



US00D881852S

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

(10) **Patent No.:** **US D881,852 S**

(45) **Date of Patent:** **** Apr. 21, 2020**

(54) **DESKTOP-TYPE MINI MICROPHONE**

(71) Applicant: **Ching-Wen Chen**, Taipei (TW)

(72) Inventor: **Ching-Wen Chen**, Taipei (TW)

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

(21) Appl. No.: **29/671,489**

(22) Filed: **Nov. 28, 2018**

(51) **LOC (12) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/227**

(58) **Field of Classification Search**
USPC D14/227, 225, 229, 149, 156, 158, 159,
D14/214, 432, 433, 435, 192, 169, 187,
D14/188; D26/142, 93; 248/159;
403/327; 411/508; 379/428.01, 428.04,
379/431, 433.03; 381/363, 361, 362, 365,
381/368, 122, 375; 455/90.3, 575.1,
455/569.1

CPC H04R 25/00; H04R 9/08; H04R 11/04;
H04R 19/04; F16M 13/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,558,278 A * 6/1951 Stone H04R 1/026
181/194
- D170,545 S * 10/1953 Palo D14/227
- D178,541 S * 8/1956 Schell D14/227
- 3,153,123 A * 10/1964 Harman H04R 1/08
381/363
- 3,562,446 A * 2/1971 Wolf F16M 13/00
381/362
- 3,718,862 A * 2/1973 Norris H04B 5/06
455/95
- D247,707 S * 4/1978 Armstrong D14/228
- D283,891 S * 5/1986 Parshad D14/228
- D286,478 S * 11/1986 Oakes, Jr. D6/673

- D296,100 S * 6/1988 Kubota D14/228
- D302,819 S * 8/1989 Kubota D14/228
- 4,853,965 A * 8/1989 Blonski F16M 11/10
381/363
- D327,480 S * 6/1992 Soren D14/229
- D357,481 S * 4/1995 Giuntoli D14/227
- D365,564 S * 12/1995 Luther D14/227
- 5,497,965 A * 3/1996 Mathieu, Jr. F16M 11/041
248/159
- D368,719 S * 4/1996 Luther D14/227
- D371,784 S * 7/1996 Gertz D14/159
- D375,749 S * 11/1996 Chiang D14/227
- D379,185 S * 5/1997 Luther D14/227
- 5,675,660 A * 10/1997 Townsend H04R 1/086
381/189
- D393,643 S * 4/1998 Chiang D14/227
- D395,894 S * 7/1998 Hern D14/227
- D397,120 S * 8/1998 Liou D14/229

(Continued)

