



US00D850001S

(12) **United States Design Patent** (10) **Patent No.:** **US D850,001 S**
Coulton et al. (45) **Date of Patent:** **** *May 28, 2019**

(54) **HAIR STYLING AND HAIR CARE APPARATUS**

(71) Applicant: **Dyson Technology Limited**, Wiltshire (GB)

(72) Inventors: **Robert Mark Brett Coulton**, Bristol (GB); **Daniel John Thompson**, Bristol (GB); **Christopher Daniel Currer Wilkinson**, Swindon (GB); **Andrea Ee-Va Lim**, Bristol (GB); **Peter David Gammack**, Gloucester (GB); **Stephen Benjamin Courtney**, Gloucester (GB); **Alexander Stuart Knox**, Swindon (GB); **Jeremy Adam Tomas Ellis-Gray**, Dursley (GB); **Nicholas Giles Wilkins**, Gloucester (GB)

(73) Assignee: **Dyson Technology Limited**, Malmesbury, Wiltshire (GB)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/627,694**

(22) Filed: **Nov. 29, 2017**

(30) **Foreign Application Priority Data**

May 30, 2017 (EM) 004024024-0001

(51) **LOC (11) Cl.** **28-03**

(52) **U.S. Cl.**
USPC **D28/18**

(58) **Field of Classification Search**
USPC D28/13, 18, 24, 25, 10, 12; 34/96-98; 132/271; 239/135, 128, 270
CPC A45D 20/12; A45D 20/00; A45D 20/10; A45D 20/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D256,280 S	8/1980	Haase	
D256,846 S	9/1980	Haase	
4,232,454 A	11/1980	Springer	
D259,665 S *	6/1981	Cousins D28/13
D277,417 S	1/1985	Wistrand	
D322,892 S	1/1992	Kwok-Fai Au	
5,157,757 A	10/1992	McDougall	

(Continued)

OTHER PUBLICATIONS

Coulton et al., U.S. Office Action dated Aug. 31, 2018, directed to U.S. Appl. No. 29/627,665; 8 pages.

(Continued)

Primary Examiner — Susan Bennett Hattan

Assistant Examiner — Rebecca Tsehaye

(74) *Attorney, Agent, or Firm* — Morrison & Foerster LLP

(57) **CLAIM**

We claim the ornamental design for a hair styling and hair care apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a hair styling and hair care apparatus showing our new design;

FIG. 2 is a bottom perspective view thereof;

FIG. 3 is a side view thereof;

FIG. 4 is a top view thereof;

FIG. 5 is a bottom view thereof;

