



US00D670504S

(12) **United States Design Patent**
Watanabe et al.

(10) **Patent No.:** **US D670,504 S**
(45) **Date of Patent:** **** Nov. 13, 2012**

(54) **TOOTHBRUSH**

(75) Inventors: **Takayuki Watanabe**, Nishigo-mura (JP); **Janette Suh Edelstein**, Belle Mead, NJ (US); **Robert W. Fusi, II**, Flemington, NJ (US); **Josef V. Knutzen**, Yardley, PA (US); **Emilson Ismael Netto**, São Paulo (BR); **Karin Taylor**, New York, NY (US)

(73) Assignees: **McNeil-PPC, Inc.**, Skillman, NJ (US); **Johnson & Johnson Do Brasil Ind. Com. Prod. Para Saude Ltda.** (BR); **Johnson & Johnson KK** (JP)

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

(21) Appl. No.: **29/416,251**

(22) Filed: **Mar. 20, 2012**

Related U.S. Application Data

(62) Division of application No. 29/337,643, filed on May 27, 2009, now Pat. No. Des. 658,884.

(51) **LOC (9) Cl.** **04-02**

(52) **U.S. Cl.** **D4/104; D4/108**

(58) **Field of Classification Search** D4/104-112, D4/134, 138; 15/110, 167.1, 167.2, 143.1, 15/188; 16/430; 132/308-311; 601/139, 601/141; D28/46, 48; 606/161

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

18,653 A 11/1857 Wadsworth
(Continued)

FOREIGN PATENT DOCUMENTS

KR 157802 S * 12/1994
(Continued)

OTHER PUBLICATIONS

CN 300707065 Registered Design Application, (You Song) Nov. 14, 2007, [online], [retrieved on May 18, 2012] Retrieved from the Questel Intellectual Property Portal Design Database using the Internet: <URL: http://www.orbit.com>.*

(Continued)

Primary Examiner — Melanie H Tung
Assistant Examiner — Lavone D Tabor

(74) *Attorney, Agent, or Firm* — Karen G. Horowitz

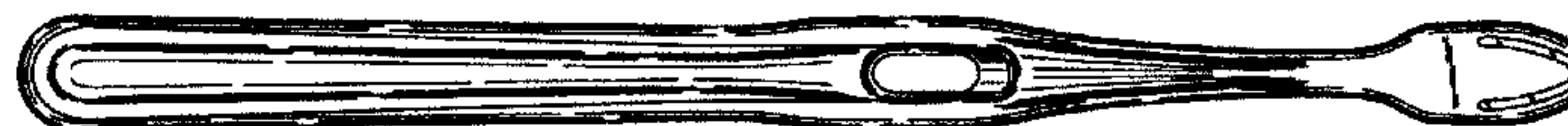
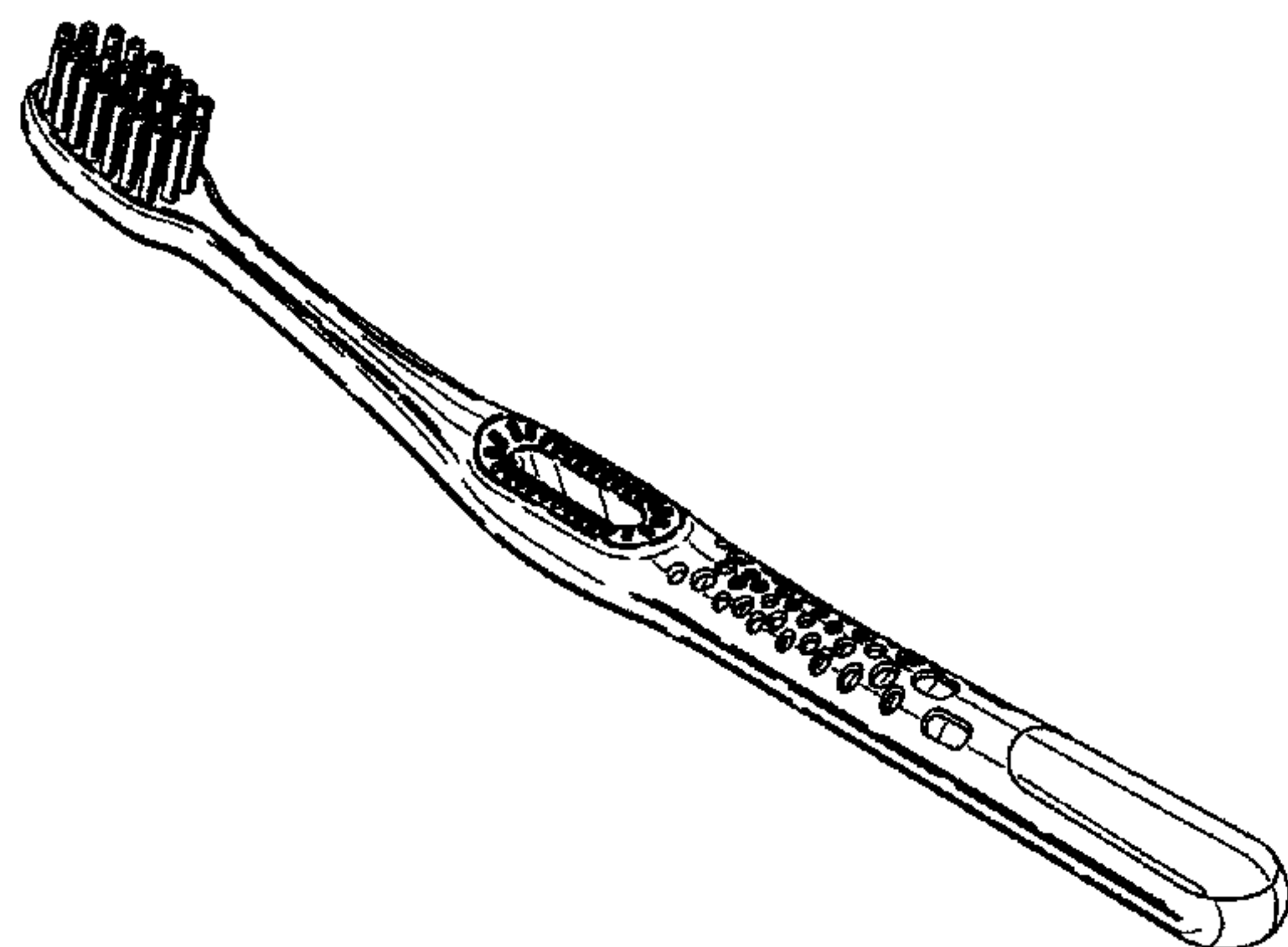
(57) **CLAIM**

We claim the ornamental design for a toothbrush, as shown and described.

DESCRIPTION

FIG. 1 is a bottom end, front, left side perspective view of a toothbrush showing our new design;
FIG. 2 is a left side elevational view thereof;
FIG. 3 is a top end elevational view thereof;
FIG. 4 is a bottom end elevational view thereof;
FIG. 5 is a back elevational view thereof;
FIG. 6 is a front elevational view thereof;
FIG. 7 is a bottom end, front, left side perspective view of a second embodiment of a toothbrush showing our new design;
FIG. 8 is a left side elevational view of the toothbrush of FIG. 7;
FIG. 9 is a top end elevational view of the toothbrush of FIG. 7;
FIG. 10 is a bottom end elevational view of the toothbrush of FIG. 7;
FIG. 11 is a back elevational view of the toothbrush of FIG. 7;
FIG. 12 is a front elevational view of the toothbrush of FIG. 7;
FIG. 13 is a bottom end, front, left side perspective view of a third embodiment of a toothbrush showing our new design;
FIG. 14 is a left side elevational view of the toothbrush of FIG. 13;
FIG. 15 is a top end elevational view of the toothbrush of FIG. 13;
FIG. 16 is a bottom end elevational view of the toothbrush of FIG. 13;
FIG. 17 is a back elevational view of the toothbrush of FIG. 13; and,
FIG. 18 is a front elevational view of the toothbrush of FIG. 13.

