



US00D737056S

(12) **United States Design Patent**
Vasilakes

(10) **Patent No.:** **US D737,056 S**
(45) **Date of Patent:** **** Aug. 25, 2015**

(54) **BROOM HEAD**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

DE 198 34 892 A1 2/2000
FR 2898785 A1 * 9/2007 A46B 5/0058
WO WO 2005/018377 A1 3/2005

(72) Inventor: **Lloyd S. Vasilakes**, Stillwater, MN (US)

OTHER PUBLICATIONS

(73) Assignee: **3M INNOVATIVE PROPERTIES COMPANY**, St. Paul, MN (US)

CN 300940232 Registered Design, (Commodity Co. Ltd.) Jun. 17, 2009, [online], [retrieved on Dec. 15, 2014] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: http://www.orbit.com>.*

(**) Term: **14 Years**

(Continued)

(21) Appl. No.: **29/440,572**

(22) Filed: **Dec. 21, 2012**

Primary Examiner — Melanie H Tung

Assistant Examiner — Lavone D Tabor

(51) **LOC (10) Cl.** **04-01**

(74) *Attorney, Agent, or Firm* — Irina Hass

(52) **U.S. Cl.**
USPC **D4/135**

(58) **Field of Classification Search**
USPC D4/130, 132, 135; 15/159.1, 160, 168, 15/171, 175, 176.1, 191.1-193
CPC A46B 3/00; A46B 3/02; A46B 5/0095; A46B 15/00; A46B 9/00; A46B 9/02; A46B 2200/302; A46B 2200/3026; A46B 2200/3046; A46B 2200/308
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a broom head, as shown and described.

DESCRIPTION

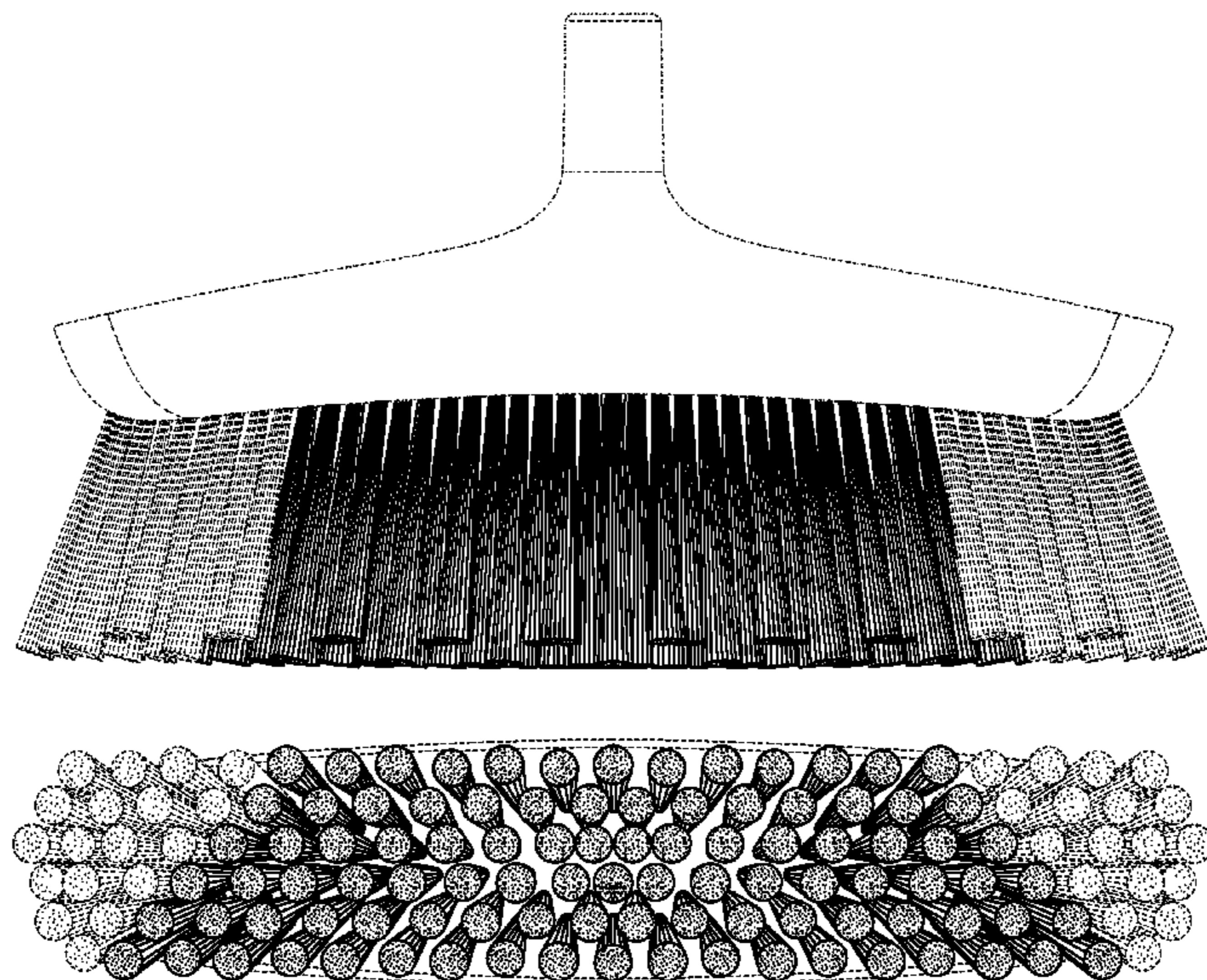
FIG. 1 is a perspective view of the new design for a broom head;
FIG. 2 is a right side view thereof, the left side view being a mirror image thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a reduced perspective view thereof showing the broom head with a long handle.
The portions of the broom head shown in broken lines in the figures along with the environmental broken line showing of a handle in FIG. 7 form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,668,850 A	6/1972	Horkey	
4,483,036 A *	11/1984	Sayklay	15/160
D392,103 S	3/1998	Zaccheria	
D407,901 S	4/1999	Burton	
D414,343 S	9/1999	Isaacson	
D428,706 S	8/2000	Thunderchild	
D433,571 S	11/2000	Ancona et al.	
D433,819 S	11/2000	Thunderchild	
D446,654 S	8/2001	Berni	
D570,604 S	6/2008	Edwards	
D674,197 S *	1/2013	Kassem Llano et al.	D4/199
8,893,344 B2 *	11/2014	Boucherie	15/171