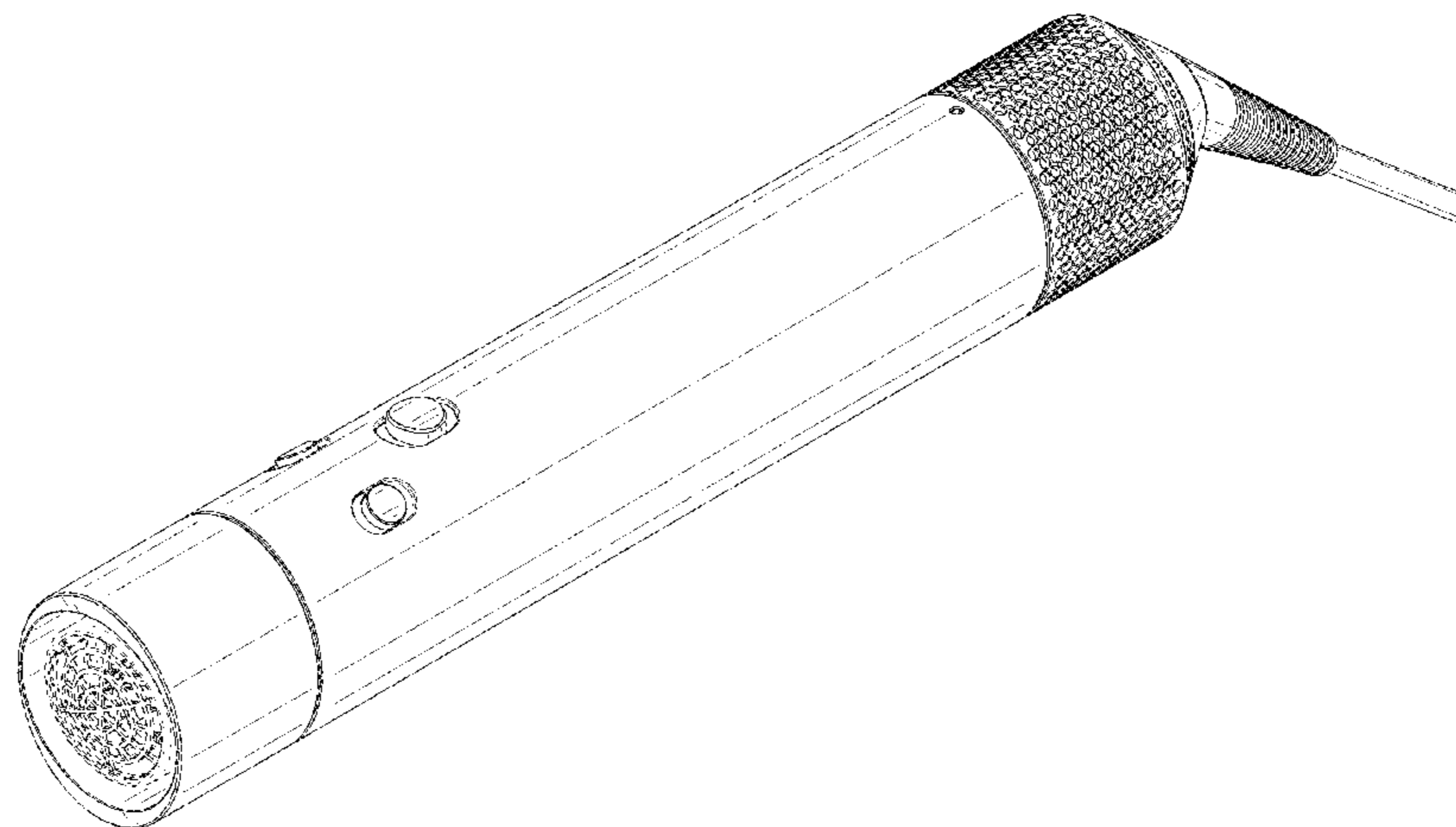
FIG. 6 is a front view thereof; and,

FIG. 7 is a rear view thereof.

The view opposite the side view of FIG. 3 is a mirror image thereof, and therefore, is omitted.