1 Claim, 12 Drawing Sheets



US D670,504 S

Page 2

U.S. PATENT DOCUMENTS							
74,560	A	2/1868	Maury	D446,393	S	8/2001	Manfredi et al.
140,429	A	7/1873	O'Donoghue	D447,238	S	8/2001	Tang
360,298	A	3/1887	Hewitt	D451,284	S	12/2001	Moskovich et al.
560,663	A	5/1896	Wallas	D453,998	S	3/2002	Ping
760,047	A	5/1904	Wilson	D458,453	S	6/2002	Bartschi
800,422	A	9/1905	White	D459,082	S	6/2002	Oriani et al.
860,840	A	7/1907	Strassburger	D459,083	S	6/2002	De Godoy Oriani et al.
914,501	A	3/1909	McEachern	6,405,401	B1	6/2002	Hellerud et al.
1,048,740	A	12/1912	Sarrazin	D462,526	S	9/2002	Bartschi
1,063,523	A	6/1913	Farrar	D463,129	S	9/2002	Achepohl et al.
1,132,326	A	3/1915	Fouyer	6,496,999	B1	12/2002	Gleason et al.
1,222,377	A	4/1917	Flint	D468,104	S	1/2003	De Godoy Oriani et al.
1,248,675	A	12/1917	Kowinsky	D469,611	S	2/2003	De Godoy Oriani et al.
1,369,966	A	3/1921	Cosens et al.	D471,362	S	3/2003	Moskovich et al.
D58,445	S	7/1921	Marcellus	D474,029	S	5/2003	Jimenez
1,458,074	A	6/1923	Pikoos	D476,158	S	6/2003	Ling
1,482,027	A	1/1924	Ochse	D478,215	S	8/2003	Xi
1,619,946	A	3/1927	Magee	D480,214	S	10/2003	Kling et al.
1,679,785	A	8/1928	Quinn	6,643,886	B2	11/2003	Moskovich et al.
1,680,558	A	8/1928	Loiselle	D483,950	S	12/2003	De Godoy Oriani et al.
1,705,542	A	3/1929	Ryser	D485,989	S	2/2004	Winkler et al.
1,739,324	A	12/1929	Neissl	6,687,940	B1	2/2004	Gross et al.
1,901,646	A	3/1933	Hicks	D487,350	S	3/2004	De Godoy Oriani et al.
D93,043	S	8/1934	Parkhurst et al.	D495,146	S	8/2004	Berti
D99,352	S	4/1936	Grapp	D501,084	S	1/2005	Schaefer et al.
2,111,876	A	3/1938	Swenson	D501,320	S	2/2005	DeSalvo
D118,318	S	12/1939	Fortunati	D503,538	S	4/2005	Desalvo
D122,388	S	9/1940	Cohen	6,883,200	B1	4/2005	Euler
D136,042	S	7/1943	Veo	6,895,629	B1	5/2005	Wenzler
2,517,806	A	8/1950	Streiler	D507,114	S	7/2005	Seifert et al.
2,650,383	A	9/1953	Bressler	RE39,185	E	7/2006	Noe et al.
D187,976	S	5/1960	Farber	7,073,225	B1	7/2006	Ford
3,378,870	A	4/1968	Matsunaga	D530,923	S	10/2006	Kling et al.
3,792,504	A	2/1974	Smith	D531,809	S	11/2006	Li
4,033,008	A	7/1977	Warren et al.	7,134,162	B2	11/2006	Kweon et al.
D272,688	S	2/1984	Stocchi	D532,975	S	12/2006	Lonngren
D272,689	S	2/1984	Stocchi	D533,350	S	12/2006	Xi
D272,690	S	2/1984	Stocchi	7,168,125	B2	1/2007	Hohlbein
D273,635	S	5/1984	Stocchi	D536,527	S	2/2007	Geiberger
D277,321	S	* 1/1985	Gant D28/46	D541,534	S	5/2007	Leung
D287,072	S	12/1986	Pfleger	7,213,288	B2	5/2007	Hohlbein
D288,148	S	2/1987	Malgrain	D543,702	S	6/2007	Geiberger et al.
D288,628	S	3/1987	Farrand	7,228,583	B2	6/2007	Chan et al.
D315,060	S	* 3/1991	Purushothaman D4/104	D548,974	S	8/2007	Berde et al.
D324,775	S	3/1992	Kreisher et al.	D549,462	S	8/2007	Blanchard et al.
5,105,499	A	4/1992	Dirksing	7,297,303	B2	11/2007	Kraemer
5,146,645	A	9/1992	Dirksing	D560,363	S	1/2008	Georgi
D335,393	S	5/1993	Pakarnseree	7,322,067	B2	1/2008	Hohlbein
5,305,489	A	4/1994	Lage	D562,008	S	2/2008	Liu
5,392,483	A	2/1995	Heinzelman et al.	D562,516	S	2/2008	Talesfore et al.
5,419,001	A	5/1995	Wan	D562,560	S	2/2008	Hohlbein
D360,076	S	7/1995	Schneider	7,334,286	B2	2/2008	Kayser
5,511,275	A	4/1996	Volpenhein et al.	D565,843	S	4/2008	Mackintosh
D375,206	S	11/1996	Halm	D566,401	S	4/2008	Crossman
D377,715	S	2/1997	Baldwin	D567,945	S	4/2008	Foster et al.
D380,302	S	7/1997	Volpenhein	7,354,112	B2	4/2008	Fischer et al.
5,655,249	A	8/1997	Li	D571,470	S	6/2008	Jansheski
5,678,274	A	10/1997	Liu	7,383,619	B2	6/2008	Gross et al.
D391,083	S	2/1998	Nicoll	D575,064	S	8/2008	Wong
5,797,158	A	8/1998	Hoshizaki et al.	D576,797	S	9/2008	Moskovich
D400,713	S	11/1998	Solanki	D576,798	S	9/2008	Moskovich
D402,112	S	12/1998	Moskovich	D577,493	S	9/2008	Wong
D403,509	S	1/1999	Vonarburg	D577,495	S	9/2008	Borovicka et al.
D405,272	S	2/1999	Khalaj et al.	7,418,759	B2	9/2008	Huber et al.
5,898,967	A	5/1999	Wu et al.	7,419,225	B2	9/2008	Fischer et al.
5,926,897	A	7/1999	Volpenhein	D578,768	S	10/2008	Geiberger
5,926,900	A	* 7/1999	Bennett 15/167.1	D579,207	S	10/2008	Jamson
D414,607	S	10/1999	Trojanowski et al.	D579,211	S	10/2008	Libman et al.
D414,608	S	10/1999	Trojanowski et al.	D579,667	S	11/2008	Jamson
D414,938	S	10/1999	Von Stein	D581,163	S	11/2008	Choi
D416,685	S	* 11/1999	Overthun D4/104	D581,164	S	11/2008	Moskovich
5,987,688	A	11/1999	Roberts et al.	D581,165	S	11/2008	Moskovich
D417,960	S	12/1999	Moskovich et al.	D581,166	S	11/2008	Moskovich
6,065,176	A	5/2000	Watanabe et al.	D581,167	S	11/2008	Moskovich
6,108,850	A	8/2000	McLaughlin	D582,162	S	12/2008	Moskovich
6,119,296	A	9/2000	Noe et al.	D582,163	S	12/2008	Moskovich
D433,234	S	11/2000	Strahler	D582,681	S	12/2008	Geiberger et al.
6,151,745	A	11/2000	Roberts et al.	D582,682	S	12/2008	Kling et al.
				7,458,125	B2	12/2008	Hohlbein et al.

