



US00D887541S

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

(10) **Patent No.:** **US D887,541 S**
(45) **Date of Patent:** **** Jun. 16, 2020**

- (54) **AIR MOVING DEVICE**
- (71) Applicant: **AIRIUS IP HOLDINGS, LLC**,
Longmont, CO (US)
- (72) Inventor: **Raymond B. Avedon**, Boulder, CO
(US)
- (73) Assignee: **Airius IP Holdings, LLC**, Longmont,
CO (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/684,537**
- (22) Filed: **Mar. 21, 2019**
- (51) **LOC (12) Cl.** **23-04**
- (52) **U.S. Cl.**
USPC **D23/370**
- (58) **Field of Classification Search**
USPC D23/332, 370, 377, 378, 379, 381, 382,
D23/383, 411, 412, 413, 414; D26/59;
D15/5; D32/15
CPC F04D 25/088; F04D 29/388; F04D 29/34;
F04D 25/08; F21V 33/0096
See application file for complete search history.

- 2,154,313 A 4/1939 McMahan
- 2,189,008 A 2/1940 Kurth
- 2,189,502 A 2/1940 Johnston
- 2,232,573 A 2/1941 Teves
- 2,258,731 A 10/1941 Blumenthal
- (Continued)

FOREIGN PATENT DOCUMENTS

- AU 2013203632 11/2016
- CN 1426729 7/2003
- (Continued)

OTHER PUBLICATIONS

“The New Airius Q50 EC”, <https://web.archive.org/web/20150721185407/http://airius.com.au/technical/specification-sheets/the-new-airius-q50-ec/> as archived Jul. 21, 2015, pp. 2.

(Continued)

Primary Examiner — Janice Hallmark
(74) *Attorney, Agent, or Firm* — Knobbe Martens Olson & Bear LLP

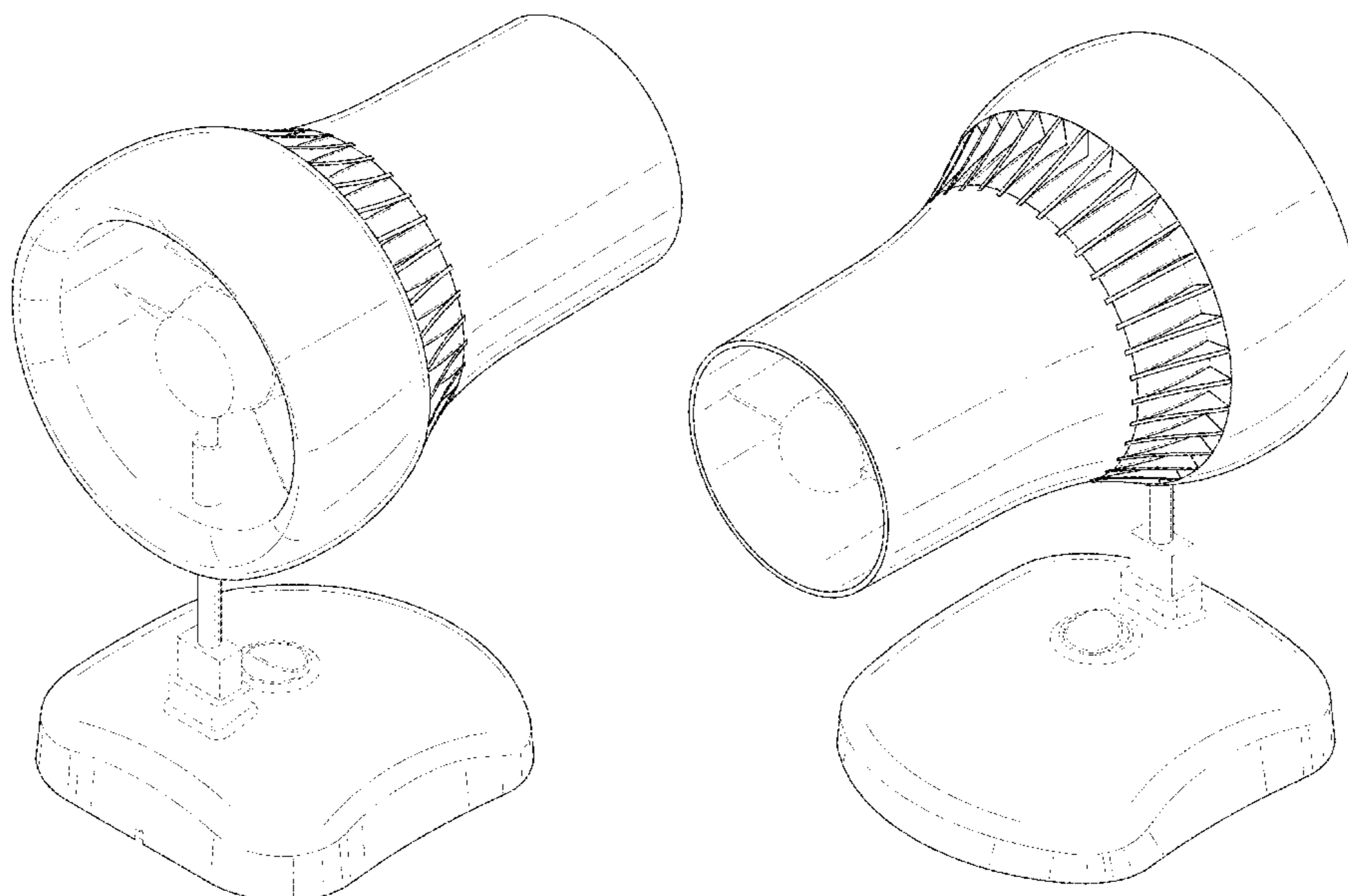
(57) **CLAIM**
The ornamental design for an air moving device, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an air moving device showing the new design;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a front side view thereof;
FIG. 4 is a rear side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The broken lines in the drawing views are included for the purpose of illustrating portions of the air moving device that form no part of the claimed design.

