



US00D672519S

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

(10) **Patent No.:** **US D672,519 S**
(45) **Date of Patent:** **** Dec. 11, 2012**

(54) **SPRAY MOP HOUSING**

FOREIGN PATENT DOCUMENTS

(75) Inventors: **Balaji Kandasamy**, Naperville, IL (US);
Joseph Seifts, Naperville, IL (US)

DE 28 34 644 A1 2/1980
(Continued)

(73) Assignee: **Freudenberg Household Products LP**,
Aurora, IL (US)

OTHER PUBLICATIONS

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

U.S. Patent & Trademark Office, International Search Report and
Written Opinion in International Patent Application No. PCT/
US2010/047021 (Oct. 19, 2010).

(21) Appl. No.: **29/420,836**

Primary Examiner — Robin V Webster

(22) Filed: **May 14, 2012**

(74) *Attorney, Agent, or Firm* — Leydig, Voit & Mayer, Ltd.

Related U.S. Application Data

(62) Division of application No. 29/386,799, filed on Mar.
4, 2011, now Pat. No. Des. 661,442.

(57) **CLAIM**

The ornamental design for a spray mop housing, as shown and
described.

(51) **LOC (9) Cl.** **04-01**

(52) **U.S. Cl.** **D32/45**

(58) **Field of Classification Search** D32/40–45;
15/228, 229.1, 229.3, 231; 401/138–140
See application file for complete search history.

DESCRIPTION

FIG. 1 is a perspective view taken from the top, front, and
right side of a spray mop housing showing our new design;
FIG. 2 is a top plan view of the spray mop housing shown in
FIG. 1;
FIG. 3 is a bottom view of the spray mop housing shown in
FIG. 1;
FIG. 4 is a front elevational view of the spray mop housing
shown in FIG. 1;
FIG. 5 is a rear elevational view of the spray mop housing
shown in FIG. 1;
FIG. 6 is a left elevational side view of the spray mop housing
shown in FIG. 1; and,
FIG. 7 is a right elevational side view of the spray mop
housing shown in FIG. 1.
The broken lines are for illustration purposes only and form
no part of the claimed design.

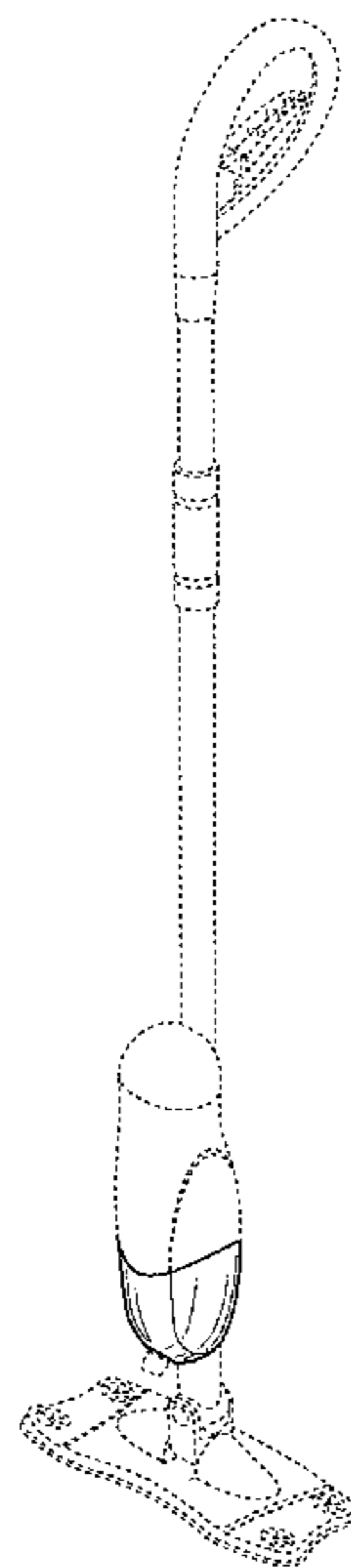
(56) **References Cited**

U.S. PATENT DOCUMENTS

1,715,632 A	6/1929	Wertheimer
2,470,837 A	5/1949	Polson
2,489,162 A	11/1949	Schulman
2,575,124 A	11/1951	Pollitt
2,618,799 A	11/1952	Barbato
2,633,590 A	4/1953	Mitchell
3,099,855 A	8/1963	Nash
3,126,573 A	3/1964	Vosbikian et al.
3,457,016 A	7/1969	Gotberg
3,760,450 A	9/1973	Griffin et al.
4,119,386 A	10/1978	Cushing
4,863,299 A	9/1989	Osberghaus et al.
4,971,471 A	11/1990	Sloan
4,991,250 A	2/1991	Young