US D670,504 S

Page 3

D585,198 S	1/2009	Moskovich	2008/0181716 A1	7/2008	Gatzemeyer et al.
7,480,955 B2	1/2009	Hohlbein et al.	2008/0184511 A1	8/2008	Brown et al.
D587,905 S	3/2009	Wong	2008/0189888 A1	8/2008	Hohlbein
D589,260 S	3/2009	Hohlbein	2008/0189889 A1	8/2008	Goldstein
7,503,093 B2	3/2009	Weihrauch	2008/0201884 A1	8/2008	Vazquez et al.
D623,413 S *	9/2010	Blanchard et al. D4/104	2008/0201885 A1	8/2008	Moskovich
2001/0042280 A1	11/2001	Moskovich et al.	2008/0209649 A1	9/2008	Herzog
2003/0115699 A1	6/2003	Wagstaff	2008/0238182 A1	10/2008	Fischer et al.
2003/0135943 A1	7/2003	Meyer et al.	2008/0271276 A1	11/2008	Garberg et al.
2003/0221272 A1	12/2003	Lehman	2008/0307596 A1	12/2008	Hohlbein
2004/0083569 A1	5/2004	Kweon et al.	2008/0311282 A1	12/2008	Hammon
2004/0087882 A1	5/2004	Roberts et al.	2009/0013484 A1	1/2009	Roberts et al.
2004/0117934 A1	6/2004	Pfenniger et al.	2009/0013488 A1	1/2009	Sakurai et al.
2004/0134007 A1	7/2004	Davies	2009/0013489 A1	1/2009	Binet et al.
2004/0194238 A1	10/2004	Letendre	2009/0038091 A1	2/2009	Denney et al.
2005/0000049 A1	1/2005	Hohlbein	2009/0038097 A1	2/2009	Geiberger
2005/0086753 A1	4/2005	Roberts et al.	2009/0049632 A1	2/2009	Holowecky
2005/0102783 A1	5/2005	Hohlbein	2009/0064435 A1	3/2009	Fukugaki et al.
2005/0166341 A1	8/2005	Solanki			
2005/0166344 A1	8/2005	Hohlbein et al.			
2005/0210612 A1	9/2005	Hohlbein et al.			
2005/0210613 A1	9/2005	Wagstaff			
2006/0010628 A1	1/2006	Moskovich			
2006/0037161 A1	2/2006	Okada et al.			
2006/0048322 A1	3/2006	Oriani et al.			
2006/0064833 A1	3/2006	Jacobs			
2006/0080794 A1	4/2006	Punshon			
2006/0085932 A1	4/2006	Santos			
2006/0090276 A1	5/2006	Sorrentino			
2006/0130257 A1	6/2006	Cann			
2006/0213018 A1	9/2006	Gross et al.			
2007/0101525 A1	5/2007	Hohlbein			
2007/0226931 A1	10/2007	Kayser			
2007/0234496 A1	10/2007	Roberts et al.			
2008/0120799 A1	5/2008	Dondi et al.			
2008/0141478 A1	6/2008	Gatzemeyer et al.			
2008/0174165 A1	7/2008	Russell			

FOREIGN PATENT DOCUMENTS

KR 163699 S * 6/1995
KR 174209 S * 2/1996
KR 30-0319379 S * 3/2003

OTHER PUBLICATIONS

DE 40407153-0005 Registered Design Application (Synpart AG) Aug, 25, 2005, [online], [retrieved on Oct. 31, 2010]. Retrieved from the Designs Register of the German Patent and Trade Mark Office using the Internet: <URL: <http://register.dmpa.de>>.*
FR 000081 Registered Design Application, (Lemaitre-Leroux) May 12, 2000, [online], [retrieved on Dec. 14, 2011] Retrieved from the Design Database of the Institut National de la Propriété Industrielle using the Internet: <<http://bases-modeles.inpi.fr>>.*