FOREIGN PATENT DOCUMENTS

- CN 304829563 * 9/2018
- CN 304926605 * 12/2018

Primary Examiner — Paula Allen Greene

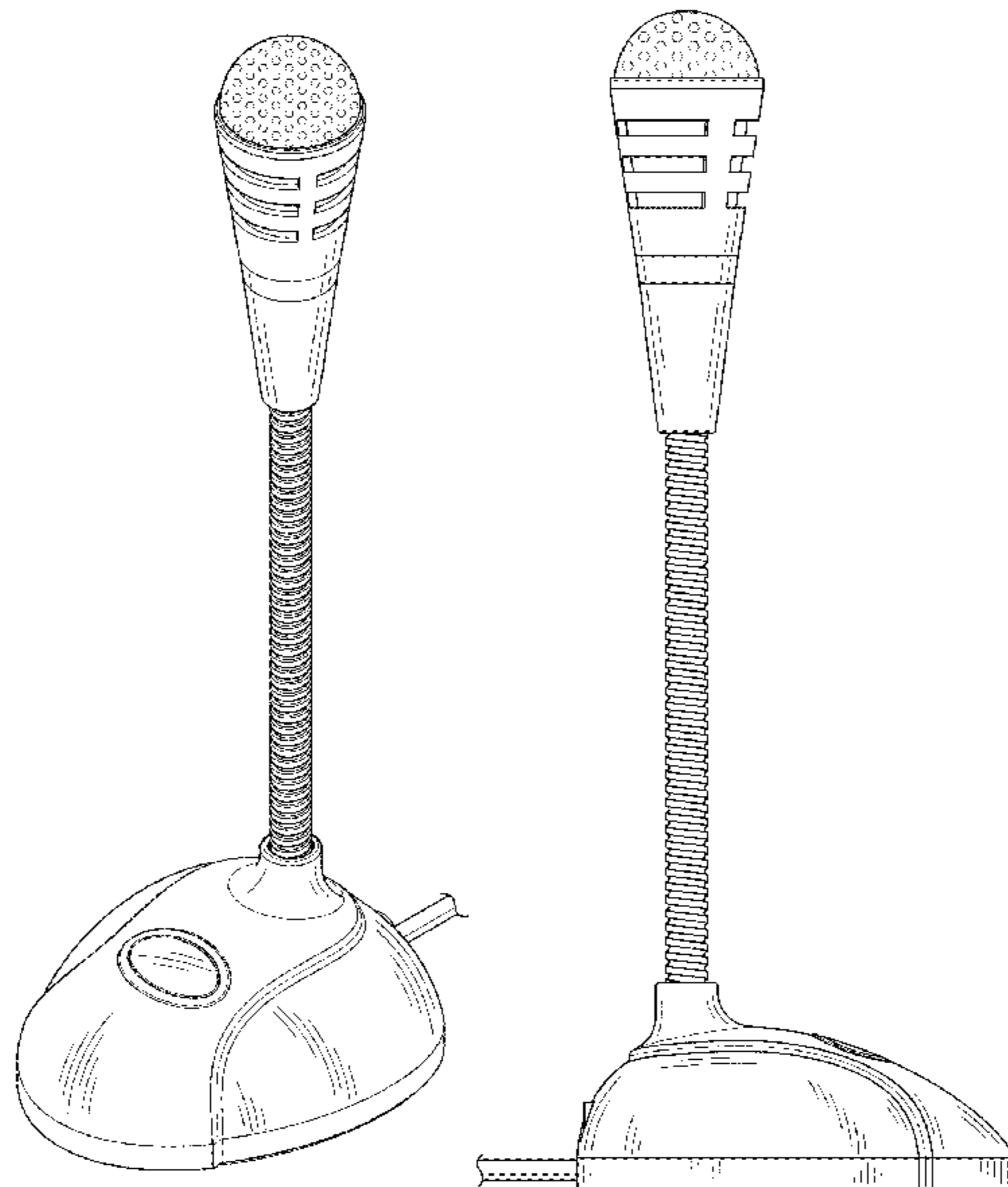
(57) **CLAIM**

The ornamental design for a desktop-type mini microphone, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a desktop-type mini microphone showing my new design; and
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a left elevational side view thereof;
 FIG. 5 is a right elevational side view thereof;
 FIG. 6 is a top elevational view thereof; and,
 FIG. 7 is a bottom elevational view thereof.
 The bottom part of the cable is drawn broken away in the Figures for ease of illustration.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,799,096 A * 8/1998 Liao H04R 1/083
 381/355
 5,805,709 A * 9/1998 Liou H04R 1/08
 381/355
 D405,903 S * 2/1999 Lin D26/63
 5,893,541 A * 4/1999 Michaelson F16M 11/041
 248/158
 D416,868 S * 11/1999 Tsai D13/147
 D442,570 S * 5/2001 Arjomand D14/160
 D459,463 S * 6/2002 Chura D23/411
 6,597,796 B2 * 7/2003 Chang H04R 1/08
 338/178
 D493,441 S * 7/2004 Sabick D14/149
 6,836,676 B2 * 12/2004 Lloyd H04M 1/6041
 379/420.01
 D504,678 S * 5/2005 Ruhrig D14/228
 7,103,392 B2 * 9/2006 Fletcher H04M 1/725
 379/159
 D533,166 S * 12/2006 Marquez D14/225