The broken lines in the drawings depict portions of the hair styling and hair care apparatus that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D386,816	S	11/1997	Seifert	
D398,073	S	9/1998	Kip	
D398,074	S	9/1998	Nosenchuck	
D409,796	S	5/1999	Moreno	
D425,663	S	5/2000	Greubel et al.	
D439,012	S	3/2001	McCurrach	
D439,701	S	3/2001	Engelen	
D448,115	S	9/2001	White	
D457,730	S	5/2002	McCurrach	
6,460,272	B2	10/2002	Cheng	
D476,443	S	6/2003	Ohta et al.	
6,662,811	B2	12/2003	Mugge et al.	
D506,030	S	6/2005	Lai	
D510,192	S	10/2005	Kampel et al.	
6,962,159	B1	11/2005	Adam	
7,096,598	B1	8/2006	Myatt	
D557,017	S	12/2007	Kampel et al.	
D609,857	S	2/2010	Schmitz	
D676,600	S	2/2013	Thrasher, Jr.	
D700,018	S	2/2014	Thrash	
D754,313	S	4/2016	Ellis et al.	
D775,418	S	12/2016	Stephens et al.	
D775,419	S	12/2016	Stephens et al.	
D776,345	S	1/2017	Tang	
D782,731	S *	3/2017	Smith	D28/13
D782,732	S *	3/2017	Smith	D28/13
D782,733	S *	3/2017	Smith	D28/13
D782,734	S	3/2017	Sutter et al.	
D790,785	S	6/2017	Courtney et al.	
D791,407	S *	7/2017	Smith	D28/13
D798,502	S	9/2017	Smith et al.	
D800,454	S	10/2017	Mathieu	
9,808,067	B2 *	11/2017	Sutter	A45D 20/10
D810,927	S	2/2018	Ross et al.	
D811,009	S	2/2018	Smith et al.	
D814,130	S	3/2018	Taub	
D815,837	S	4/2018	Zhou	
D817,643	S	5/2018	Valle et al.	
9,986,810	B2 *	6/2018	Bobillier	A45D 20/08
D823,004	S	7/2018	Kuo	
D823,005	S	7/2018	Kuo	
10,021,951	B2 *	7/2018	Bobillier	A45D 20/12
10,028,574	B2	7/2018	Rennette	
2014/0083446	A1	3/2014	Julernont et al.	
2016/0166033	A1 *	6/2016	Kerr	A45D 20/10 34/97
2016/0166035	A1 *	6/2016	Douglas	A45D 20/12 34/97
2016/0206075	A1 *	7/2016	Stephens	A45D 20/12
2016/0206076	A1 *	7/2016	Stephens	A45D 20/10
2016/0206077	A1 *	7/2016	Stephens	A45D 20/12
2016/0338464	A1 *	11/2016	Wilkinson	A45D 20/10
2016/0338465	A1 *	11/2016	Wilkinson	A45D 20/10
2017/0112256	A1 *	4/2017	Bobillier	A45D 20/08
2017/0164709	A1 *	6/2017	Laveni	A45D 20/10
2017/0273422	A1	9/2017	Heffer et al.	
2017/0273425	A1	9/2017	Stephens et al.	
2017/0273428	A1	9/2017	Nicolson et al.	
2017/0273429	A1	9/2017	Nicolson et al.	
2017/0273431	A1	9/2017	Courtney et al.	
2018/0055181	A1 *	3/2018	Spark	A45D 2/24
2018/0055184	A1 *	3/2018	McVeigh	A45D 20/12

OTHER PUBLICATIONS

Coulton et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,693; 9 pages.
 Coulton et al., U.S. Office Action dated Oct. 30, 2018, directed to U.S. Appl. No. 29/627,739; 7 pages.
 Coulton et al., U.S. Office Action dated Oct. 30, 2018, directed to U.S. Appl. No. 29/627,749; 7 pages.