* cited by examiner

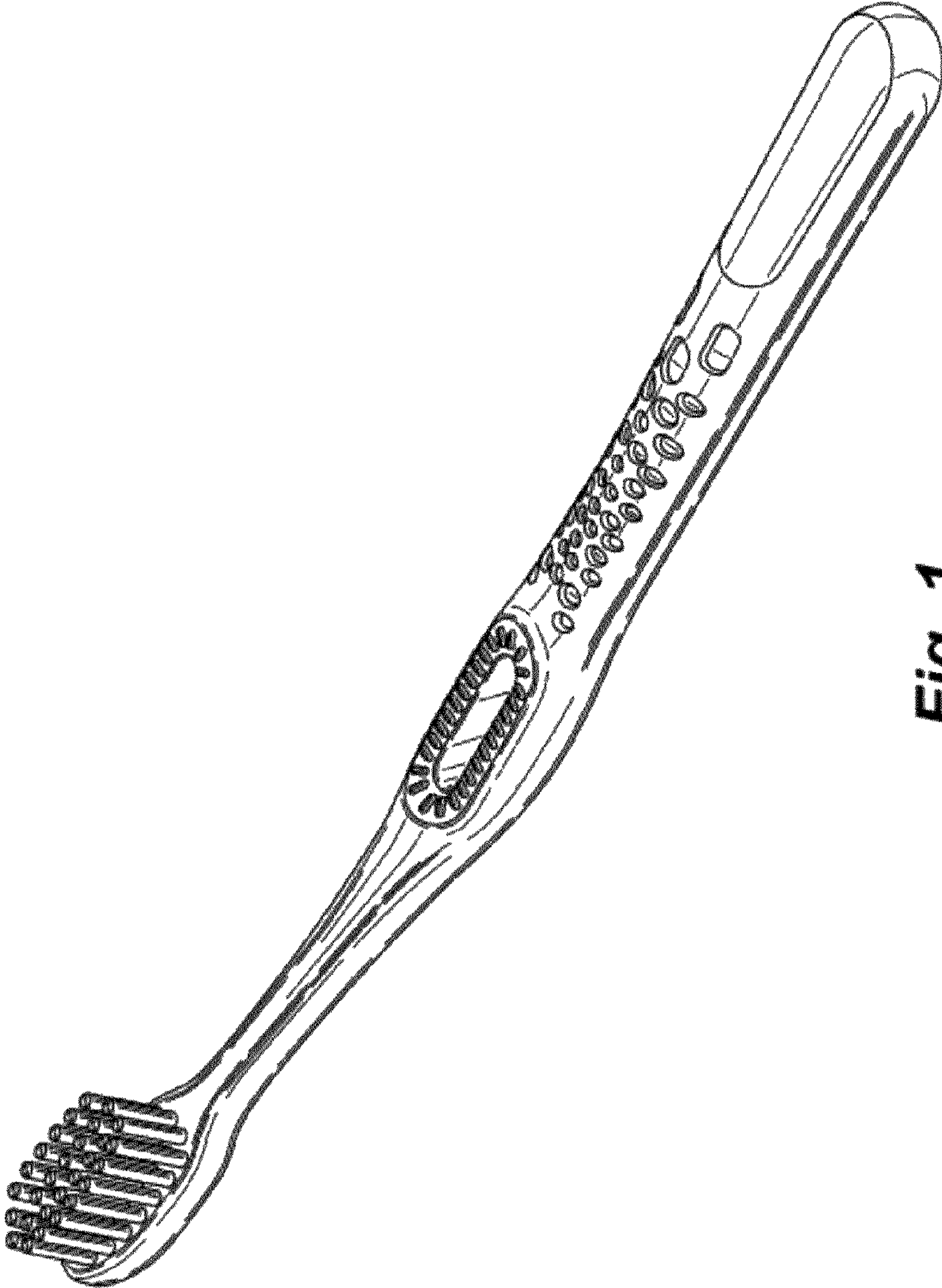


Fig. 1

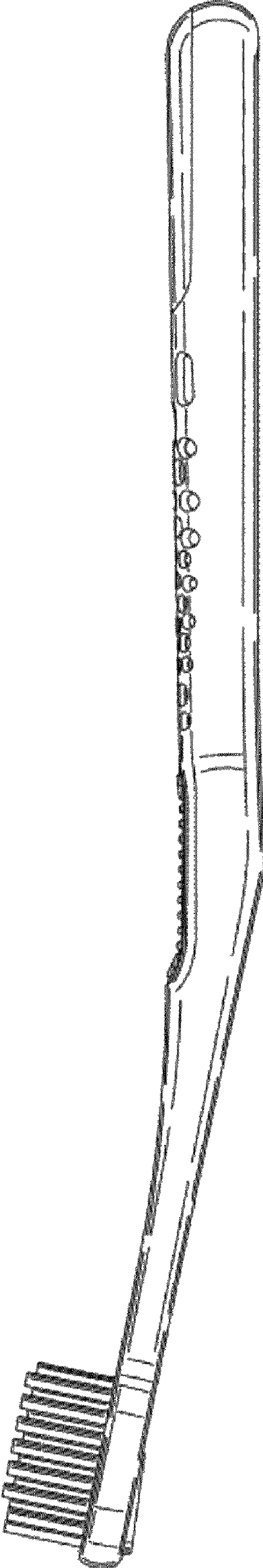


Fig. 2

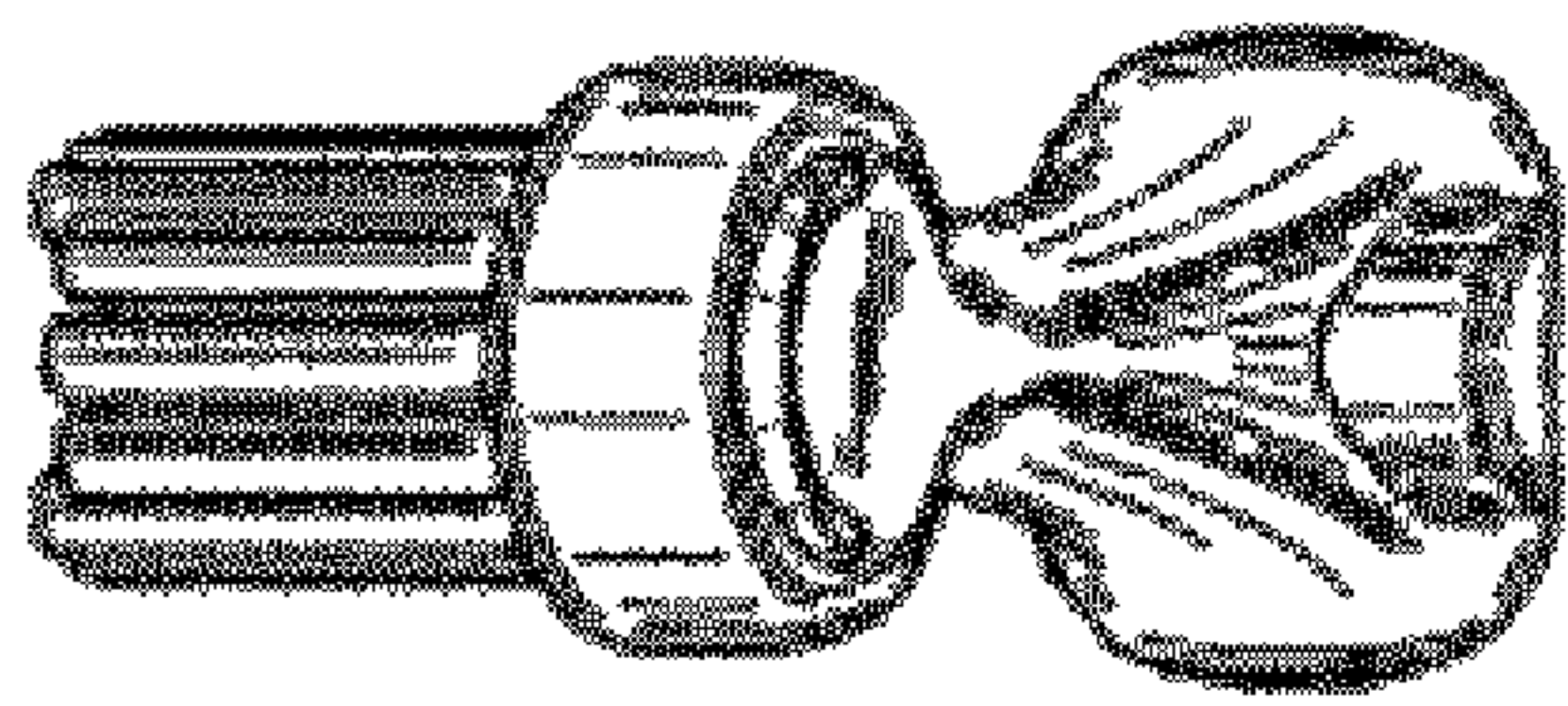


Fig. 3