1 Claim, 8 Drawing Sheets

- (56) **References Cited**
- U.S. PATENT DOCUMENTS**
- 651,637 A 6/1900 Nicol
- D33,522 S 11/1900 Brinkerhoff
- 818,604 A 4/1906 Bied
- 866,292 A 9/1907 Meston
- 917,206 A 4/1909 Watts
- 1,053,025 A 2/1913 Goodwin
- 1,858,067 A 5/1932 Warren
- 1,877,347 A 9/1932 McCurdie
- 1,926,795 A 9/1933 Sassenberg
- 2,016,778 A 10/1935 Hall et al.
- 2,142,307 A 1/1939 De Mey et al.
- 2,144,035 A 1/1939 Smith, Jr.



(56)

References Cited

U.S. PATENT DOCUMENTS

8,967,983 B2 3/2015 Kampf
 8,992,174 B2 3/2015 Chang
 9,028,085 B2 5/2015 Todd, Jr.
 9,028,211 B2 5/2015 Todd, Jr.
 D733,555 S 7/2015 Brady et al.
 D739,515 S 9/2015 Johnson et al.
 9,151,295 B2 10/2015 Avedon
 D743,521 S 11/2015 Jackson
 D746,971 S * 1/2016 Avedon D23/379
 D747,453 S 1/2016 Stewart et al.
 D754,312 S 4/2016 Ellis
 D755,438 S 5/2016 Kimmet
 D756,498 S 5/2016 Norman et al.
 9,335,061 B2 * 5/2016 Avedon F24F 7/065
 D758,642 S 6/2016 Eguchi
 D768,844 S 10/2016 Koseoglu
 9,459,020 B2 10/2016 Avedon
 D775,719 S 1/2017 Smith et al.
 D777,311 S * 1/2017 Chen D23/332
 D783,795 S 4/2017 Avedon
 9,631,627 B2 4/2017 Avedon
 D788,886 S 6/2017 Salzer
 9,696,026 B1 7/2017 Hardgrave
 9,702,576 B2 7/2017 Avedon
 9,714,663 B1 7/2017 Avedon
 D798,718 S 10/2017 Foster et al.
 D799,014 S * 10/2017 Suarez D23/332
 D801,510 S 10/2017 O'Connell et al.
 D803,381 S * 11/2017 Kim D23/378
 D805,176 S * 12/2017 Avedon D23/379
 9,970,457 B2 5/2018 Avedon
 D820,967 S 6/2018 Avedon
 10,024,531 B2 * 7/2018 Avedon F21V 33/0096
 D825,090 S 8/2018 Richardson et al.
 10,184,489 B2 1/2019 Avedon
 D840,009 S * 2/2019 Suarez D23/328
 D844,128 S * 3/2019 Li D23/378
 10,221,861 B2 3/2019 Avedon
 D845,461 S * 4/2019 Li D23/370
 D845,462 S * 4/2019 Li D23/370
 10,487,852 B2 * 11/2019 Avedon F04D 29/601
 2001/0049927 A1 12/2001 Toepel
 2002/0045420 A1 4/2002 Taillon
 2002/0131865 A1 9/2002 Larzelere et al.
 2002/0137454 A1 9/2002 Baker
 2003/0092373 A1 5/2003 Kuo
 2003/0213883 A1 11/2003 Fu-Liang
 2004/0004173 A1 1/2004 Johnson
 2004/0050077 A1 3/2004 Kasai et al.
 2004/0052641 A1 3/2004 Chen
 2004/0240214 A1 12/2004 Whitlow et al.
 2004/0253095 A1 12/2004 Sasaki et al.
 2005/0045793 A1 3/2005 Johnson et al.
 2005/0077446 A1 4/2005 Bacon et al.
 2005/0092888 A1 5/2005 Gonce
 2005/0159101 A1 7/2005 Hrdina et al.
 2005/0202776 A1 * 9/2005 Avedon F04D 25/12
 454/230
 2006/0087810 A1 4/2006 Rockenfeller
 2006/0172688 A1 8/2006 Johnson
 2006/0193139 A1 8/2006 Sun et al.
 2006/0276123 A1 12/2006 Sanagi et al.
 2006/0278766 A1 12/2006 Wang
 2006/0284435 A1 12/2006 Vitito
 2007/0213003 A1 9/2007 Railkar et al.
 2007/0231145 A1 10/2007 Jin
 2007/0246579 A1 10/2007 Blateri
 2007/0297906 A1 12/2007 Wu
 2007/0297912 A1 12/2007 Reuter
 2008/0019836 A1 1/2008 Butz et al.
 2008/0061200 A1 3/2008 Bouissiere
 2008/0188175 A1 8/2008 Wilkins
 2008/0227381 A1 9/2008 Avedon
 2009/0041580 A1 2/2009 Wichmann et al.
 2009/0122516 A1 5/2009 Yang