Coulton et al., U.S. Office Action dated Oct. 30, 2018, directed to U.S. Appl. No. 29/627,752; 7 pages.
 Coulton et al., U.S. Office Action dated Oct. 30, 2018, directed to U.S. Appl. No. 29/627,754; 7 pages.
 Coulton et al., U.S. Office Action dated Oct. 30, 2018, directed to U.S. Appl. No. 29/627,773; 8 pages.
 Coulton et al., U.S. Office Action dated Sep. 10, 2018, directed to U.S. Appl. No. 29/627,690; 7 pages.
 Coulton et al., U.S. Office Action dated Sep. 14, 2018, directed to U.S. Appl. No. 29/627,707; 9 pages.
 Heffer et al., U.S. Office Action dated Aug. 16, 2018, directed to U.S. Appl. No. 29/627,688; 8 pages.
 Heffer et al., U.S. Office Action dated Aug. 16, 2018, directed to U.S. Appl. No. 29/627,712; 8 pages.
 Heffer et al., U.S. Office Action dated Aug. 16, 2018, directed to U.S. Appl. No. 29/627,713; 8 pages.
 Heffer et al., U.S. Office Action dated Aug. 16, 2018, directed to U.S. Appl. No. 29/627,730; 8 pages.
 Tappenden et al., U.S. Office Action dated Oct. 17, 2018, directed to U.S. Appl. No. 29/627,727; 6 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,660; 7 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,664; 7 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,668; 7 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,671; 7 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,673; 7 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,677; 7 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,678; 7 pages.
 Tappenden et al., U.S. Office Action dated Aug. 8, 2018, directed to U.S. Appl. No. 29/627,714; 7 pages.
 Tappenden et al., U.S. Office Action dated Nov. 14, 2018, directed to U.S. Appl. No. 29/627,741; 7 pages.
 Tappenden et al., U.S. Office Action dated Nov. 14, 2018, directed to U.S. Appl. No. 29/627,742; 7 pages.
 Tappenden et al., U.S. Office Action dated Nov. 14, 2018, directed to U.S. Appl. No. 29/627,743; 7 pages.
 Tappenden et al., U.S. Office Action dated Nov. 14, 2018, directed to U.S. Appl. No. 29/627,744; 7 pages.
 Tappenden et al., U.S. Office Action dated Oct. 1, 2018, directed to U.S. Appl. No. 29/627,717; 6 pages.
 Tappenden et al., U.S. Office Action dated Oct. 17, 2018, directed to U.S. Appl. No. 29/627,723; 6 pages.
 Tappenden et al., U.S. Office Action dated Oct. 17, 2018, directed to U.S. Appl. No. 29/627,731; 6 pages.
 Tappenden et al., U.S. Office Action dated Oct. 17, 2018, directed to U.S. Appl. No. 29/627,733; 6 pages.
 Tappenden et al., U.S. Office Action dated Oct. 17, 2018, directed to U.S. Appl. No. 29/627,734; 6 pages.
 Tappenden et al., U.S. Office Action dated Oct. 17, 2018, directed to U.S. Appl. No. 29/627,735; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,700; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,702; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,705; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,706; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,710; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,724; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,725; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 27, 2018, directed to U.S. Appl. No. 29/627,726; 6 pages.
 Tappenden et al., U.S. Office Action dated Sep. 28, 2018, directed to U.S. Appl. No. 29/627,719; 6 pages.