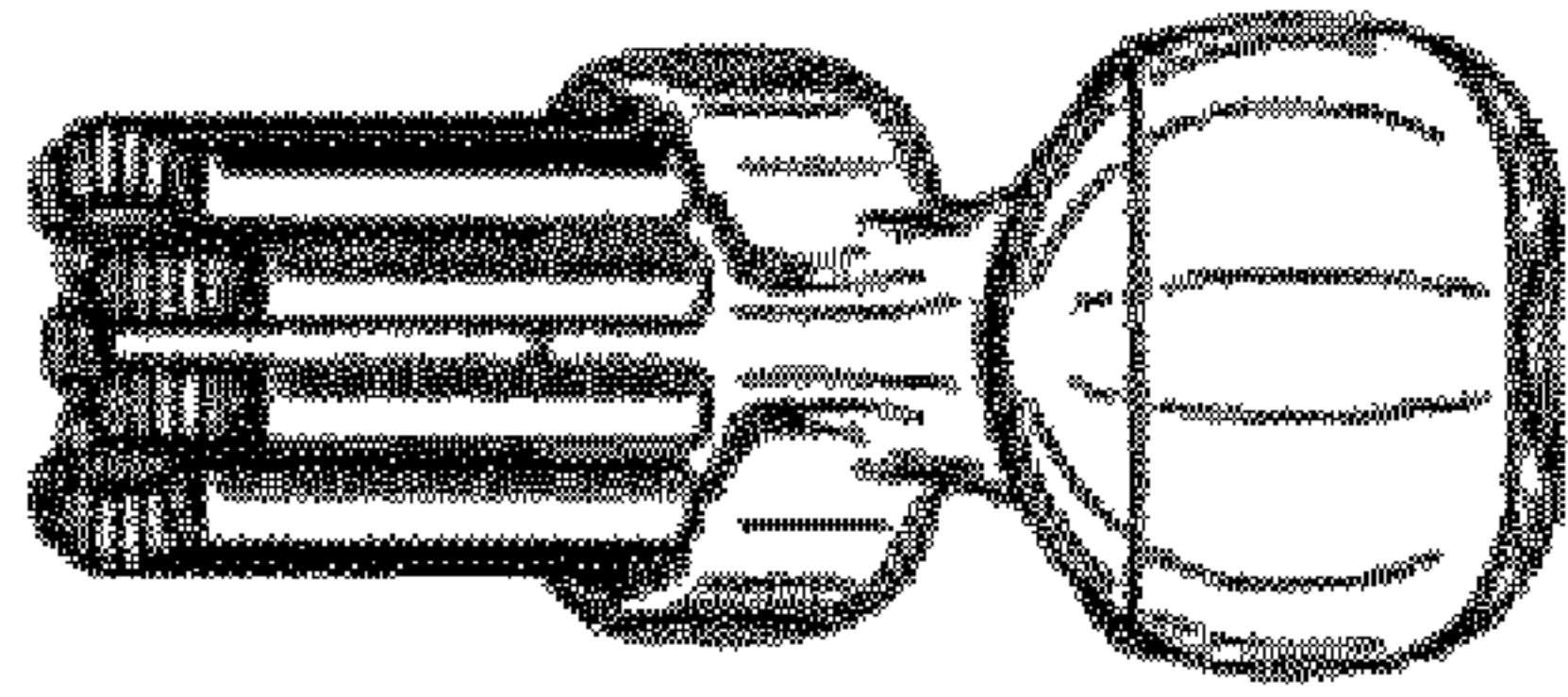


Fig. 4

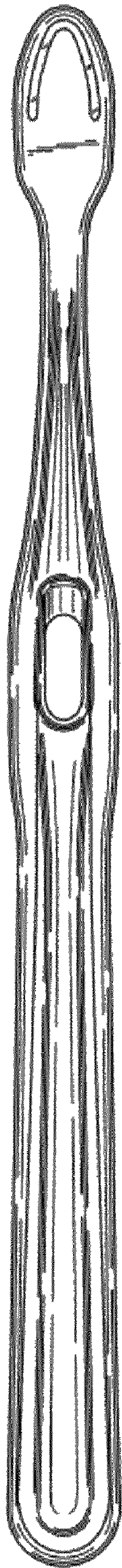


Fig. 5

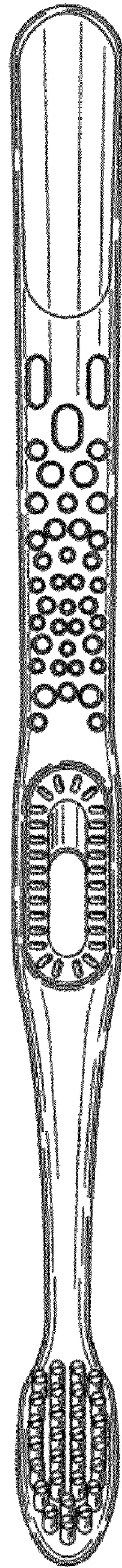


Fig. 6

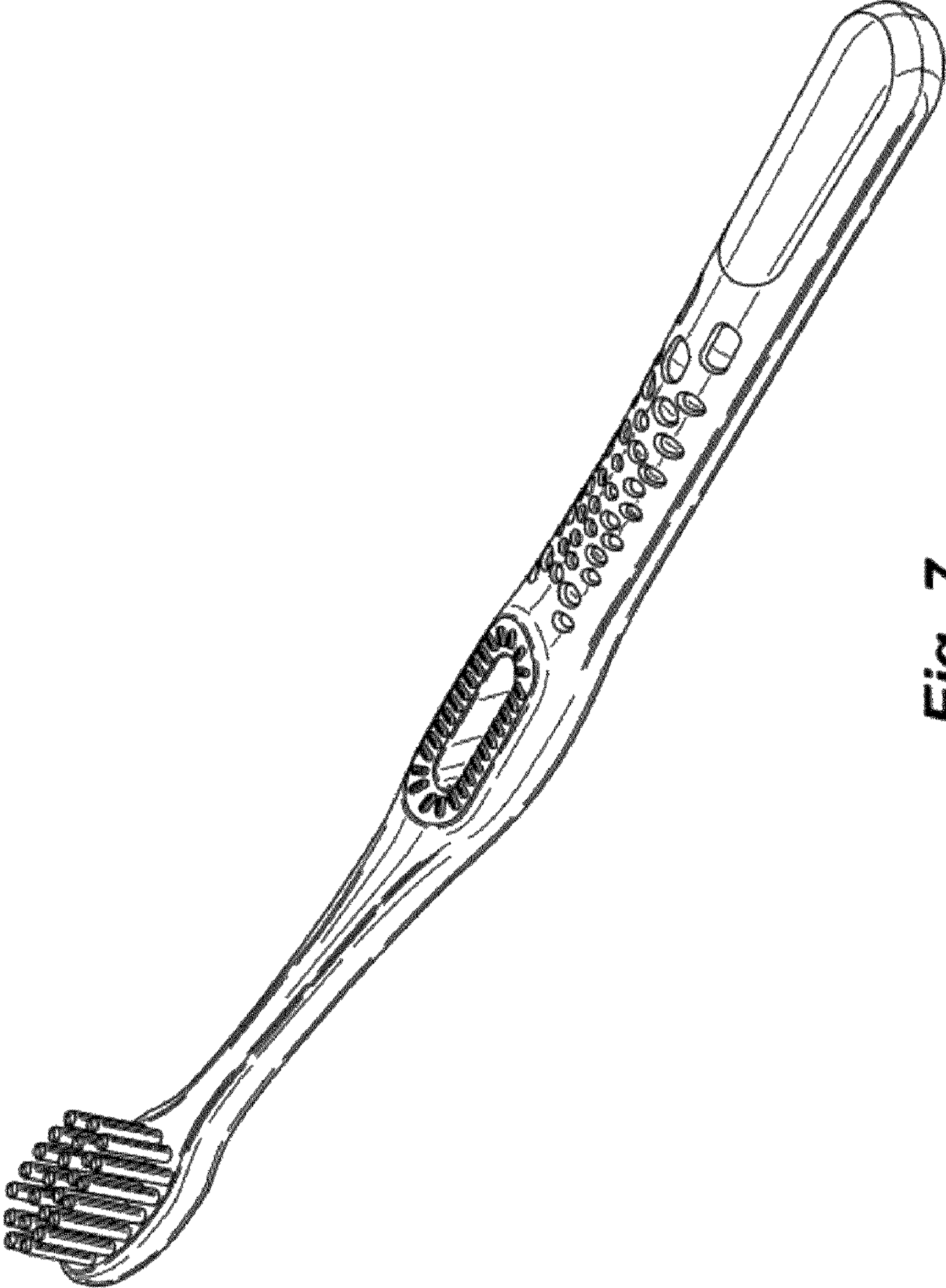


Fig. 7