1 Claim, 5 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

DE 40704126-0004 Registered Design, (Husqvarna AB) Feb. 22, 2008, [online], [retrieved on Dec. 15, 2014]. Retrieved from the Designs Register of the German Patent and Trade Mark Office using the Internet: <URL: <http://register.dmpa.de>>.*

DE 402008004172-0002 Registered Design, (MTD Products Inc.) Oct. 17, 2008, [online], [retrieved on Dec. 2, 2014]. Retrieved from the Designs Register of the German Patent and Trade Mark Office using the Internet: <URL: <http://register.dmpa.de>>.*

DE 402010006756-0005 Registered Design, (Gerhard Haas KG) Aug. 25, 2005, [online], [retrieved on Dec. 2, 2014]. Retrieved from

the Designs Register of the German Patent and Trade Mark Office using the Internet: <URL: <http://register.dmpa.de>>.*

GB 3024555 Registered Design, (Charles Bentley & Son Ltd.) Jul. 20, 2006, [online], [retrieved on Dec. 15, 2014] Retrieved from the Design Database of the Intellectual Property Office of the United Kingdom using the Internet: <URL: <http://www.ipo.gov.uk>>.*

WO D037111-002 Registered Design, (Curver B.V.) Sep. 30, 1996, [online], [retrieved on Jul. 26, 2014] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: <http://www.orbit.com>>.*