* cited by examiner

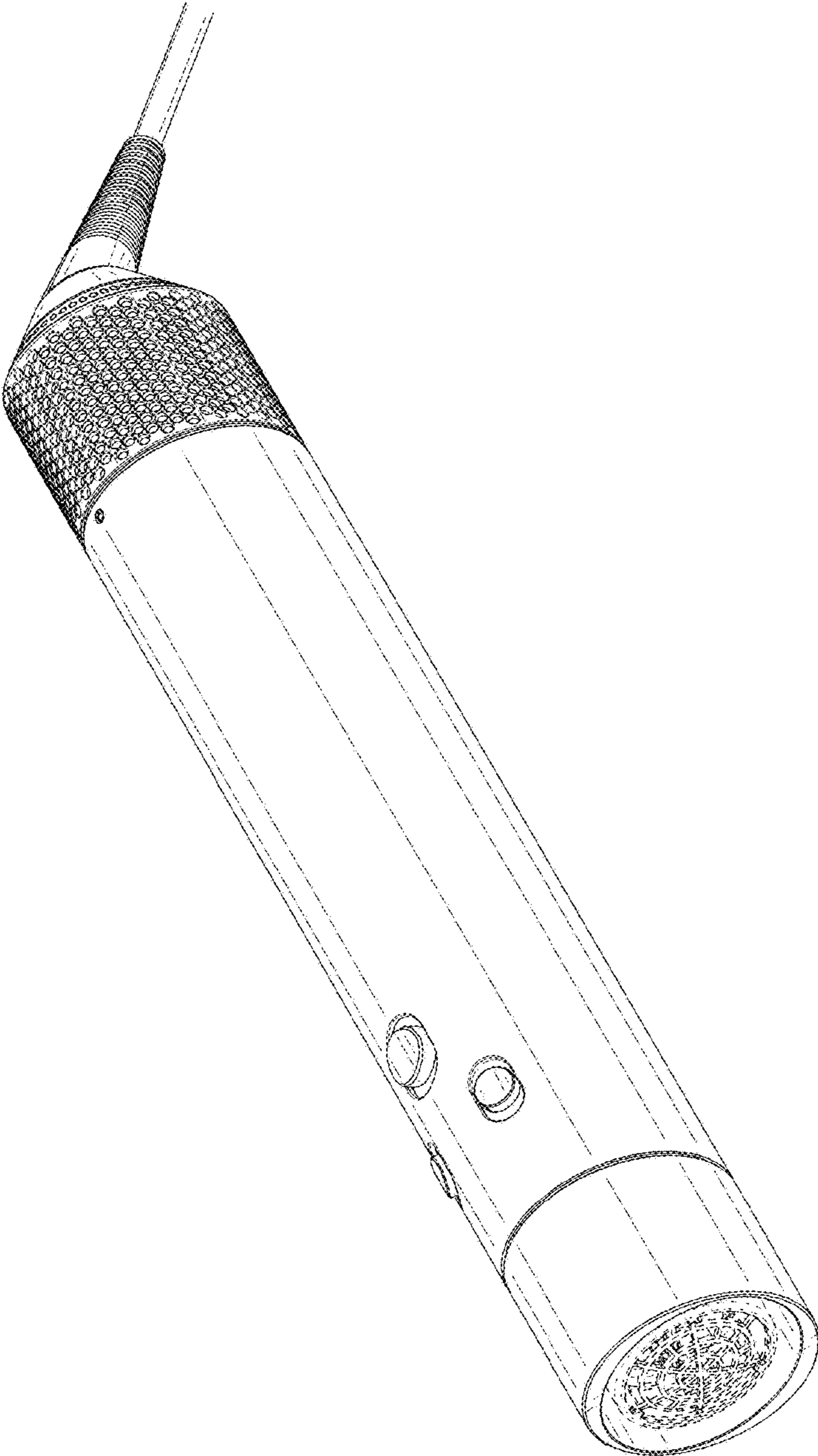


FIG. 1

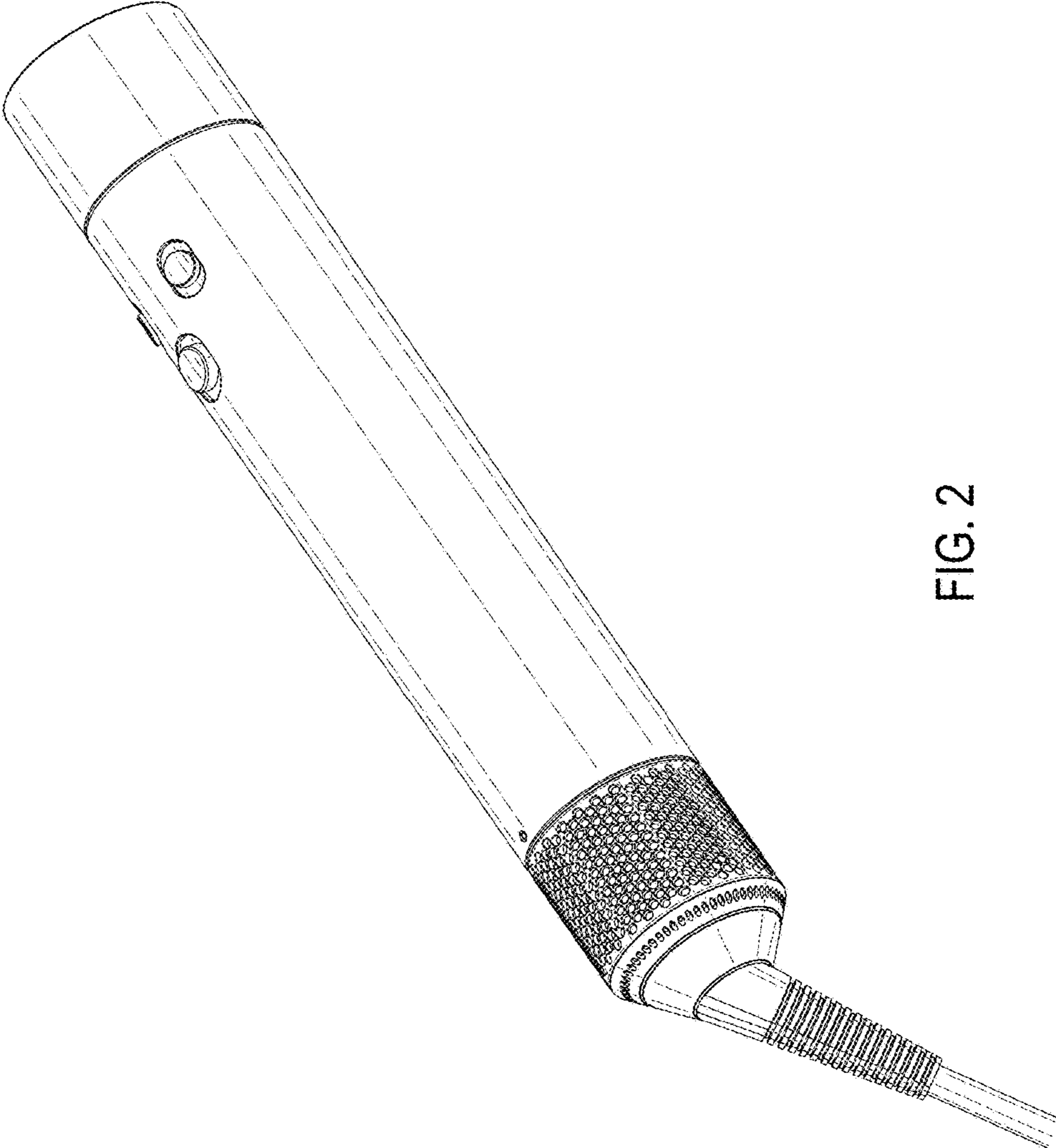