D534,151 S * 12/2006 Marquez D14/158
 D550,895 S * 9/2007 Huang D26/142
 D552,076 S * 10/2007 Griffin D14/188
 7,330,559 B2 * 2/2008 Akino F16L 27/10
 381/361
 D574,834 S * 8/2008 Chen D14/432
 7,412,069 B2 * 8/2008 Workman H04R 1/08
 381/363
 D584,295 S * 1/2009 Kellar D14/228
 D620,482 S * 7/2010 Chen D14/225
 D651,192 S * 12/2011 Timmer D14/159
 D656,130 S * 3/2012 Bailey D14/227
 D703,617 S * 4/2014 Janky D13/154
 D715,778 S * 10/2014 Yilin D14/227
 D718,748 S * 12/2014 Pan D14/159
 D725,086 S * 3/2015 Giczy D14/149
 D729,779 S * 5/2015 Cavero D14/227
 D746,269 S * 12/2015 Chen D14/227
 D818,966 S * 5/2018 Paterson D13/153
 2003/0134666 A1 * 7/2003 Fletcher H04M 1/725
 455/575.2

* cited by examiner

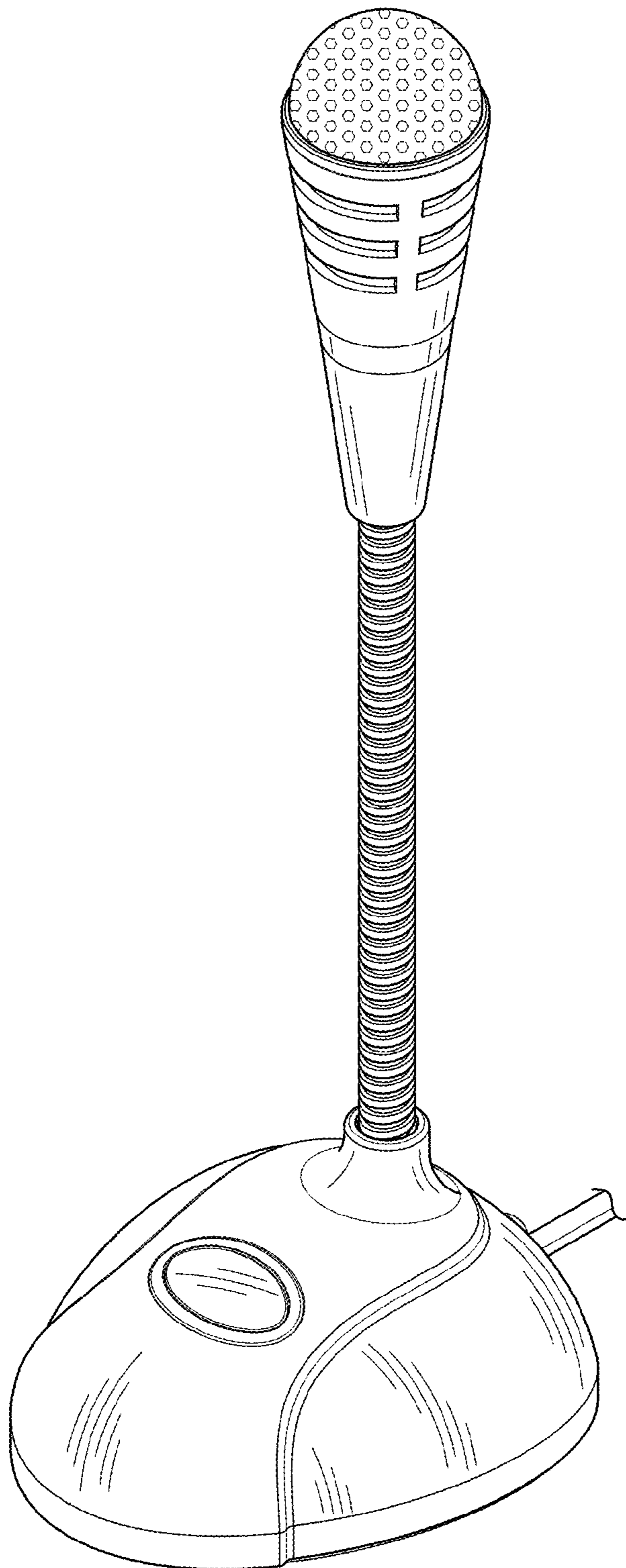


Fig. 1

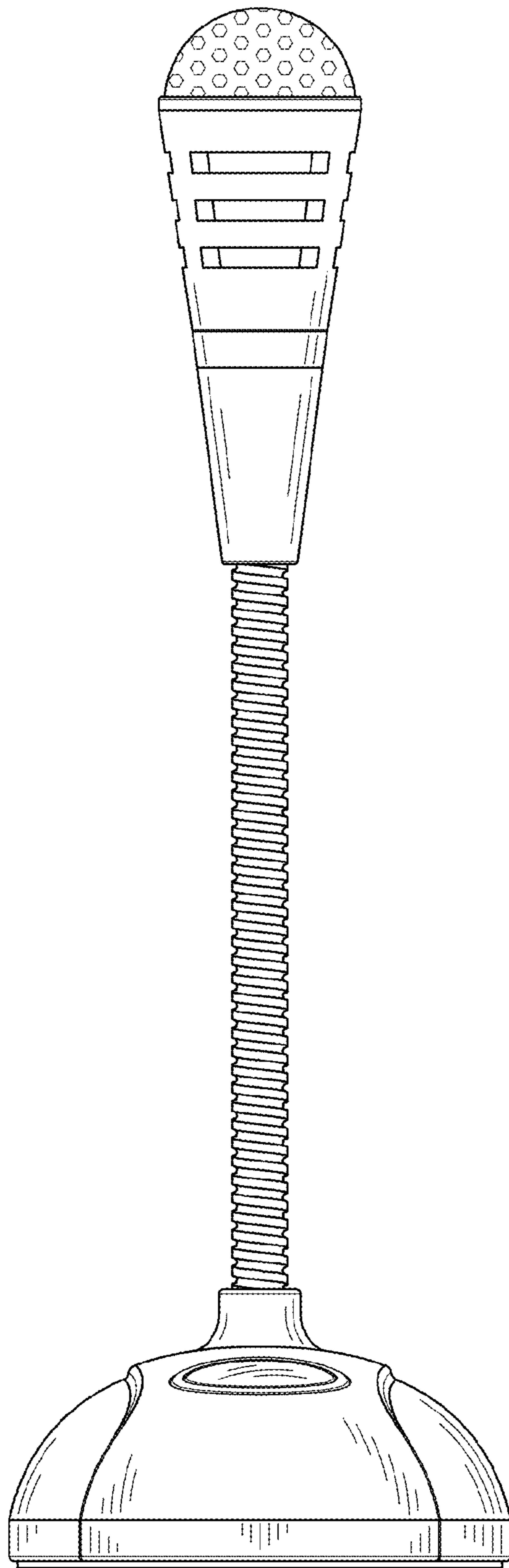


Fig. 2

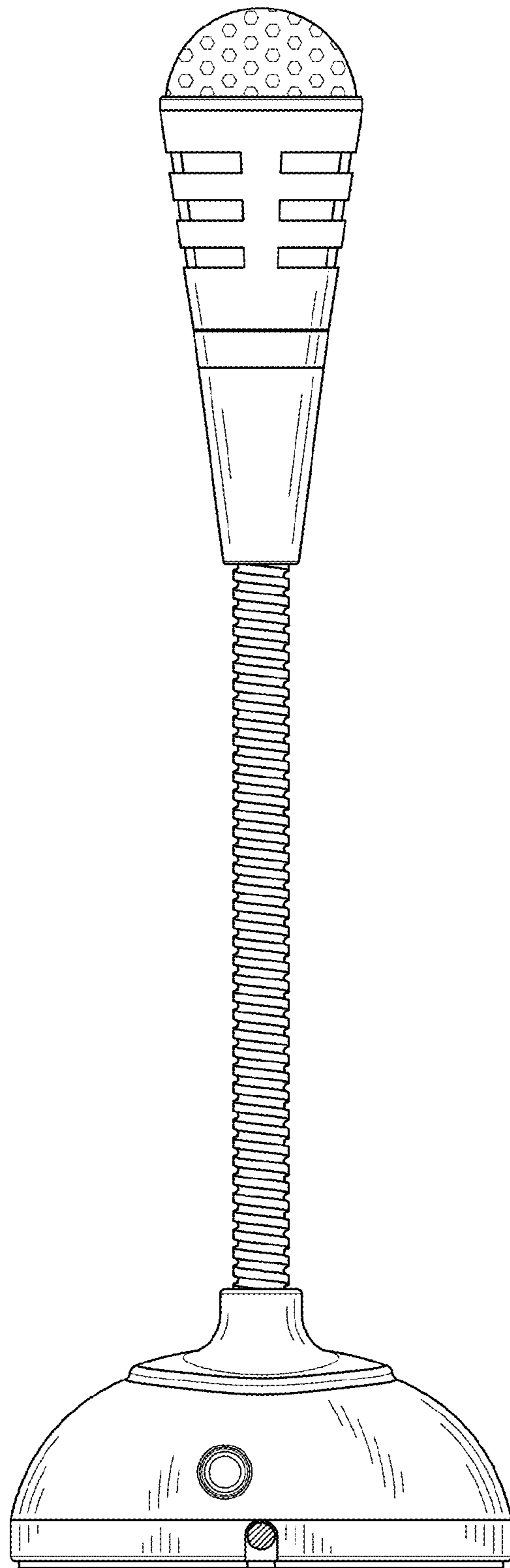


Fig. 3

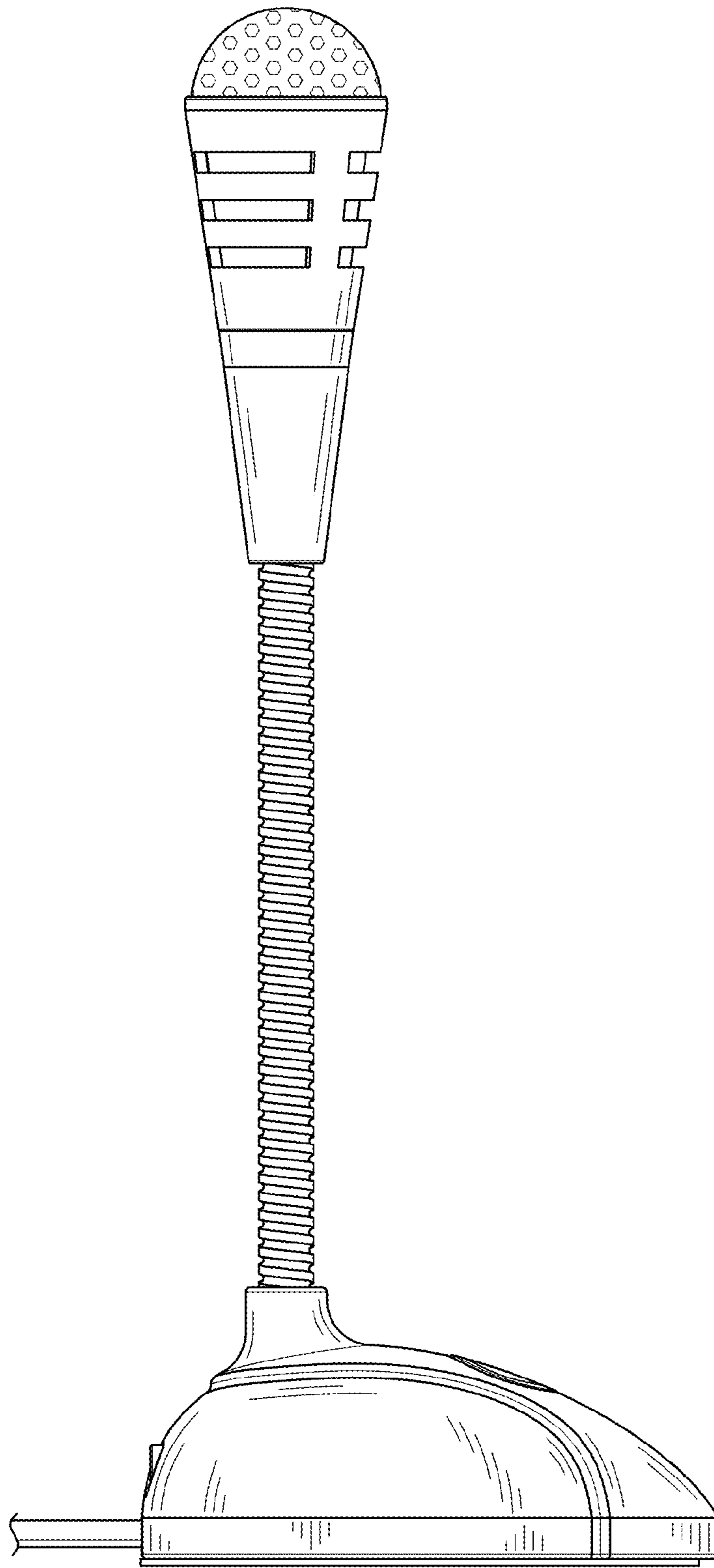