2009/0155080 A1 6/2009 Yu
 2009/0170421 A1 7/2009 Adrian et al.
 2009/0219727 A1 9/2009 Weaver
 2009/0262550 A1 10/2009 Inoue
 2010/0009621 A1 1/2010 Hsieh
 2010/0052495 A1 3/2010 Liu et al.
 2010/0075588 A1 3/2010 Haneline
 2010/0111698 A1 5/2010 Wiedman et al.
 2010/0176706 A1 7/2010 Fu et al.
 2010/0192611 A1 8/2010 Yamaguchi et al.
 2010/0202932 A1 8/2010 Danville
 2010/0232168 A1 9/2010 Horng
 2010/0266400 A1 * 10/2010 Avedon F04D 29/544
 415/209.3
 2010/0295436 A1 11/2010 Horng et al.
 2010/0328881 A1 12/2010 Huang
 2010/0329885 A1 12/2010 Criner et al.
 2011/0037368 A1 2/2011 Huang
 2011/0057551 A1 3/2011 Lee et al.
 2011/0057552 A1 3/2011 Weaver
 2011/0080096 A1 4/2011 Dudik et al.
 2011/0084586 A1 4/2011 Lain et al.
 2011/0133622 A1 6/2011 Mo et al.
 2011/0140588 A1 6/2011 Chen
 2011/0223016 A1 9/2011 Ediger et al.
 2011/0228967 A1 9/2011 Kulchy et al.
 2012/0062095 A1 3/2012 Horng
 2012/0194054 A1 8/2012 Johnston
 2012/0195749 A1 8/2012 Avedon
 2013/0027950 A1 * 1/2013 Avedon F24F 7/065
 362/368
 2013/0111721 A1 5/2013 Mahfoudh et al.
 2013/0196588 A1 8/2013 Liao
 2014/0314560 A1 10/2014 Avedon
 2014/0348634 A1 11/2014 Bourrilhon et al.
 2015/0176834 A1 6/2015 Avedon
 2015/0354578 A1 * 12/2015 Avedon F04D 13/06
 417/53
 2016/0146222 A1 5/2016 Avedon
 2017/0370363 A1 12/2017 Avedon
 2018/0149161 A1 5/2018 Avedon
 2018/0149380 A1 5/2018 Avedon
 2018/0335049 A1 11/2018 Gu et al.
 2019/0010961 A1 1/2019 Kumaou
 2019/0011121 A1 1/2019 Avedon

FOREIGN PATENT DOCUMENTS

CN 101592328 12/2009
 CN 201560963 8/2010
 DE 44 13 542 10/1995
 DE 196 38 518 4/1998
 DE 10 2008 04487 3/2010
 EP 0 037 958 10/1981
 EP 0 212 749 3/1987
 EP 0 772 007 5/1997
 EP 2 248 692 11/2010
 FR 0 715 101 11/1931
 FR 2 784 423 4/2000
 GB 0 792 369 3/1958
 GB 0 824 390 11/1959
 GB 0 981 188 1/1965
 GB 1 251 880 11/1971
 GB 2 344 619 6/2000
 GB 2 468 504 9/2010
 JP 55-032965 3/1980
 JP 61-502267 10/1986
 JP 01-067548 3/1989
 JP 07-167097 7/1995
 JP 07-253231 10/1995
 JP 08-219939 8/1996
 JP 11-132543 5/1999
 JP 2001-193979 7/2001
 JP 2002-349489 12/2002
 JP 2006-350237 12/2006
 JP 2010-181124 8/2010
 KR 20-0176664 4/2000
 KR 2003-0025428 3/2003
 KR 10-1255739 4/2013

(56)

References Cited

FOREIGN PATENT DOCUMENTS

| | | |
|----|----------------|---------|
| RU | 2400254 C2 | 9/2010 |
| TW | M337636 | 8/2008 |
| WO | WO 01/034983 | 5/2001 |
| WO | WO 03/040572 | 5/2003 |
| WO | WO 2005/091896 | 10/2005 |
| WO | WO 2006/078102 | 7/2006 |
| WO | WO 2008/062319 | 5/2008 |
| WO | WO 2010/046536 | 4/2010 |
| WO | WO 2010/114702 | 10/2010 |
| WO | WO 2011/067430 | 6/2011 |
| WO | WO 2012/174155 | 12/2012 |
| WO | WO 2012/174156 | 12/2012 |
| WO | WO 2015/187856 | 12/2015 |
| WO | WO 2016/081693 | 5/2016 |

OTHER PUBLICATIONS

“Airius Model R20 EC ‘Eyeball’ Data Sheet”, http://airius.com.au/products/new-retail-series-2/attachment/na_sts_retailseries/ published Jun. 15, 2016 as printed May 23, 2017 in 1 page.
Keeler Hardware, “OC Oval Cylinder Escutcheon”, <https://www.keelerhardware.com.au/products/oc-oval-cylinder-escutcheon> as printed Nov. 13, 2017 in 3 pages.