FIG. 2

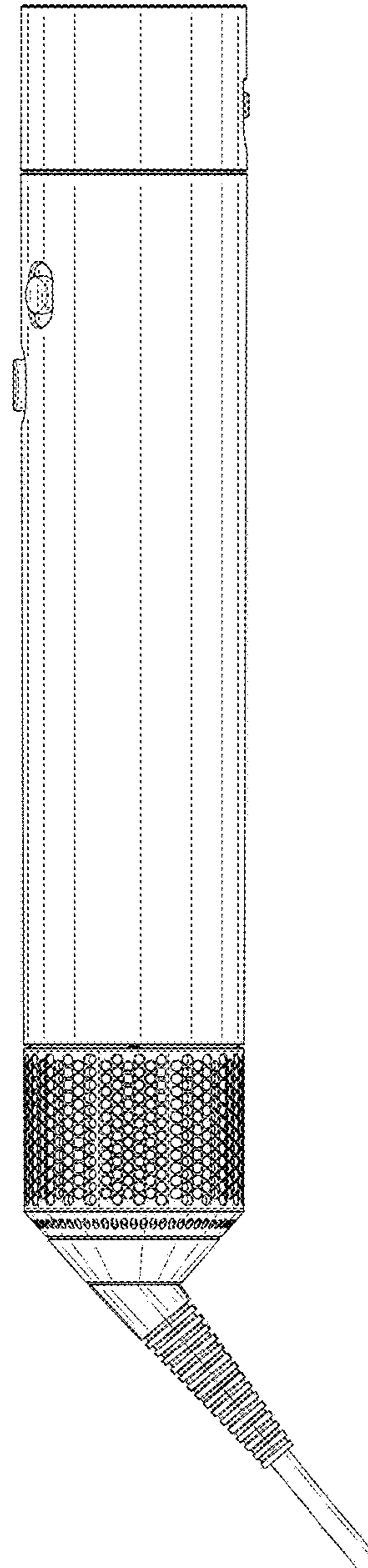


FIG. 3