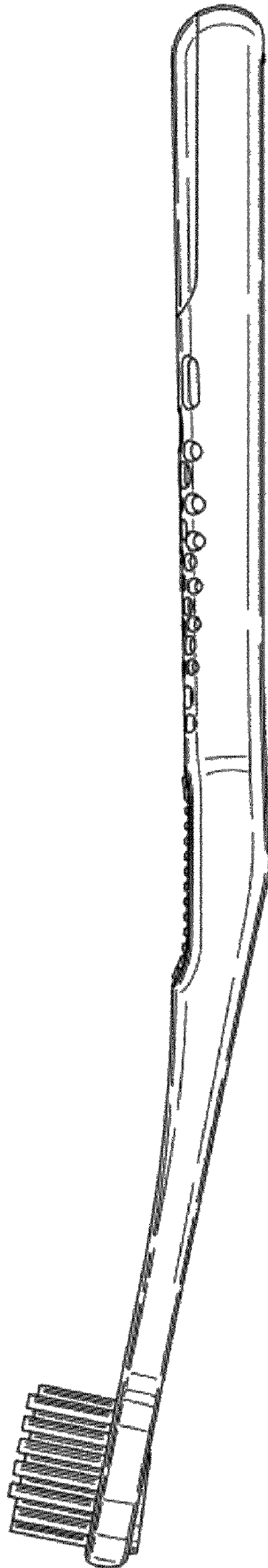


Fig. 8

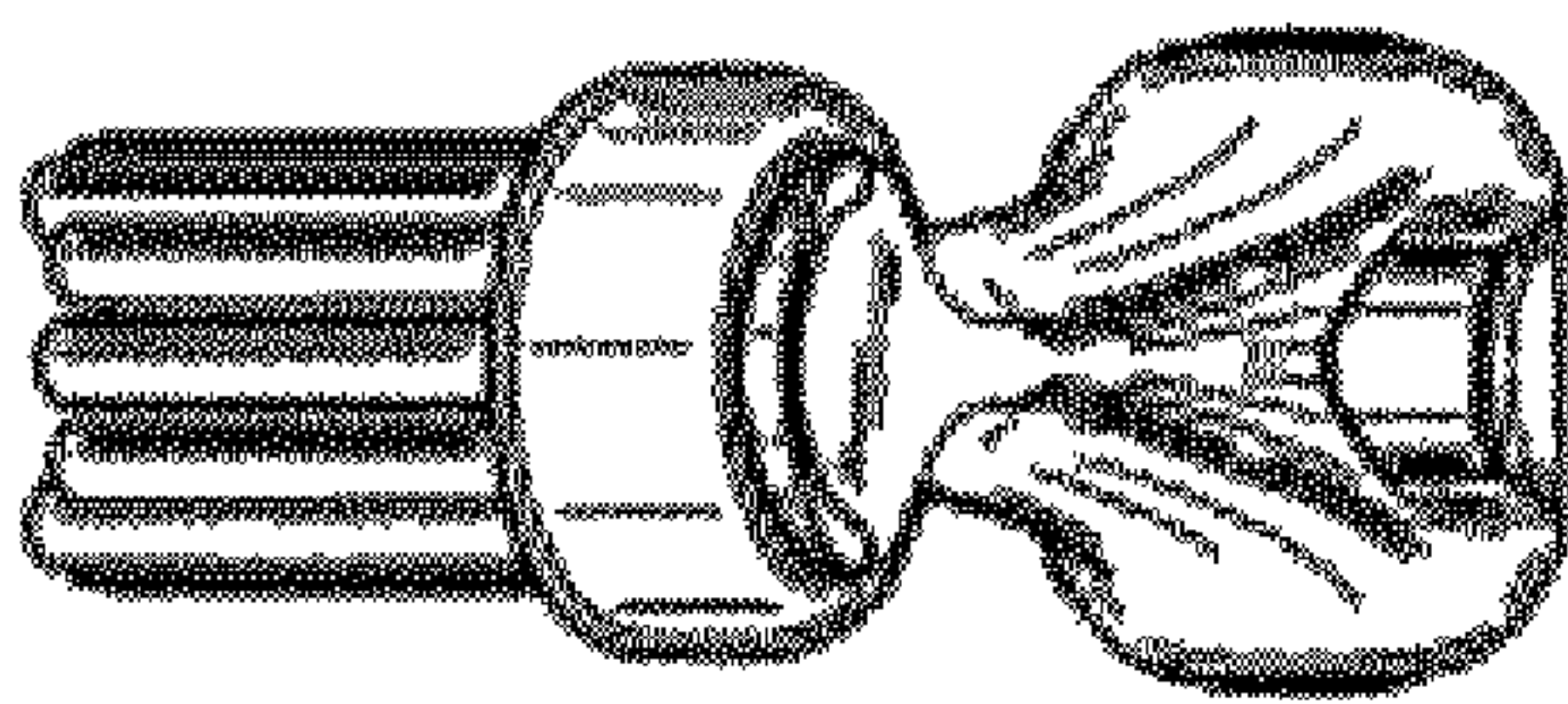


Fig. 9

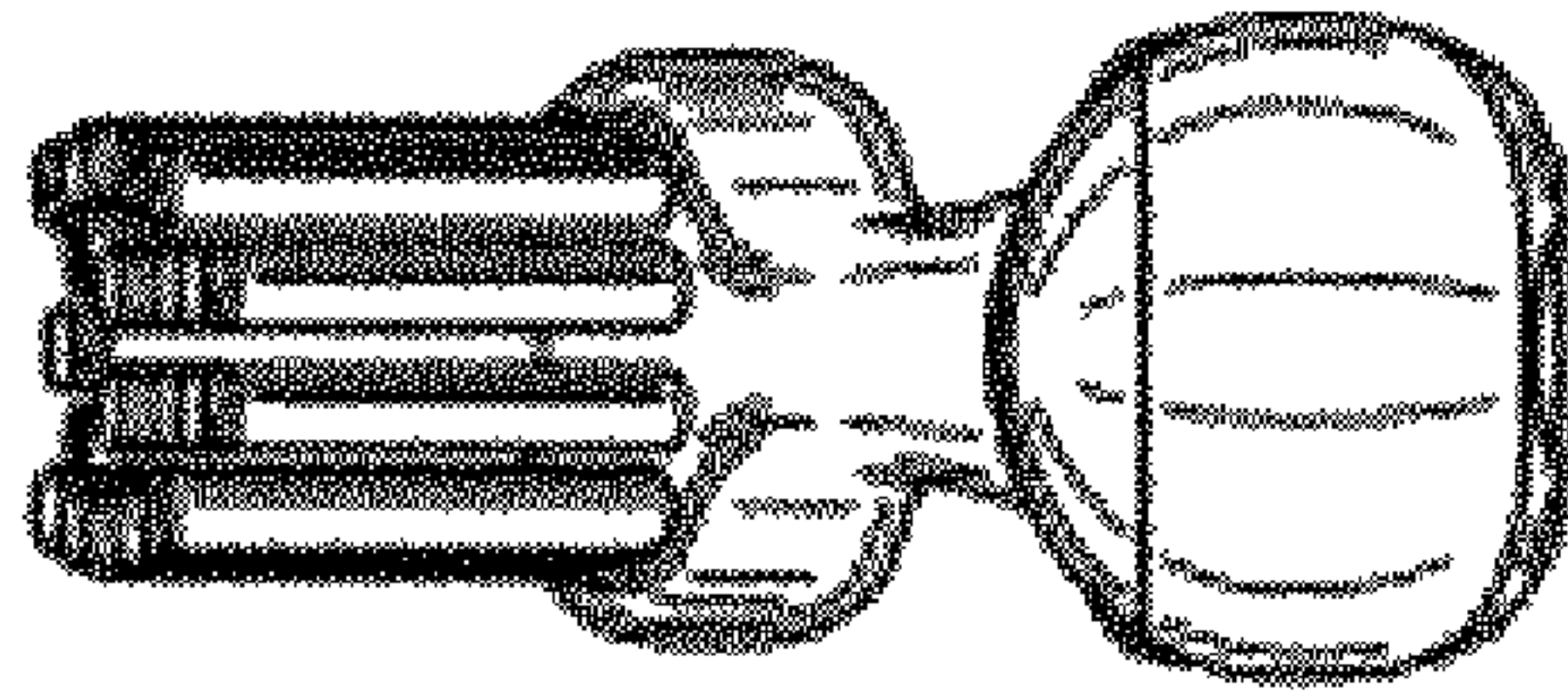


Fig. 10

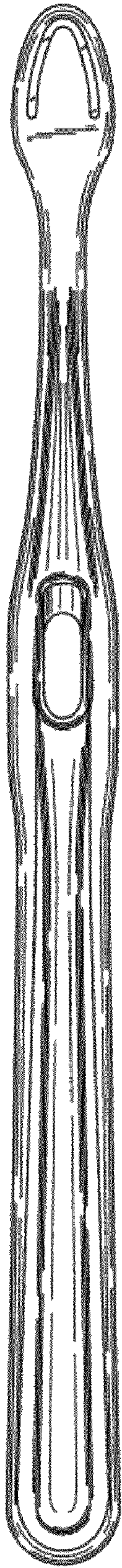