* cited by examiner

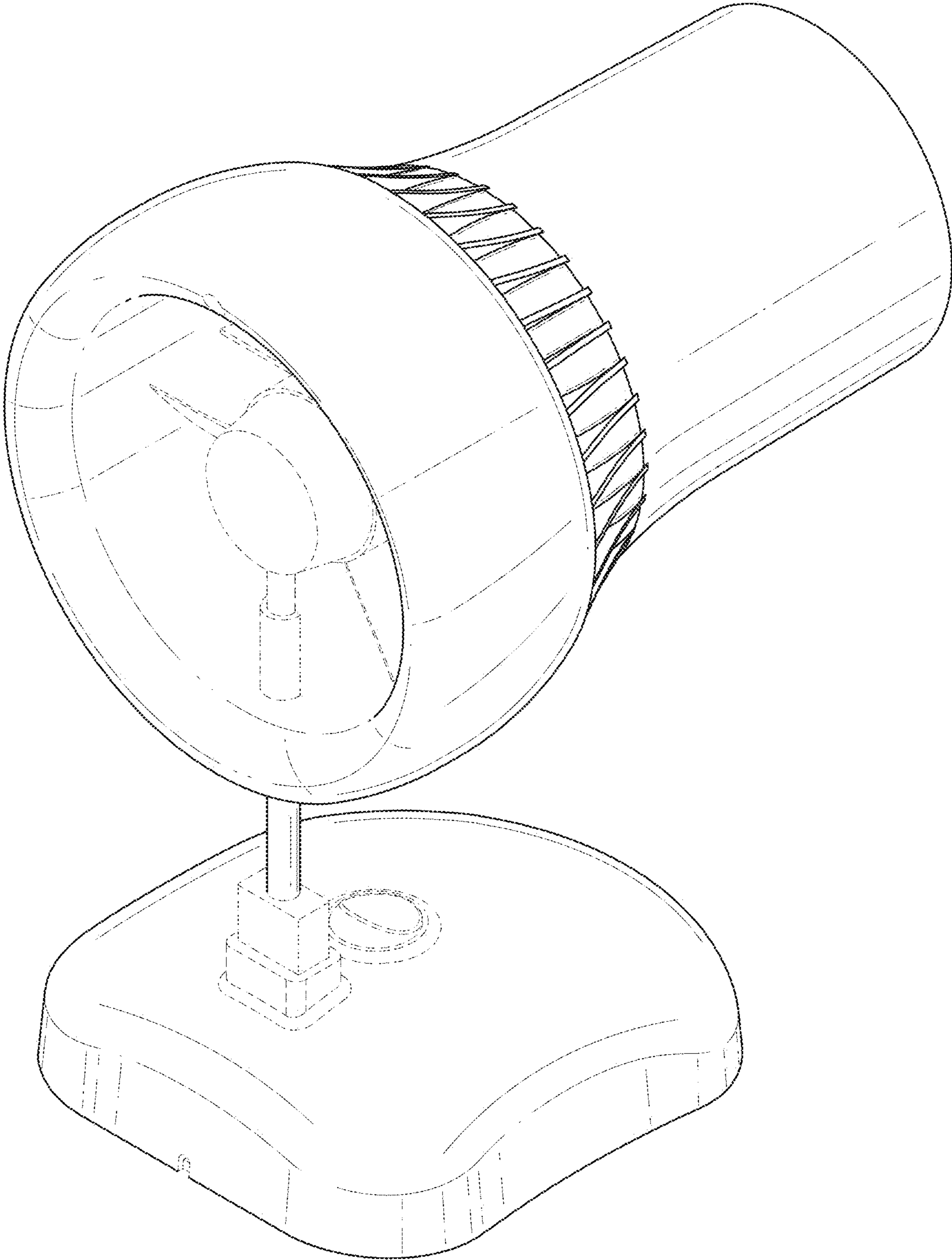


FIG. 1