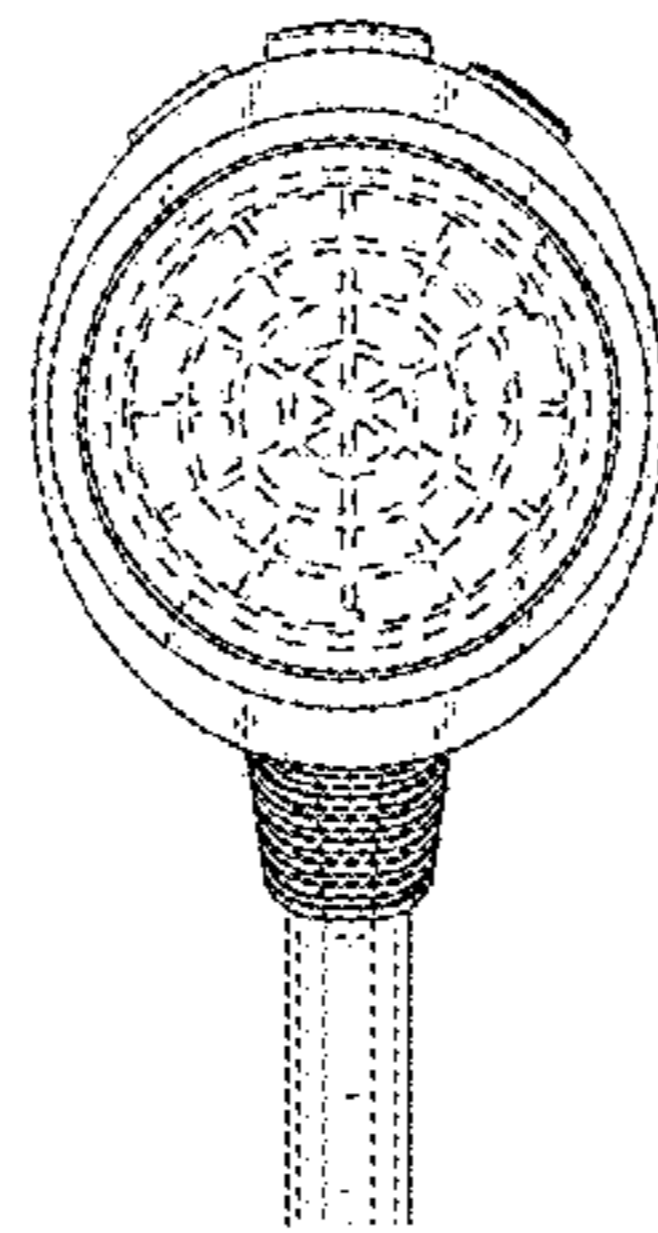


FIG. 4

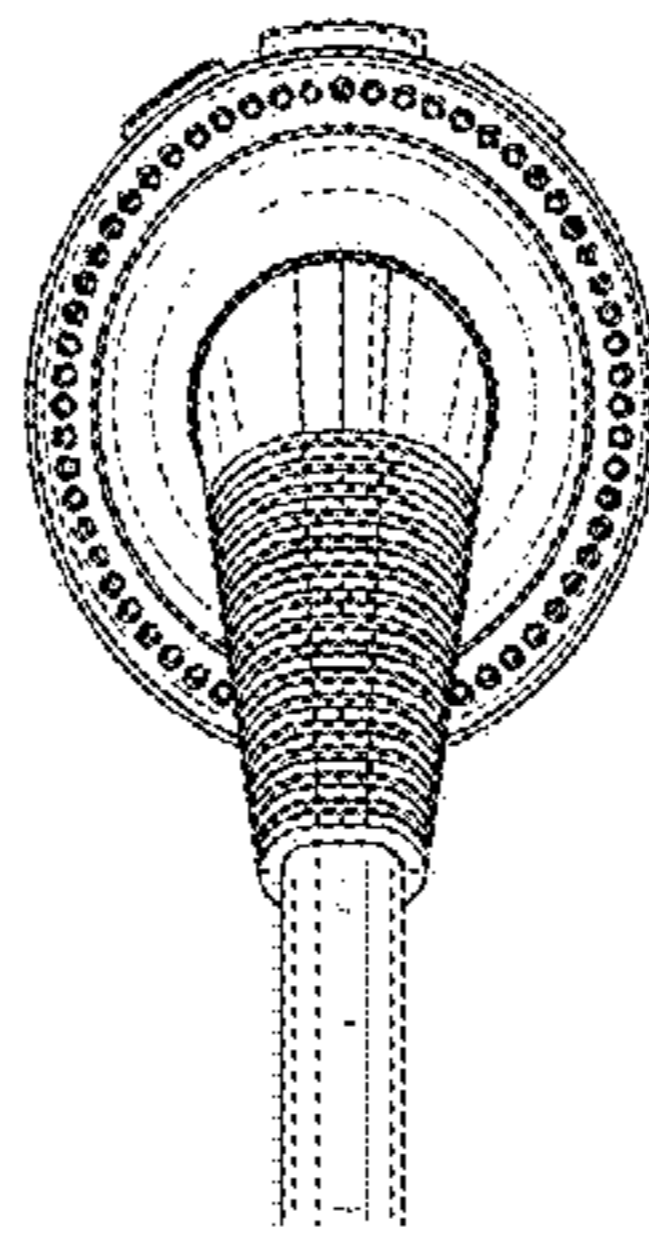


FIG. 5