(Continued)

1 Claim, 5 Drawing Sheets



US D672,519 S

U.S. PATENT DOCUMENTS							
5,232,298	A	8/1993	Mitsunari et al.	7,028,364	B2	4/2006	Policicchio et al.
5,419,015	A	5/1995	Garcia	7,038,154	B2	5/2006	Höfte et al.
D372,570	S	8/1996	Dokos	7,048,458	B2	5/2006	Hall et al.
5,779,155	A	7/1998	Schennum et al.	7,055,204	B2	6/2006	Ajluni
D396,908	S	8/1998	Beechuk et al.	7,096,531	B2	8/2006	Policicchio
5,804,274	A	9/1998	Nordin	7,144,173	B2	12/2006	Policicchio et al.
D401,703	S	11/1998	Beechuk et al.	7,163,349	B2	1/2007	Policicchio et al.
D402,776	S	12/1998	Carlson	7,172,099	B2	2/2007	Höfte et al.
5,875,926	A	3/1999	Schwartz	7,182,537	B2	2/2007	Policicchio et al.
5,888,006	A	3/1999	Ping et al.	7,192,210	B2	3/2007	Svendson et al.
5,960,508	A	10/1999	Holt et al.	D548,910	S	8/2007	Murray
5,988,920	A	11/1999	Kunkler et al.	7,264,413	B2	9/2007	Vosbikian et al.
6,003,191	A	12/1999	Sherry et al.	D566,916	S	4/2008	Nobile et al.
6,013,349	A	1/2000	Takeuchi et al.	7,431,524	B2	10/2008	Sacks
D423,157	S	4/2000	Hodges	7,451,516	B2	11/2008	Tanaka
6,045,622	A	4/2000	Holt et al.	7,451,519	B2	11/2008	Nishinaka et al.
6,048,123	A	4/2000	Holt et al.	7,465,115	B2	12/2008	Suda et al.
D425,274	S	* 5/2000	Kunkler D32/35	D585,612	S	1/2009	Soller et al.
D428,226	S	7/2000	Kunkler	7,480,956	B2	1/2009	Policicchio et al.
6,098,239	A	8/2000	Vosbikian	D586,966	S	2/2009	Nobile et al.
6,101,661	A	8/2000	Policicchio et al.	7,487,567	B2	2/2009	Kresse et al.
6,305,046	B1	10/2001	Kingry et al.	7,496,985	B1	3/2009	Morad
6,321,941	B1	11/2001	Argentieri et al.	7,506,397	B2	3/2009	Tanaka
6,325,563	B1	12/2001	Matechuk	7,516,510	B2	4/2009	Tanaka
D456,268	S	4/2002	Hague et al.	D591,921	S	5/2009	Rosenzweig et al.
6,386,392	B1	5/2002	Argentieri et al.	7,536,743	B2	5/2009	Goh et al.
D458,427	S	6/2002	Kunkler et al.	7,552,499	B2	6/2009	James et al.
6,484,346	B2	11/2002	Kingry et al.	7,553,783	B2	6/2009	Tanaka
6,497,525	B1	12/2002	Huang	7,565,715	B2	7/2009	Harper et al.
6,513,184	B1	2/2003	Brown et al.	7,578,023	B2	8/2009	Olson
6,540,424	B1	4/2003	Hall et al.	D599,517	S	9/2009	Vrdoljak
6,551,001	B2	4/2003	Aberegg et al.	D599,518	S	9/2009	Vrdoljak
6,579,023	B2	6/2003	Kunkler et al.	D602,218	S	10/2009	Koenig et al.
D477,701	S	7/2003	Kunkler et al.	7,607,192	B2	10/2009	Flora et al.
6,601,261	B1	8/2003	Holt et al.	7,618,206	B2	11/2009	Sacks
6,606,757	B2	8/2003	Vosbikian et al.	D607,168	S	* 12/2009	Libman et al. D32/45
6,644,877	B1	11/2003	Chen	D608,514	S	* 1/2010	Crawford et al. D32/45
6,651,290	B2	11/2003	Kingry et al.	7,721,381	B2	5/2010	Michelson et al.
6,655,866	B1	12/2003	Morad et al.	7,779,501	B2	8/2010	Lacotta et al.
6,659,670	B1	12/2003	Blousé	D631,217	S	1/2011	Lavy