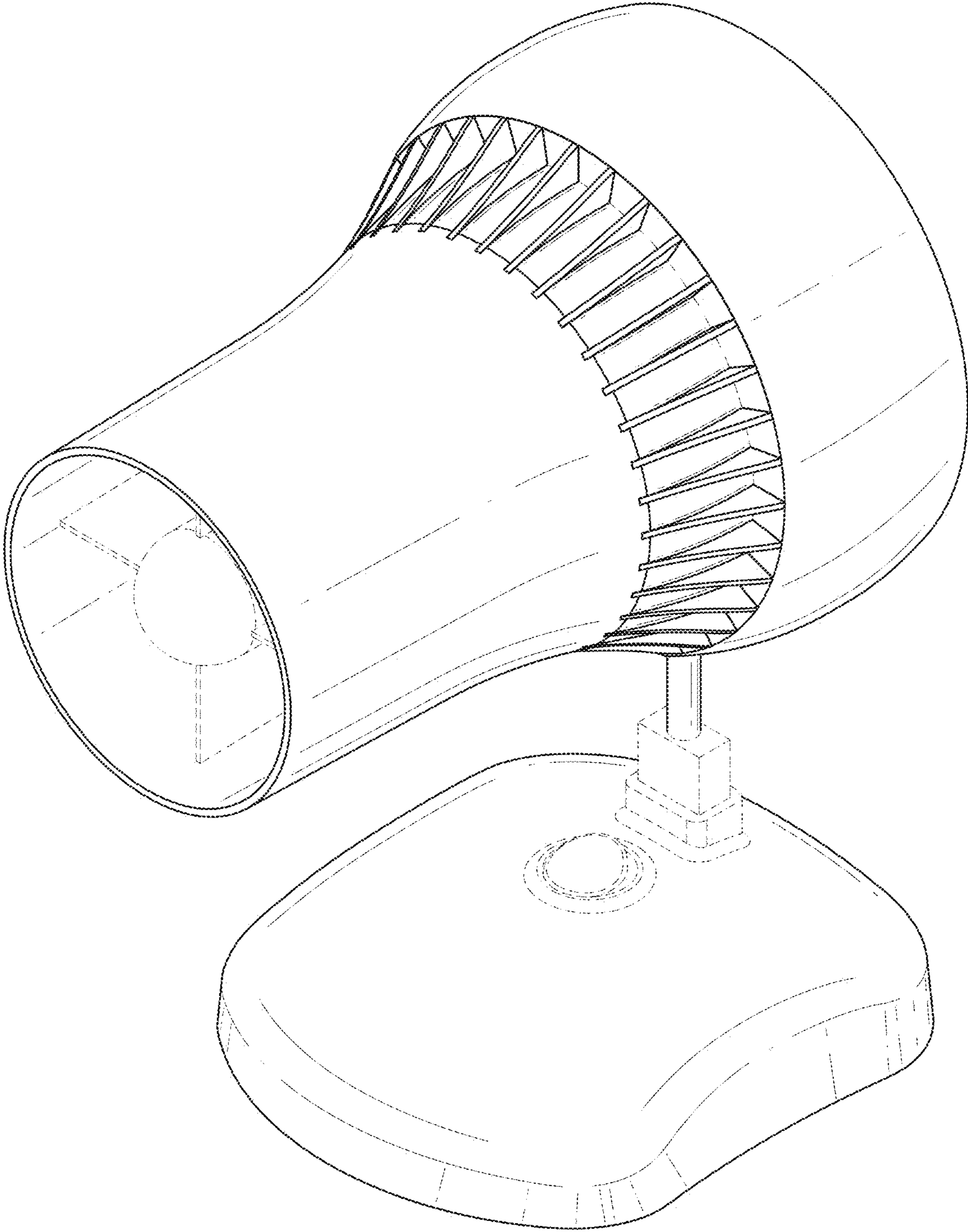


FIG. 2

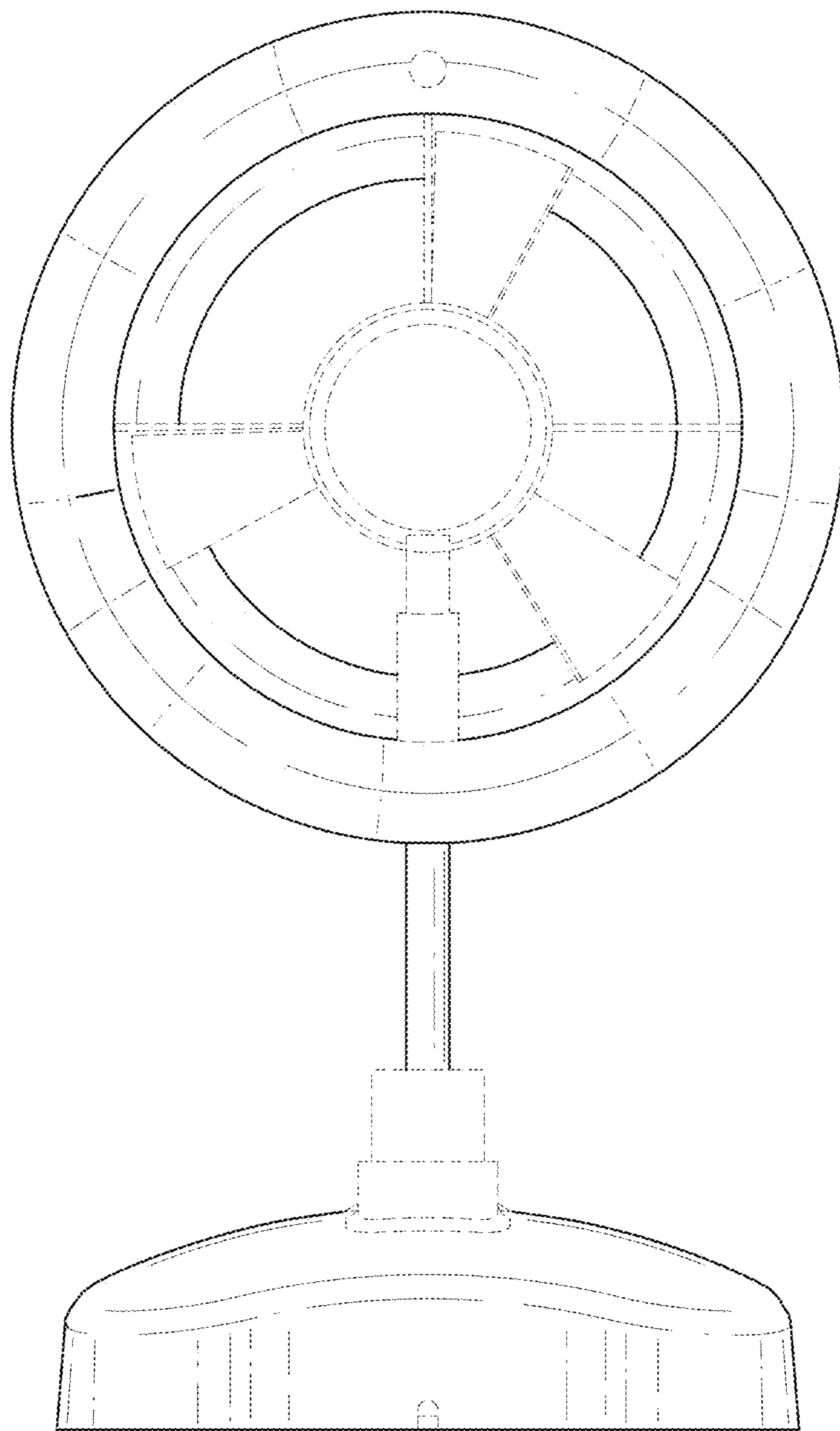


FIG. 3