Fig. 4

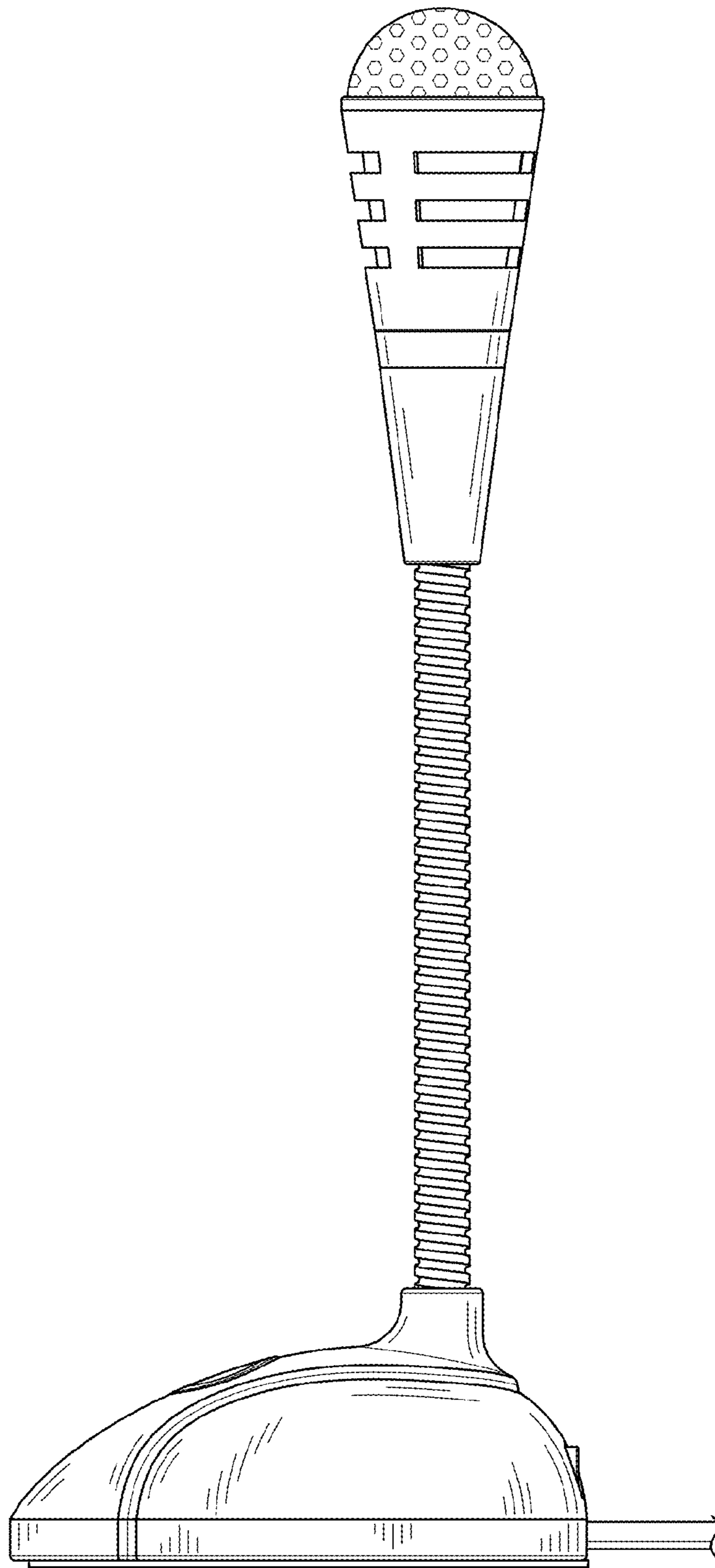


Fig. 5

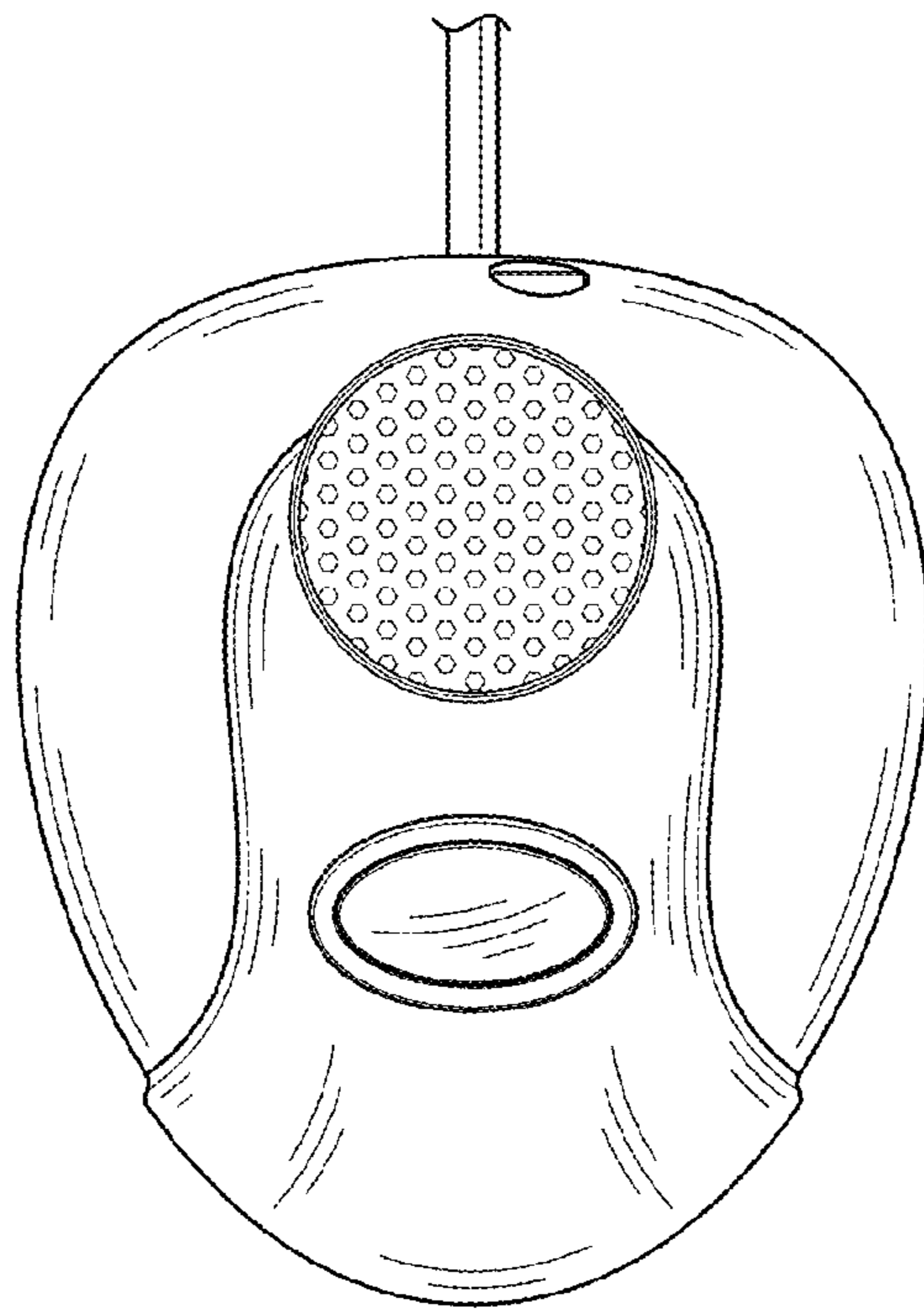


Fig. 6

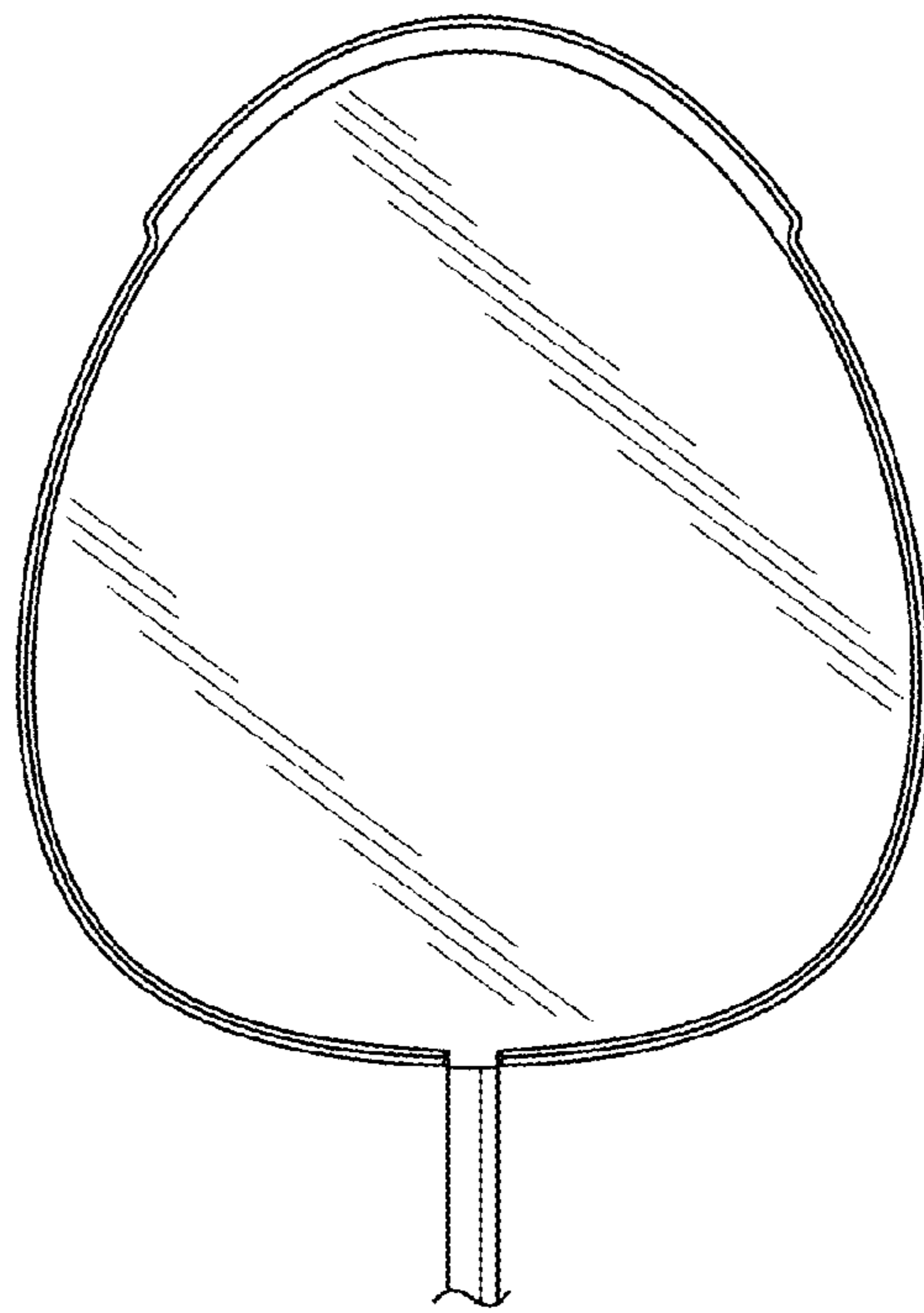


Fig. 7