6,663,306	B2	12/2003	Policicchio et al.	D636,958	S	* 4/2011	Koenig et al. D32/45
6,669,391	B2	12/2003	Policicchio et al.	D658,835	S	5/2012	Houghton
D485,178	S	1/2004	Pouillot et al.	D660,533	S	* 5/2012	Hill et al. D32/45
D486,616	S	2/2004	Hall et al.	D661,036	S	* 5/2012	Raven D32/45
D486,949	S	2/2004	Hall et al.	8,205,293	B2	6/2012	Rosenzweig et al.
D487,174	S	2/2004	Colman et al.	2002/0168216	A1	11/2002	Policicchio et al.
6,685,056	B1	2/2004	Argentieri et al.	2002/0186996	A1	12/2002	Miller
6,687,941	B2	2/2004	Billat	2003/0028988	A1	2/2003	Streutker et al.
6,692,172	B1	2/2004	Hsu	2003/0045197	A1	3/2003	Kakiuchi et al.
6,722,806	B2	4/2004	Kunkler et al.	2003/0103795	A1	6/2003	Hollars et al.
6,726,388	B1	4/2004	Monahan	2003/0110584	A1	6/2003	Clare et al.
6,758,412	B2	7/2004	Aberegg et al.	2003/0126710	A1	7/2003	Policicchio et al.
6,766,552	B1	7/2004	Policicchio et al.	2003/0180083	A1	9/2003	Hall et al.
D497,699	S	10/2004	Chi-Hsiang et al.	2004/0011382	A1	1/2004	Kingry et al.
6,807,702	B2	10/2004	Keck et al.	2004/0047670	A1	3/2004	Martin
6,814,519	B2	11/2004	Policicchio et al.	2004/0074520	A1	4/2004	Truong et al.
6,842,936	B2	1/2005	Policicchio et al.	2004/0111817	A1	6/2004	Chen et al.
6,854,911	B2	2/2005	Policicchio et al.	2004/0139572	A1	7/2004	Kisela et al.
6,866,165	B2	3/2005	Heathcock et al.	2004/0141797	A1	7/2004	Garabedian et al.
6,871,372	B2	3/2005	Vosbikian et al.	2004/0187245	A1	9/2004	Kohlruss et al.
D505,762	S	5/2005	Lalanne et al.	2004/0206372	A1	10/2004	Holt et al.
6,893,180	B2	5/2005	Hall et al.	2004/0223803	A1	11/2004	Fahy et al.
6,899,485	B2	5/2005	Hall et al.	2005/0011536	A1	1/2005	Hofte et al.
D506,050	S	6/2005	Lalanne et al.	2005/0076936	A1	4/2005	Pung et al.
6,910,823	B2	6/2005	Policicchio et al.	2005/0081888	A1	4/2005	Pung et al.
D507,088	S	7/2005	Chi-Hsiang et al.	2005/0089360	A1	4/2005	Garabedian, Jr. et al.
6,948,873	B2	9/2005	Policicchio et al.	2005/0095053	A1	5/2005	Harris
6,953,299	B2	10/2005	Wang et al.	2005/0155630	A1	7/2005	Kilkenny et al.
6,960,042	B1	11/2005	Hsiao	2005/0238410	A1	10/2005	Julemont
6,964,535	B2	11/2005	Bell et al.	2005/0268419	A1	12/2005	Tanaka
6,976,802	B2	12/2005	Hall et al.	2005/0271456	A1	12/2005	Suda et al.
D514,267	S	1/2006	Tsai	2006/0014462	A1	1/2006	Jones, III
6,981,533	B2	1/2006	Zorzo	2006/0039743	A1	2/2006	Mensink et al.
6,986,618	B2	1/2006	Hall et al.	2006/0110207	A1	5/2006	Augustinus Hofte et al.
6,986,619	B2	1/2006	Hall et al.	2006/0171764	A1	8/2006	Hoadley
7,004,658	B2	2/2006	Hall et al.	2006/0213535	A1	9/2006	Porticos
7,007,338	B2	3/2006	Garabedian, Jr. et al.	2006/0222441	A1	10/2006	Tanaka et al.
D518,935	S	4/2006	Leitch et al.	2006/0233593	A1	10/2006	Tanaka et al.
				2006/0260083	A1	11/2006	Rothweil et al.