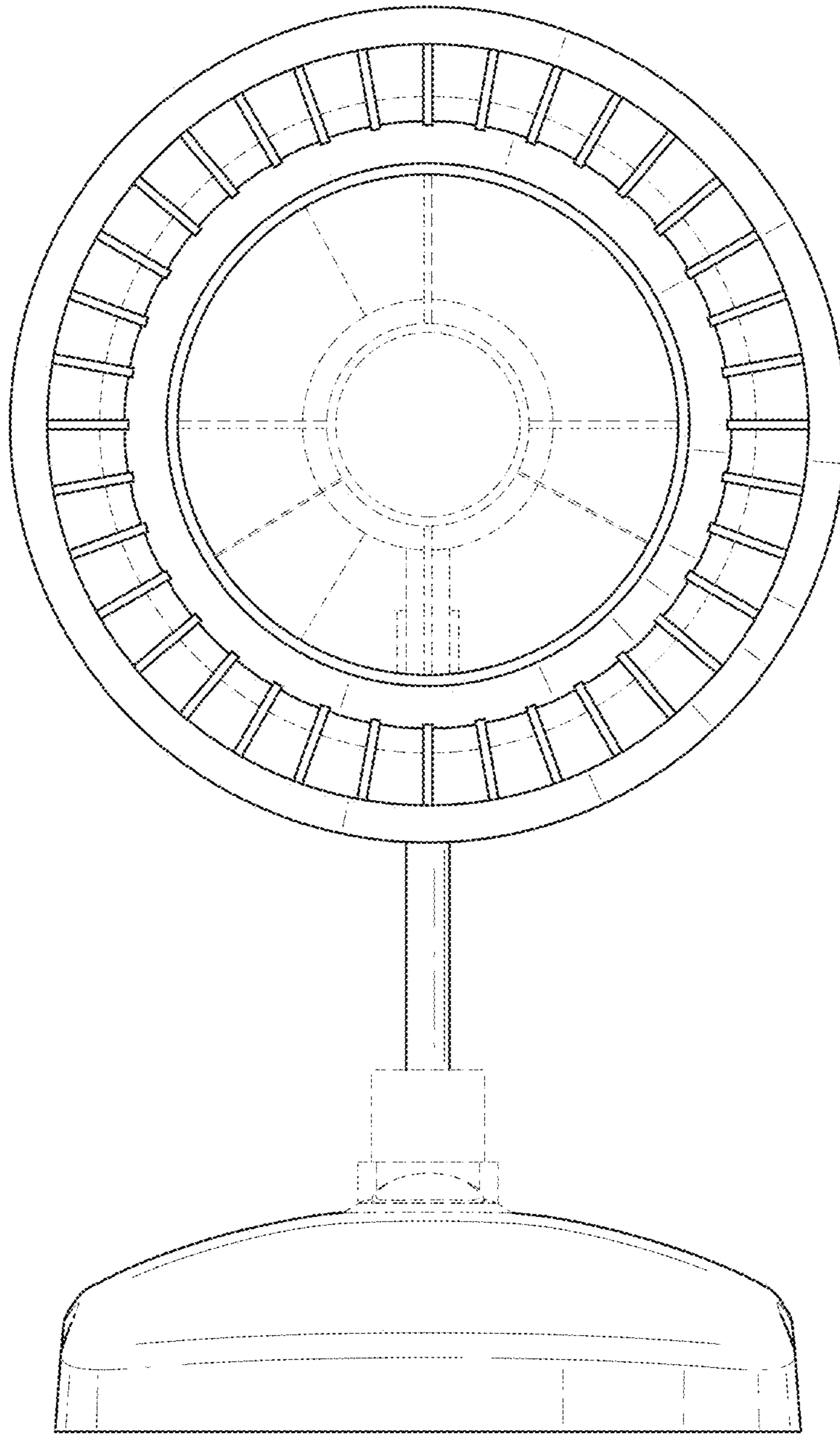


FIG. 4

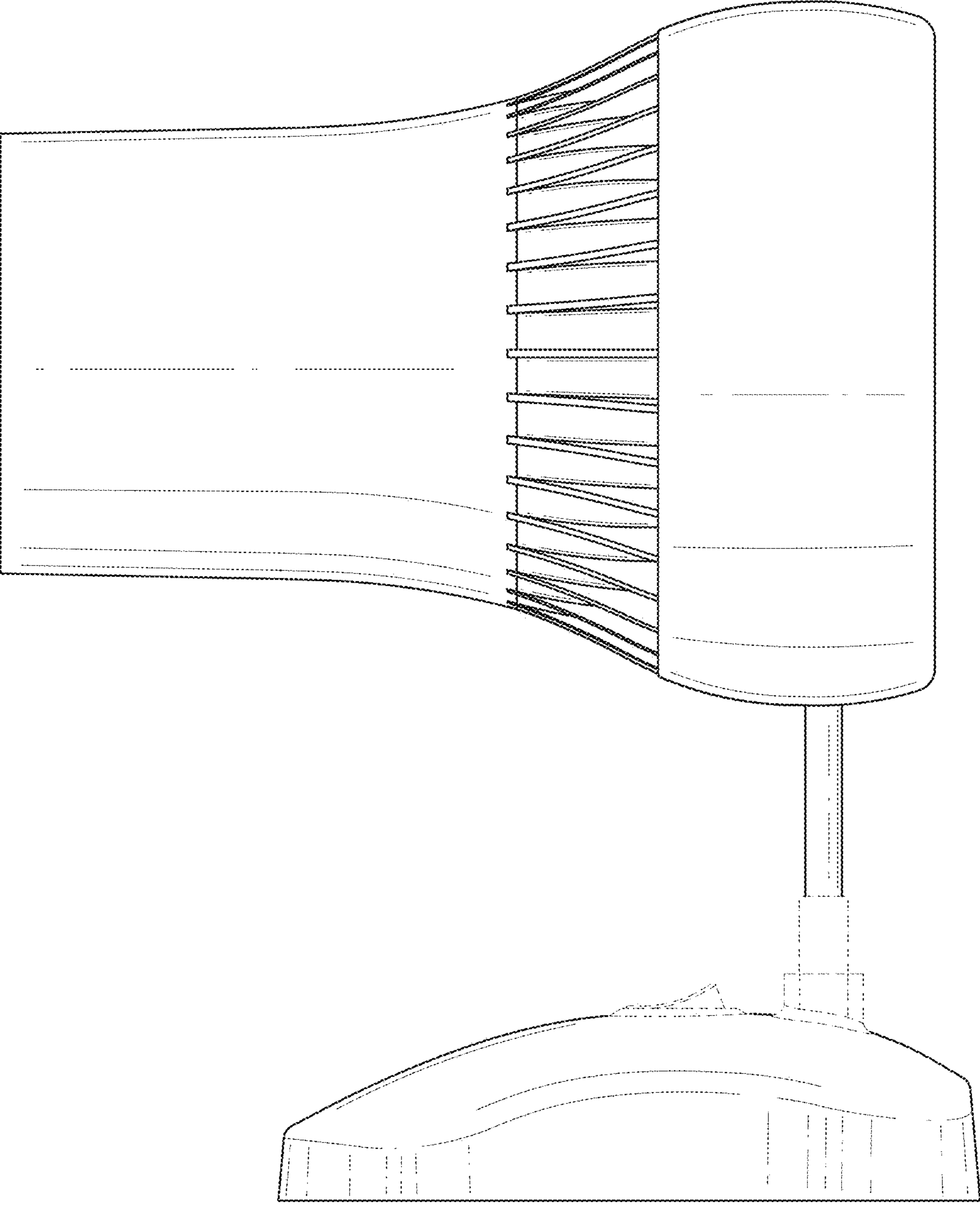