* cited by examiner

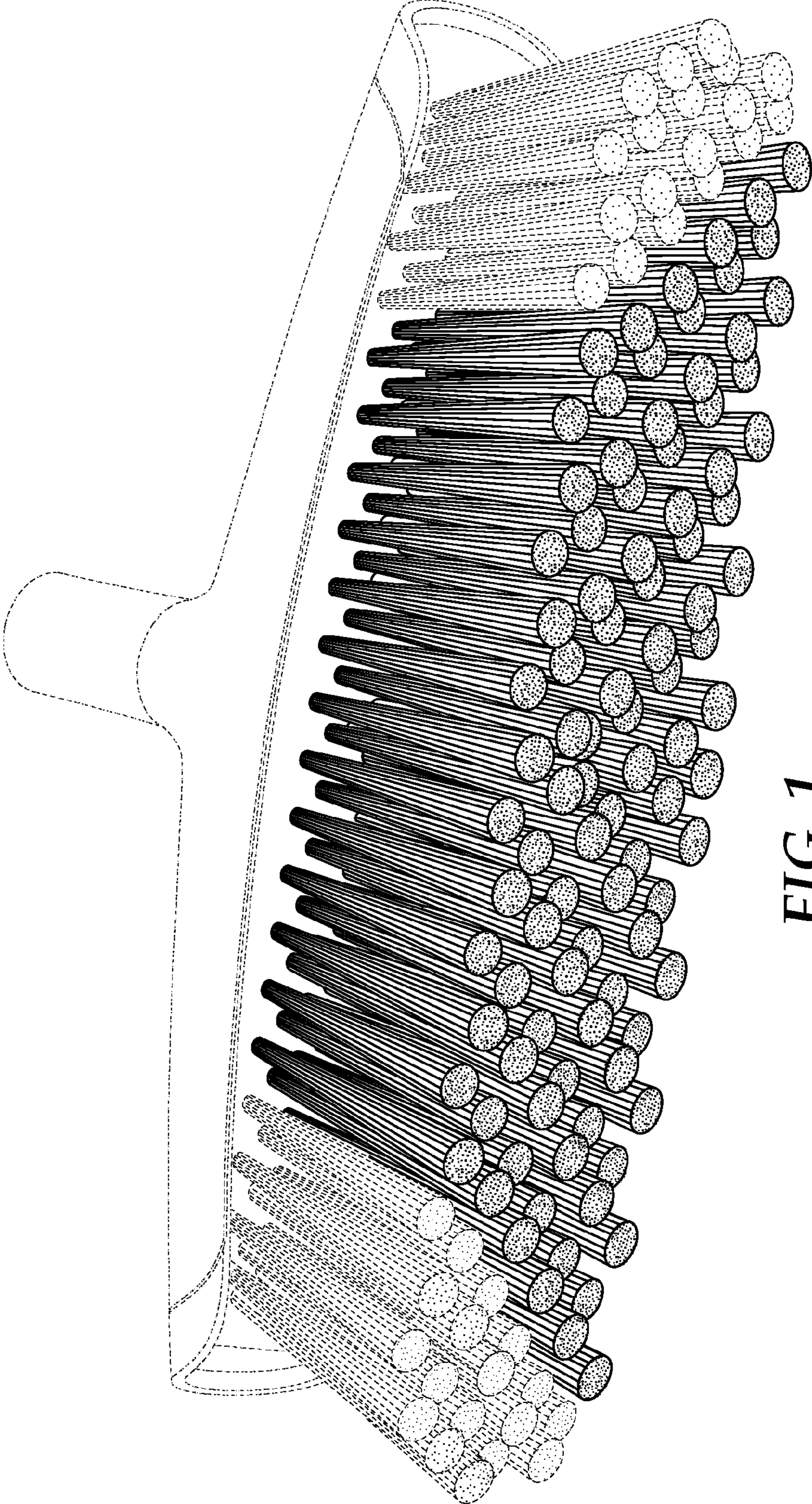


FIG. 1