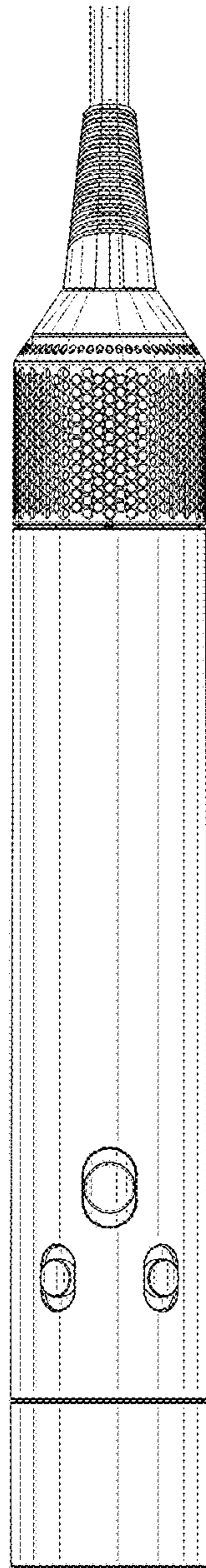


FIG. 6

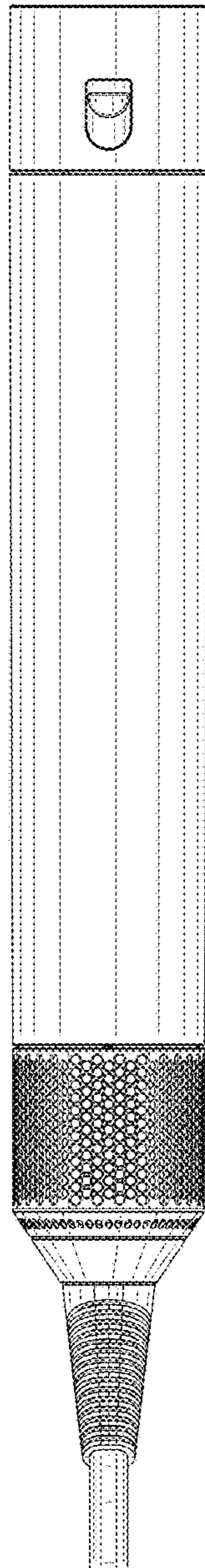


FIG. 7