FIG. 5

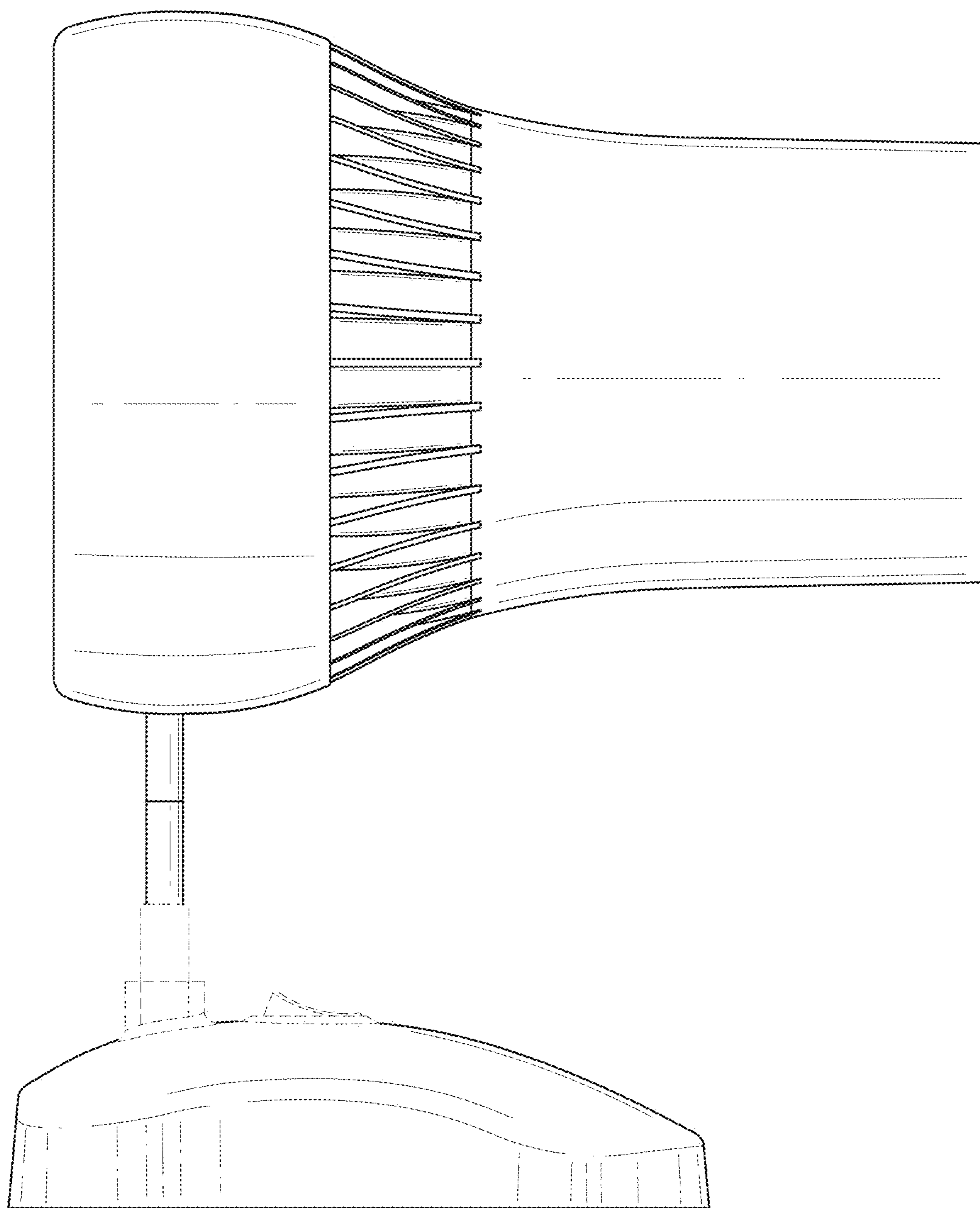


FIG. 6