Fig. 11

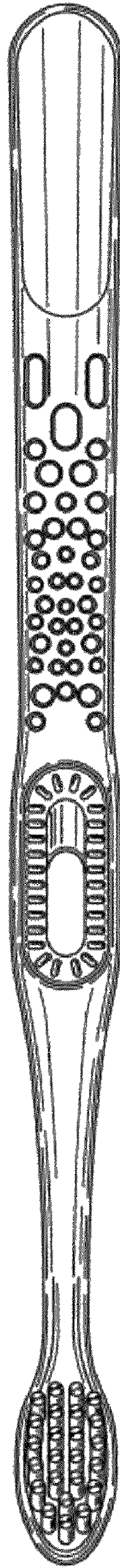


Fig. 12

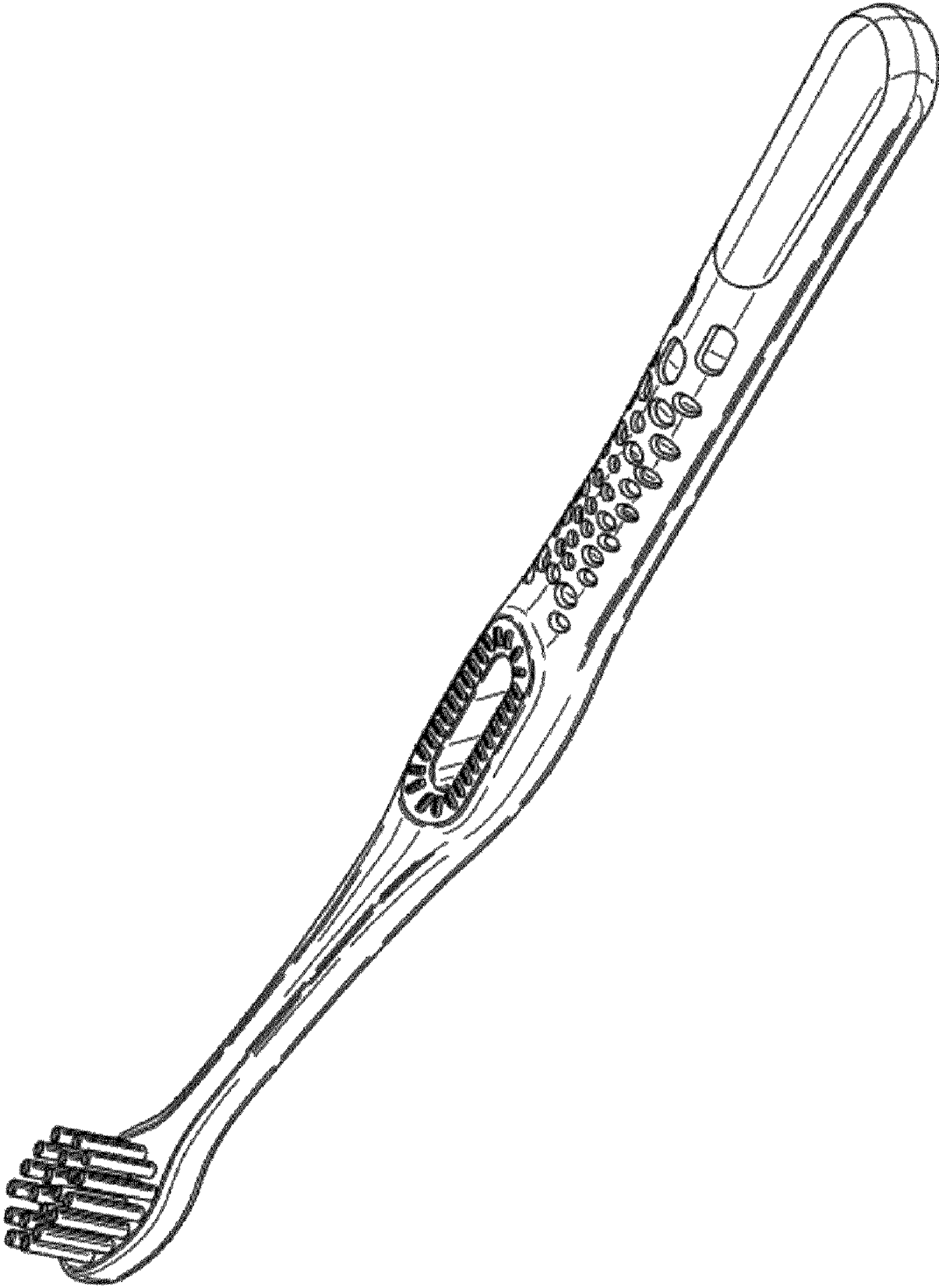


Fig. 13

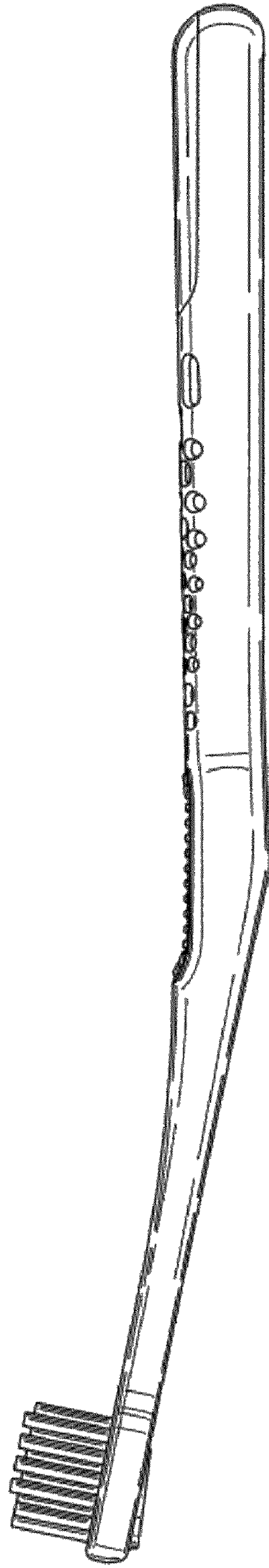


Fig. 14