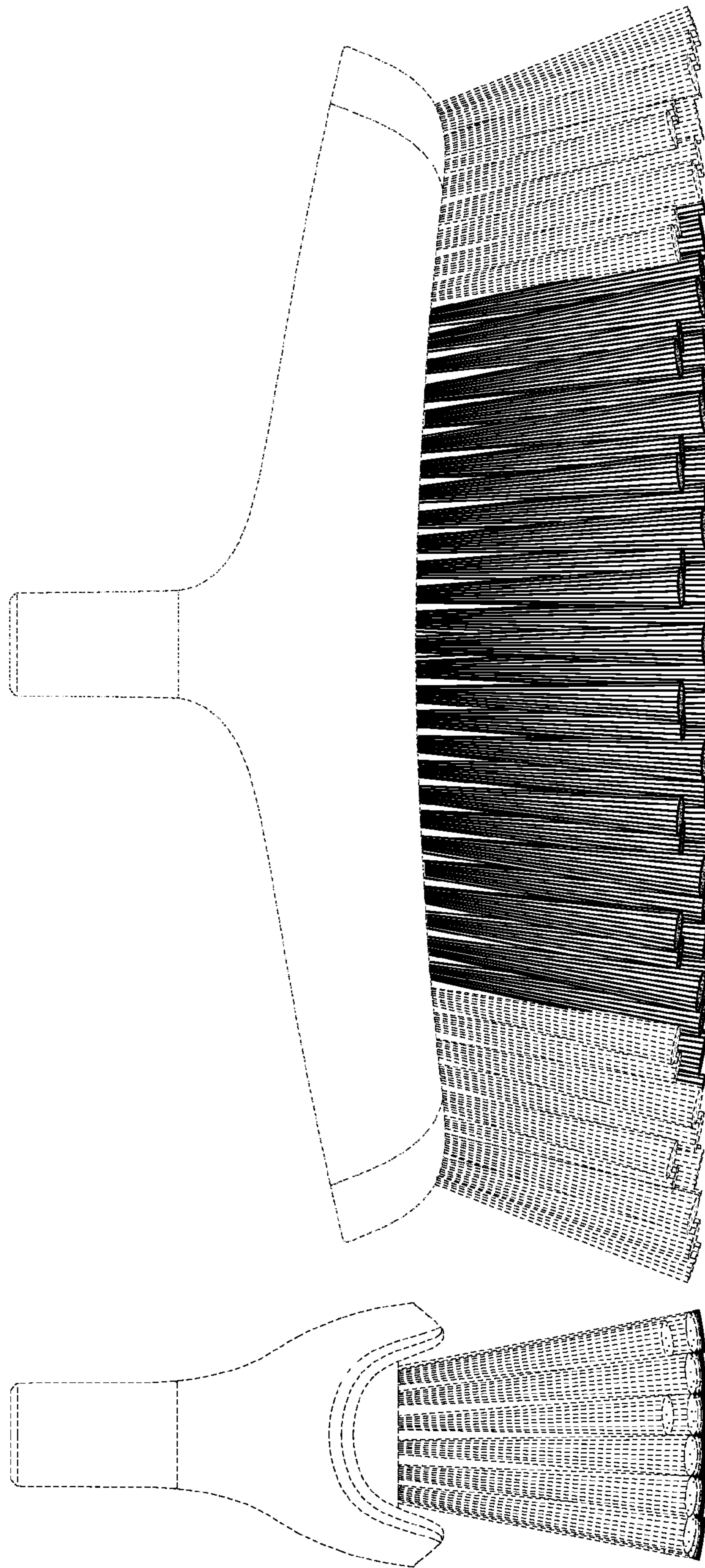


FIG. 3

FIG. 2

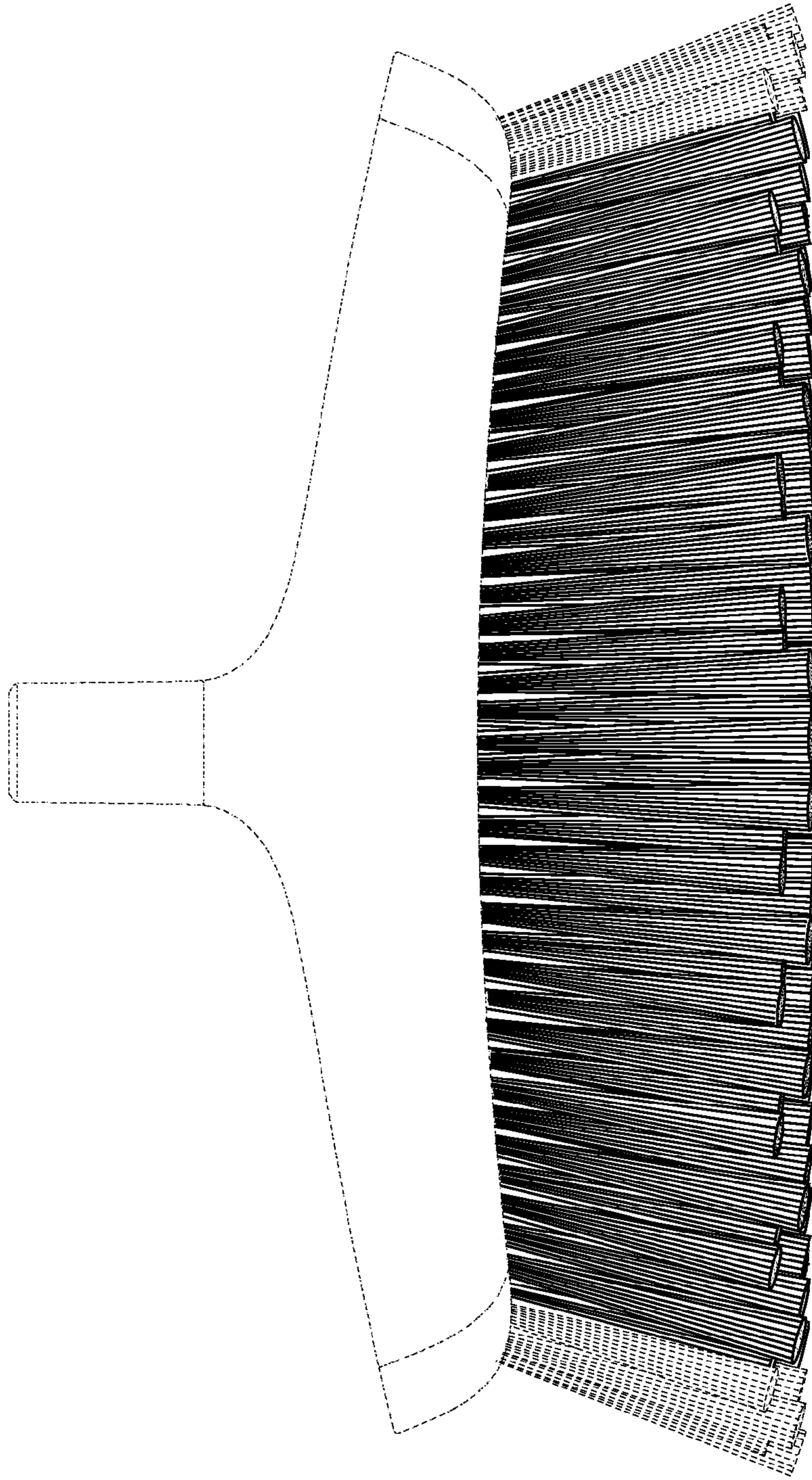


