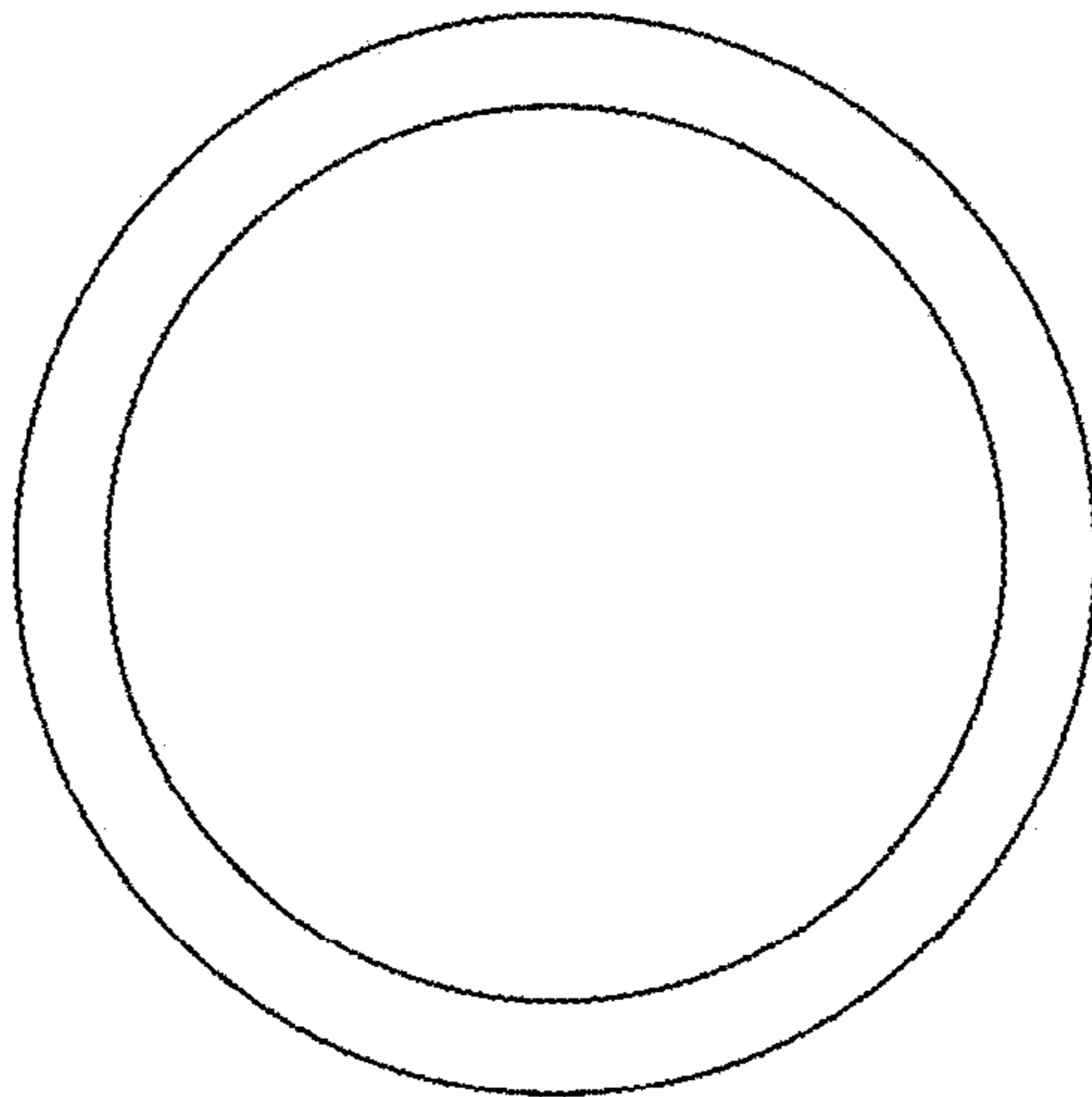


FIG. 7