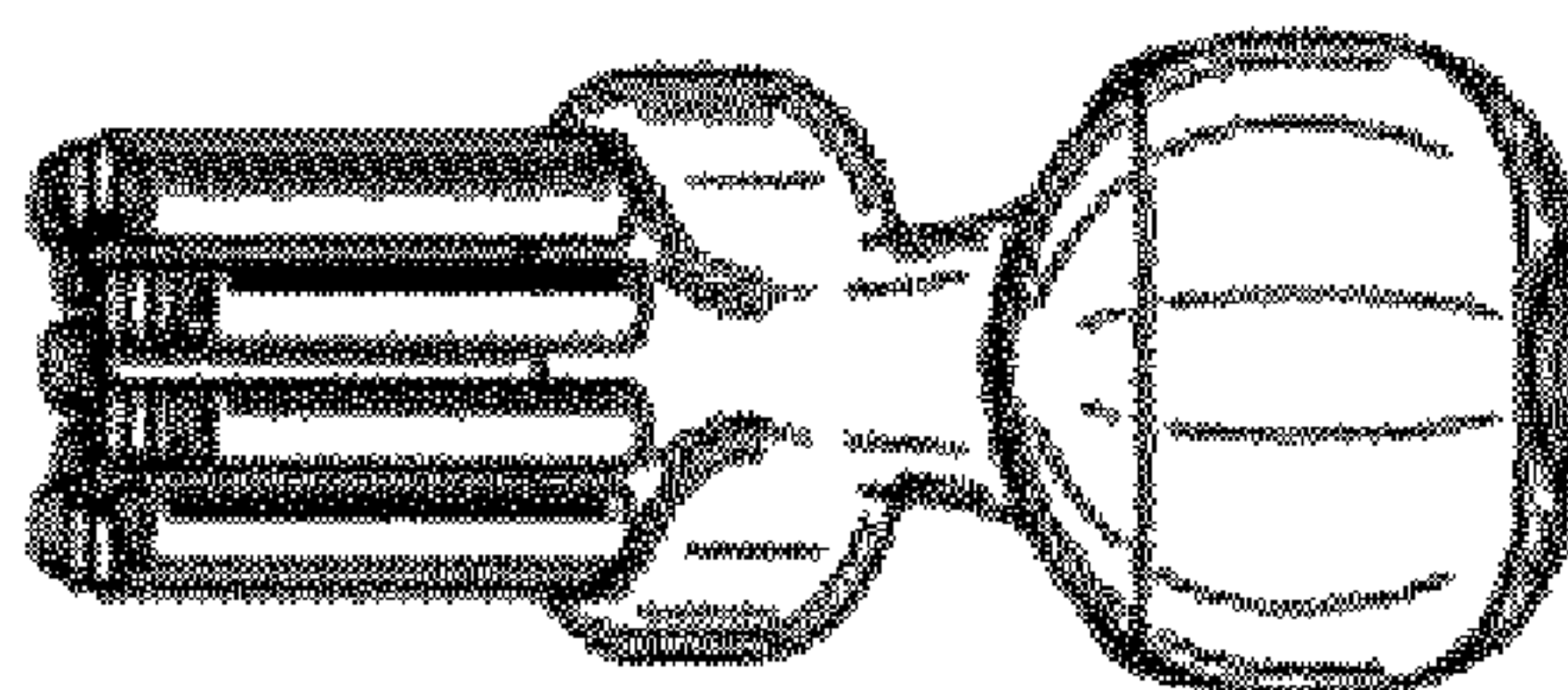


Fig. 15

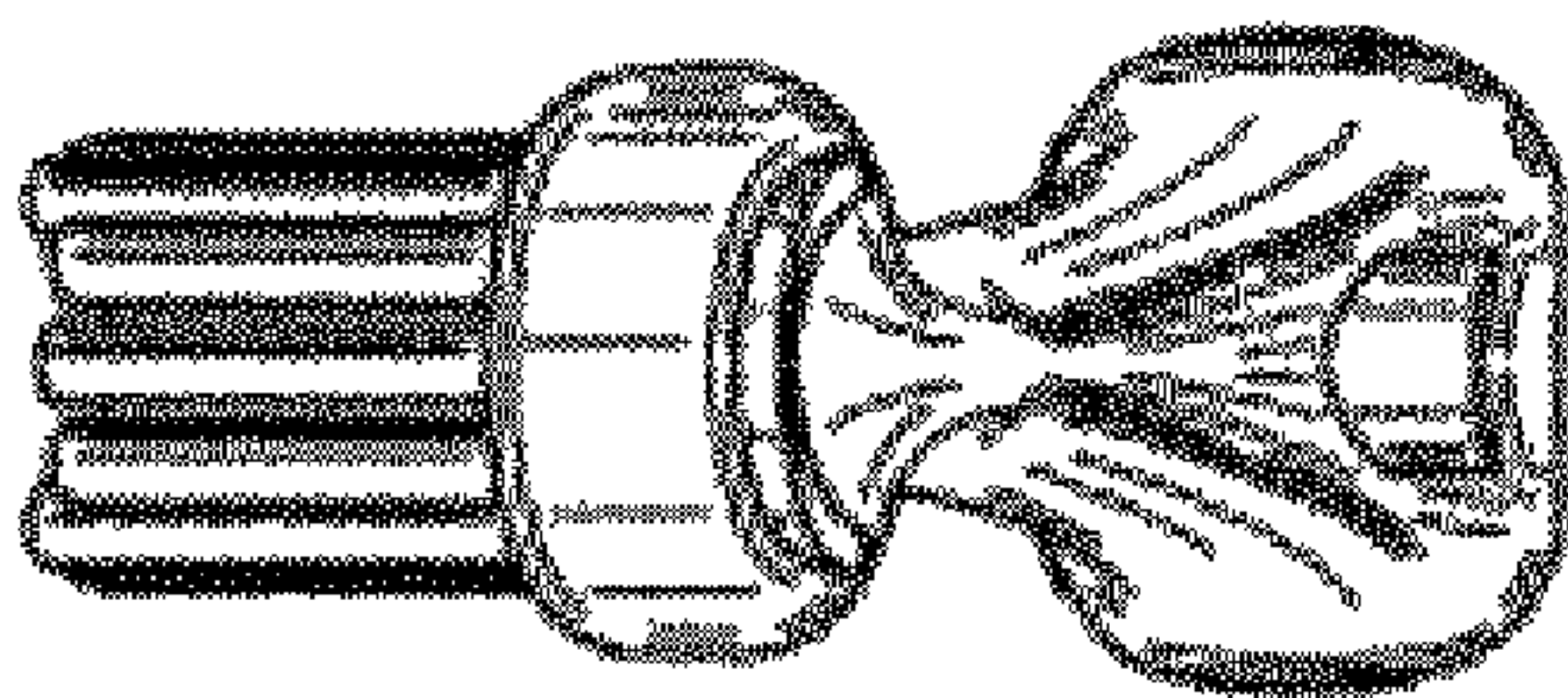


Fig. 16

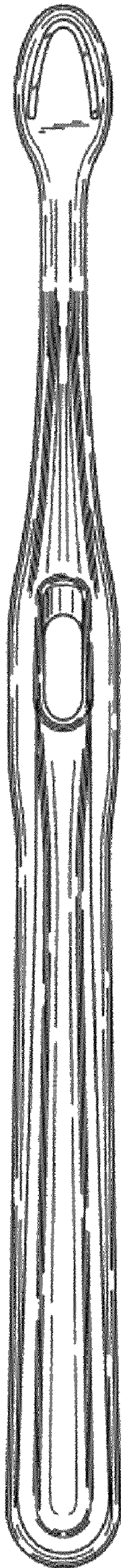


Fig. 17

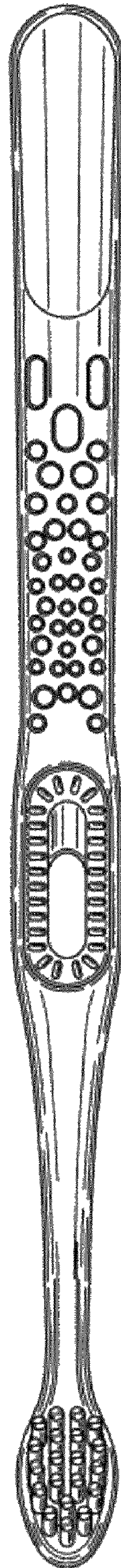


Fig. 18