FIG. 4

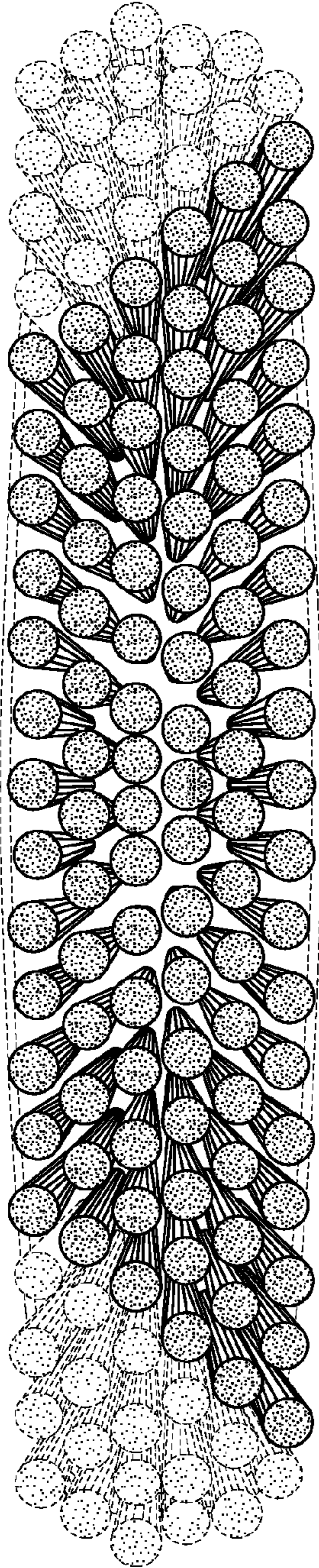


FIG. 5