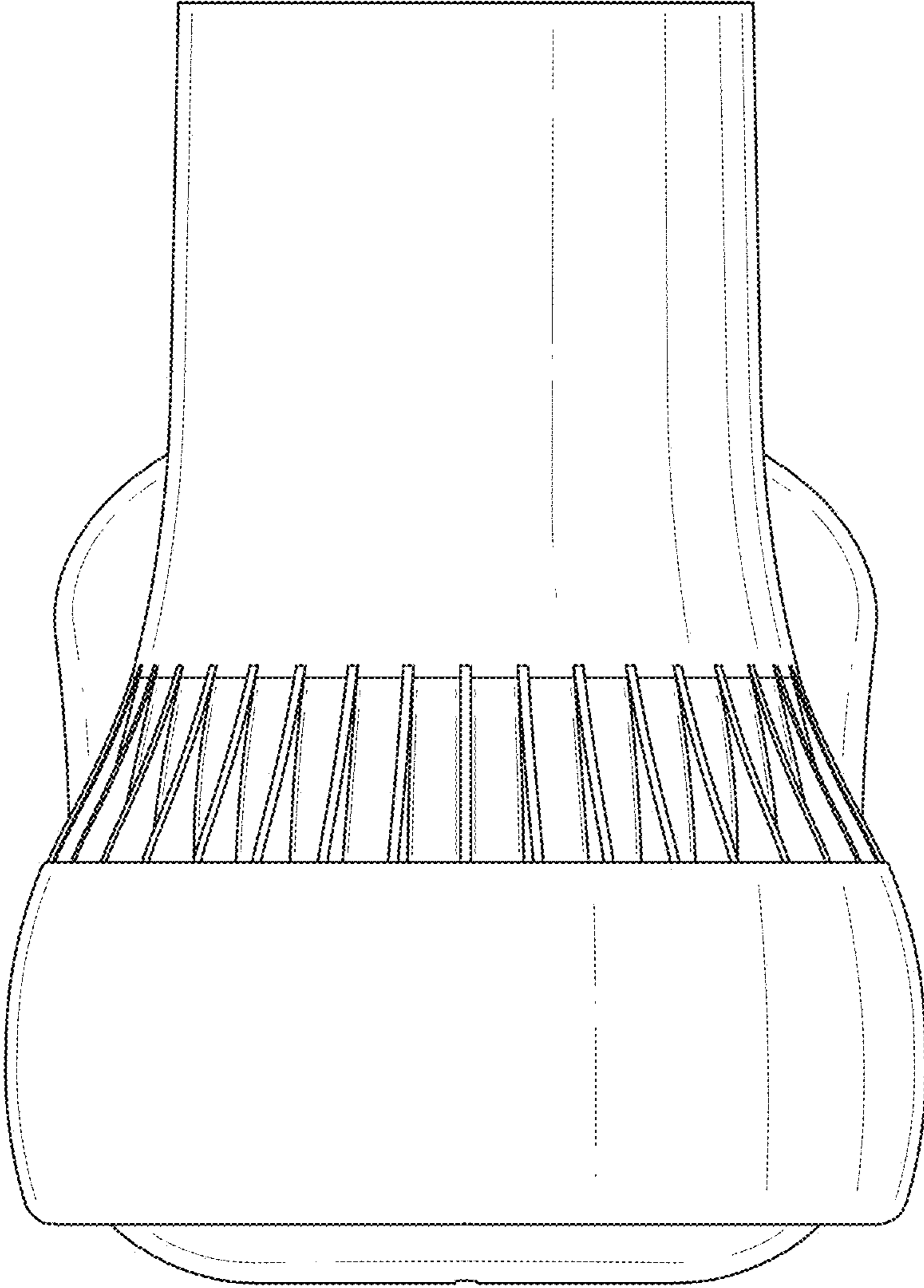


FIG. 7

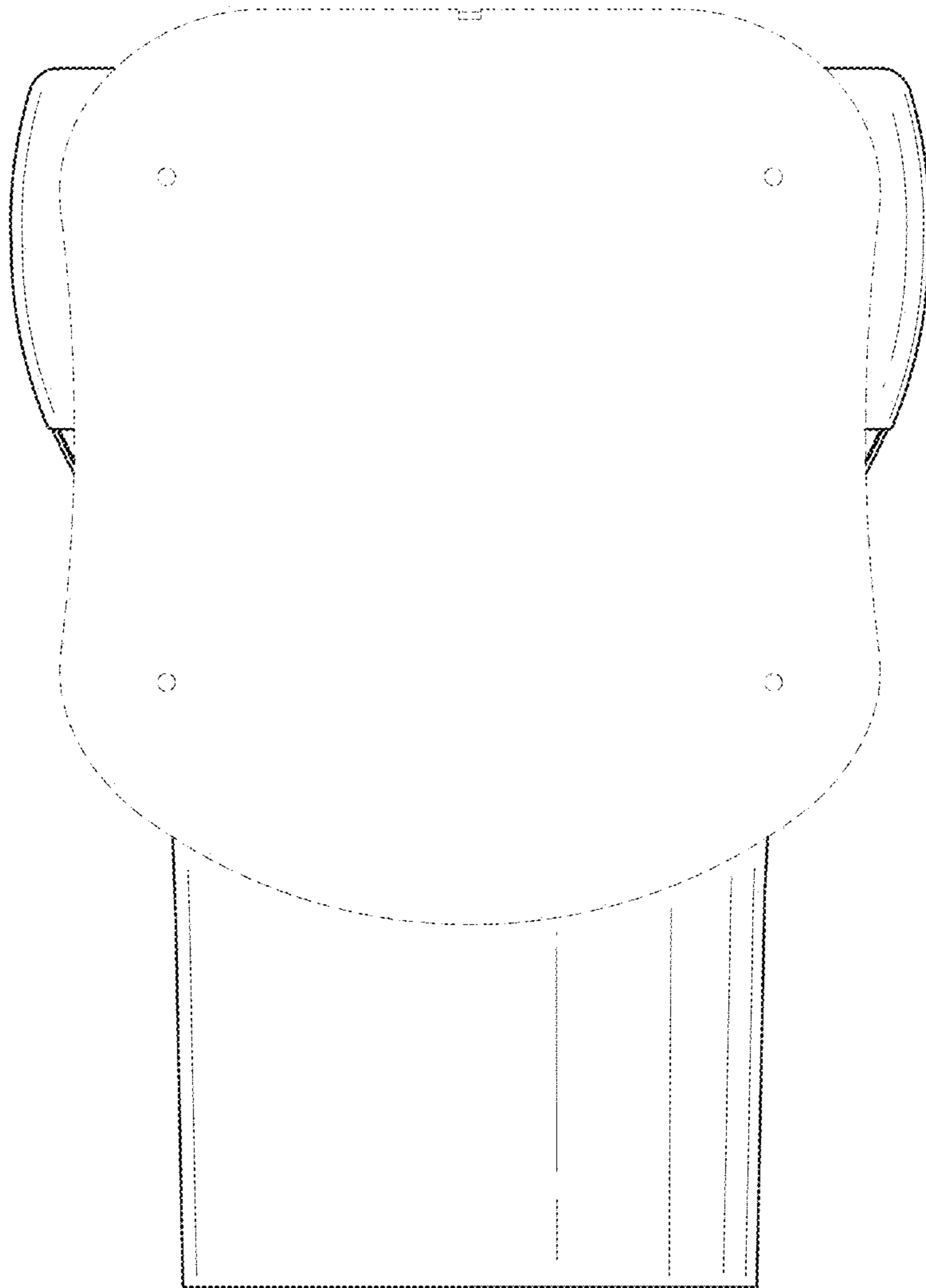


FIG. 8