US D672,519 S

Page 3

2007/0020040 A1 1/2007 Sacks
2007/0107151 A1 5/2007 Pung et al.
2007/0141299 A1 6/2007 Hong
2007/0151063 A1 7/2007 Decoopman
2007/0214586 A1 9/2007 Mattucci et al.
2007/0231046 A1 10/2007 Whiffen et al.
2007/0256266 A1 11/2007 Michelson et al.
2008/0016634 A1 1/2008 Vosbikian et al.
2008/0016635 A1 1/2008 Morris et al.
2008/0038045 A1 2/2008 Hoffe et al.

2008/0098549 A1 5/2008 Yang
2008/0107471 A1 5/2008 Fitzpatrick et al.
2008/0280094 A1 11/2008 Wildeman et al.
2009/0000051 A1 1/2009 Rosenzweig et al.
2009/0097902 A1 4/2009 Lemmon

FOREIGN PATENT DOCUMENTS

WO WO 01/72195 A1 10/2001

* cited by examiner

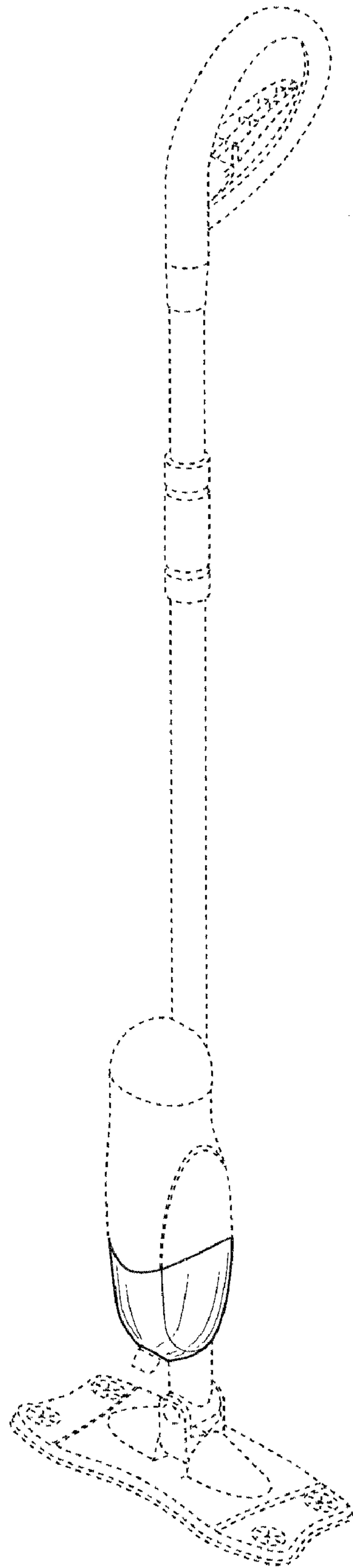


FIG. 1

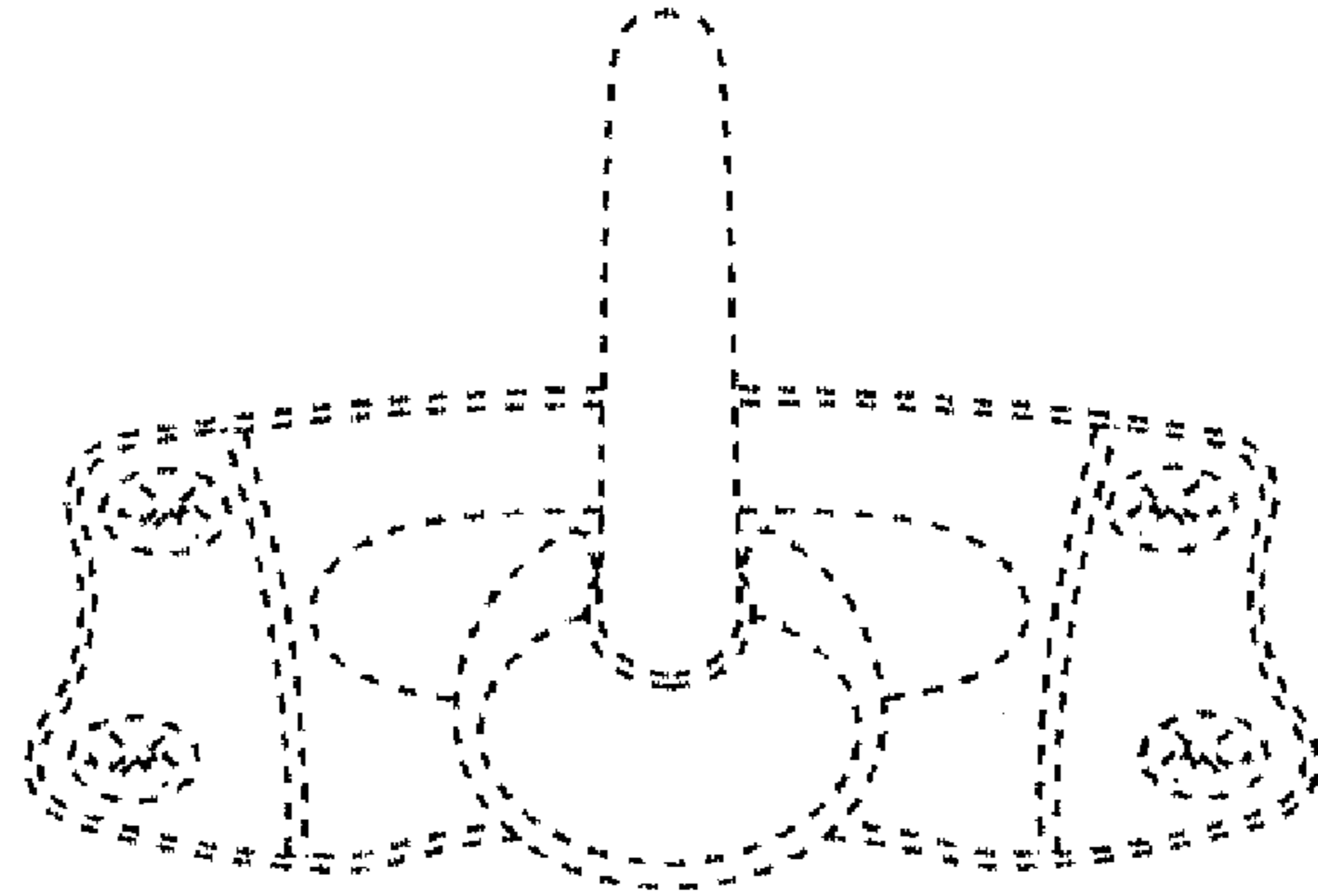


FIG. 2