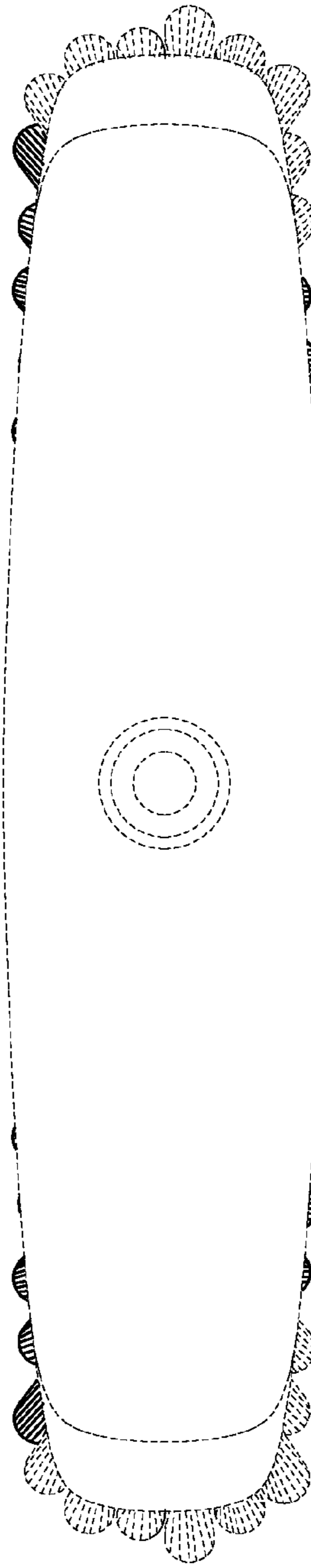


FIG. 6

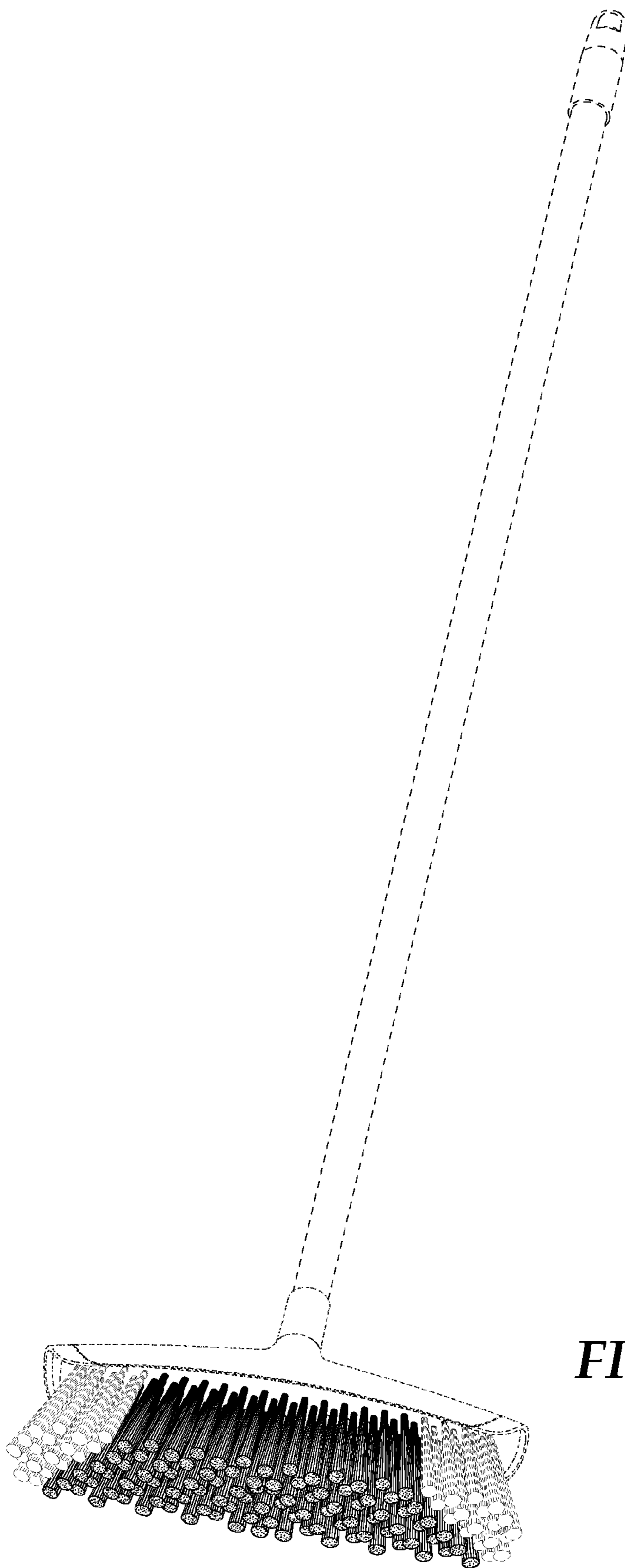


FIG. 7