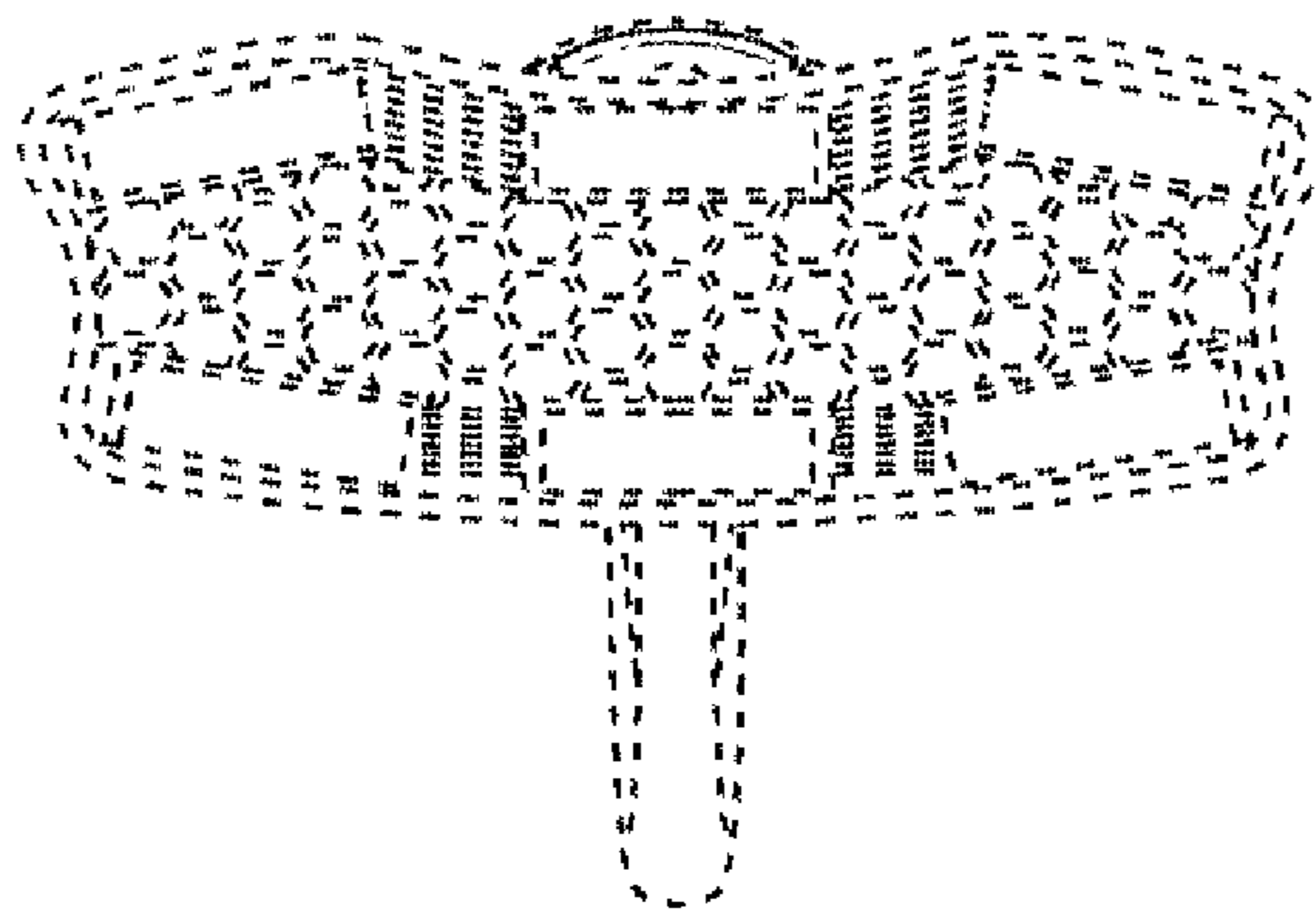


FIG. 3

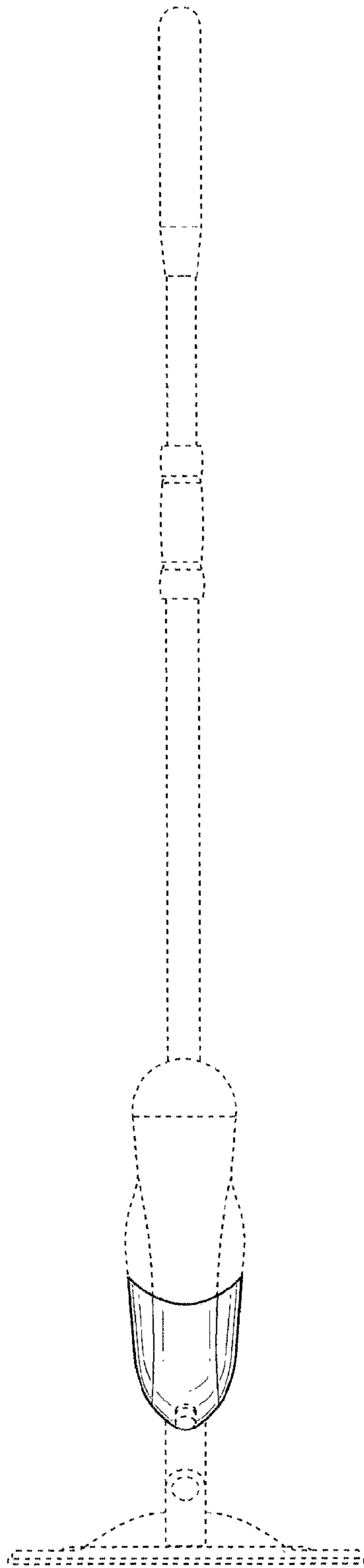


FIG. 4

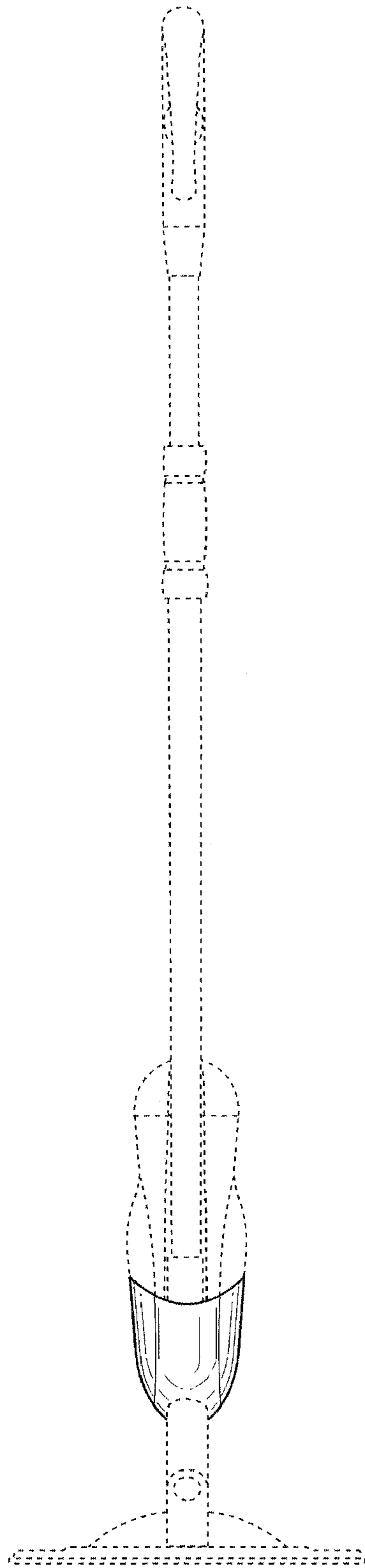


FIG. 5

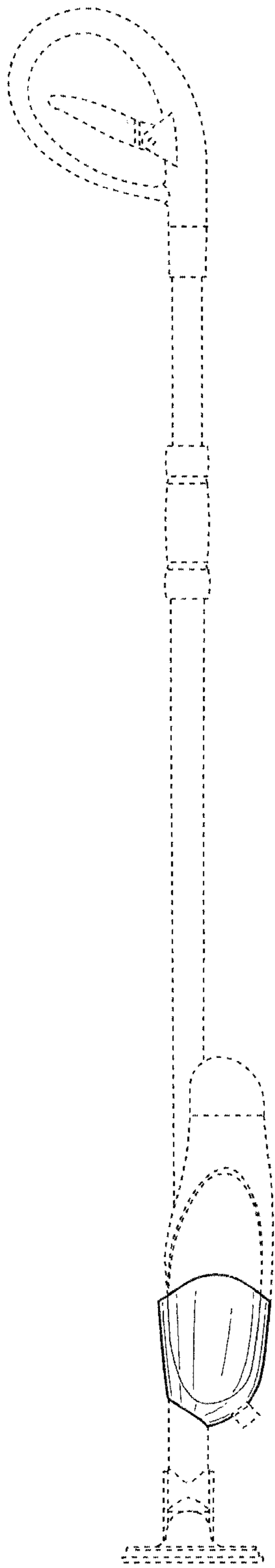


FIG. 6

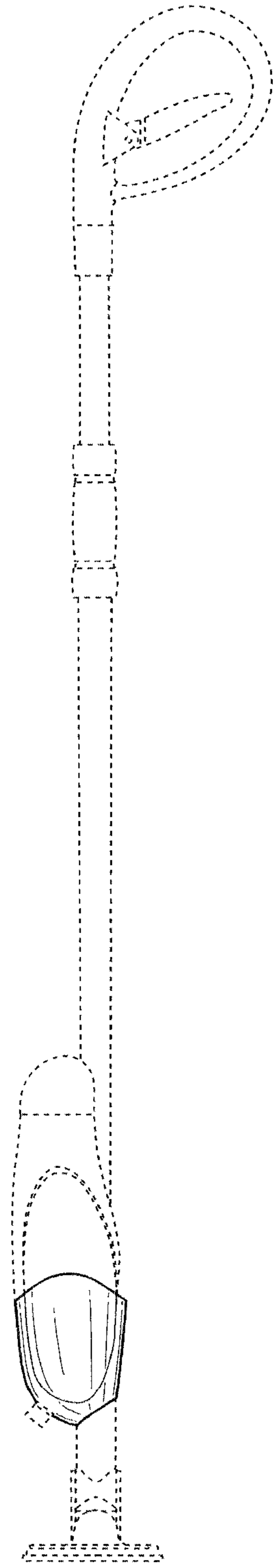


FIG. 7