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

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(54) **WIRELESS EARPHONE**

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

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

(52) **U.S. Cl.**
USPC **D14/223**

(58) **Field of Classification Search**
USPC D14/223, 205; D24/174; 128/864, 865, 128/866, 868; 181/129, 130, 135; 379/430, 431, 444; 381/380, 381, 321, 381/372, 374, 375, 376, 328, 382, 330; 455/90.3, 575.1, 569.1
CPC H04R 1/10; H04R 25/00; H04R 25/02; H04R 1/1016; H04R 1/1066; H04R 1/105; H04R 1/1091; H04R 1/1083
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,893,143 A * 1/1933 Koch H04R 25/60
181/135

1,953,437 A * 4/1934 Schier A61F 11/00
181/135

4,048,453 A * 9/1977 Seidel H04M 1/05
379/430

4,055,233 A * 10/1977 Huntress A61B 7/02
181/135

4,453,050 A * 6/1984 Enokido H04R 1/1066
381/330

D388,093 S * 12/1997 Frengley D14/223

5,790,683 A * 8/1998 Salzani H04R 1/1066
381/370

D419,564 S * 1/2000 McDonald D14/223

D441,739 S * 5/2001 Hayes D14/223

D449,295 S * 10/2001 Smith D14/142

D469,755 S * 2/2003 Hlas D14/223

D470,122 S * 2/2003 Hlas D14/205

D470,123 S * 2/2003 Hlas D14/205

D470,128 S * 2/2003 Hlas D14/205

D471,537 S * 3/2003 Ham D14/223

D478,573 S * 8/2003 Wisley D14/223

6,690,807 B1 * 2/2004 Meyer G02C 5/143
2/12

D494,568 S * 8/2004 Pan D14/206

6,772,853 B2 * 8/2004 Yang H04R 1/1066
181/129

D505,132 S * 5/2005 Linville D14/223

(Continued)

FOREIGN PATENT DOCUMENTS

CN 305285944 * 8/2019

CN 305452967 * 11/2019

(Continued)

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(57) **CLAIM**

The ornamental design for a wireless earphone, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a wireless earphone showing my new design;

FIG. 2 is another perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

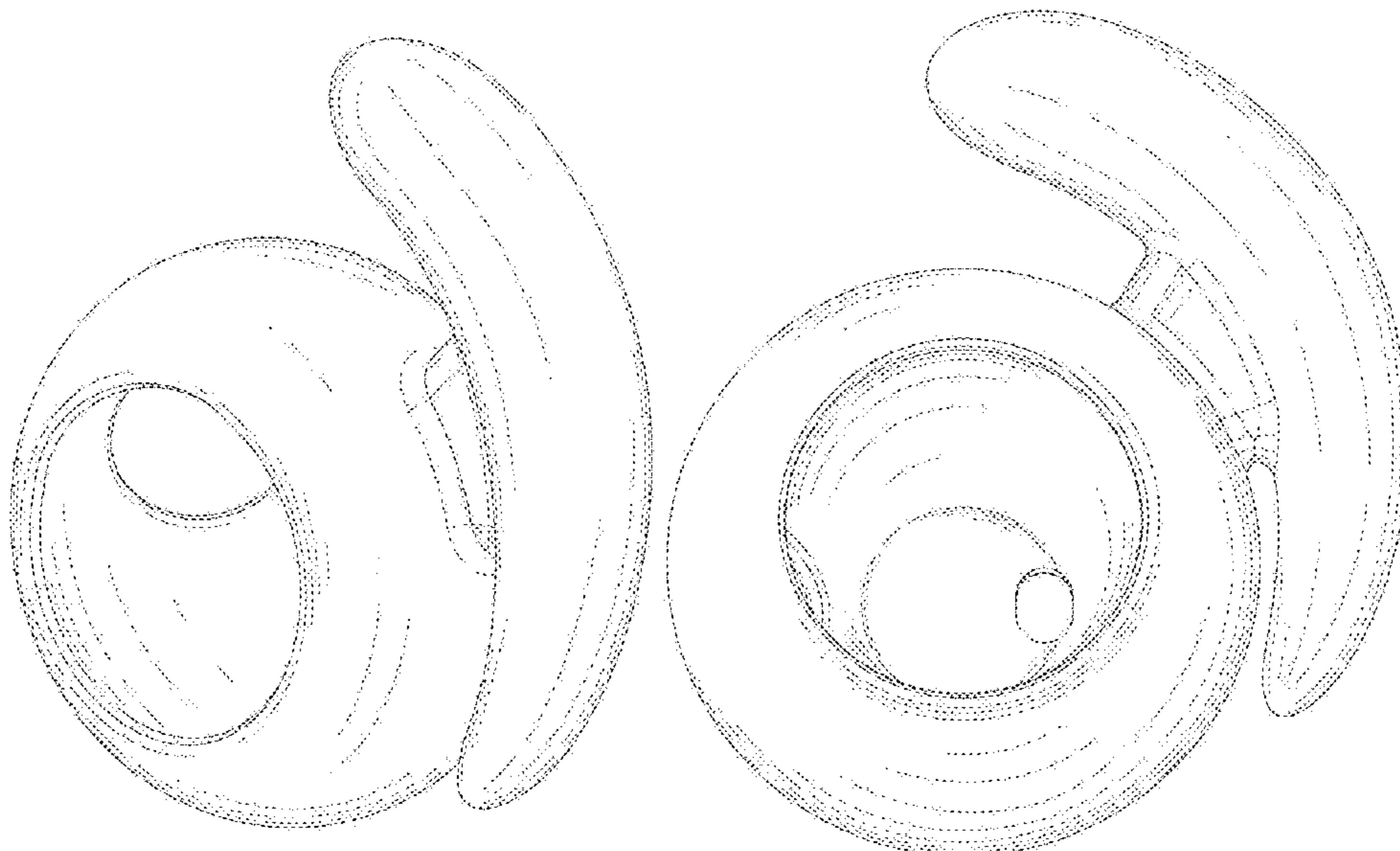
FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a bottom plan view thereof.

1 Claim, 8 Drawing Sheets



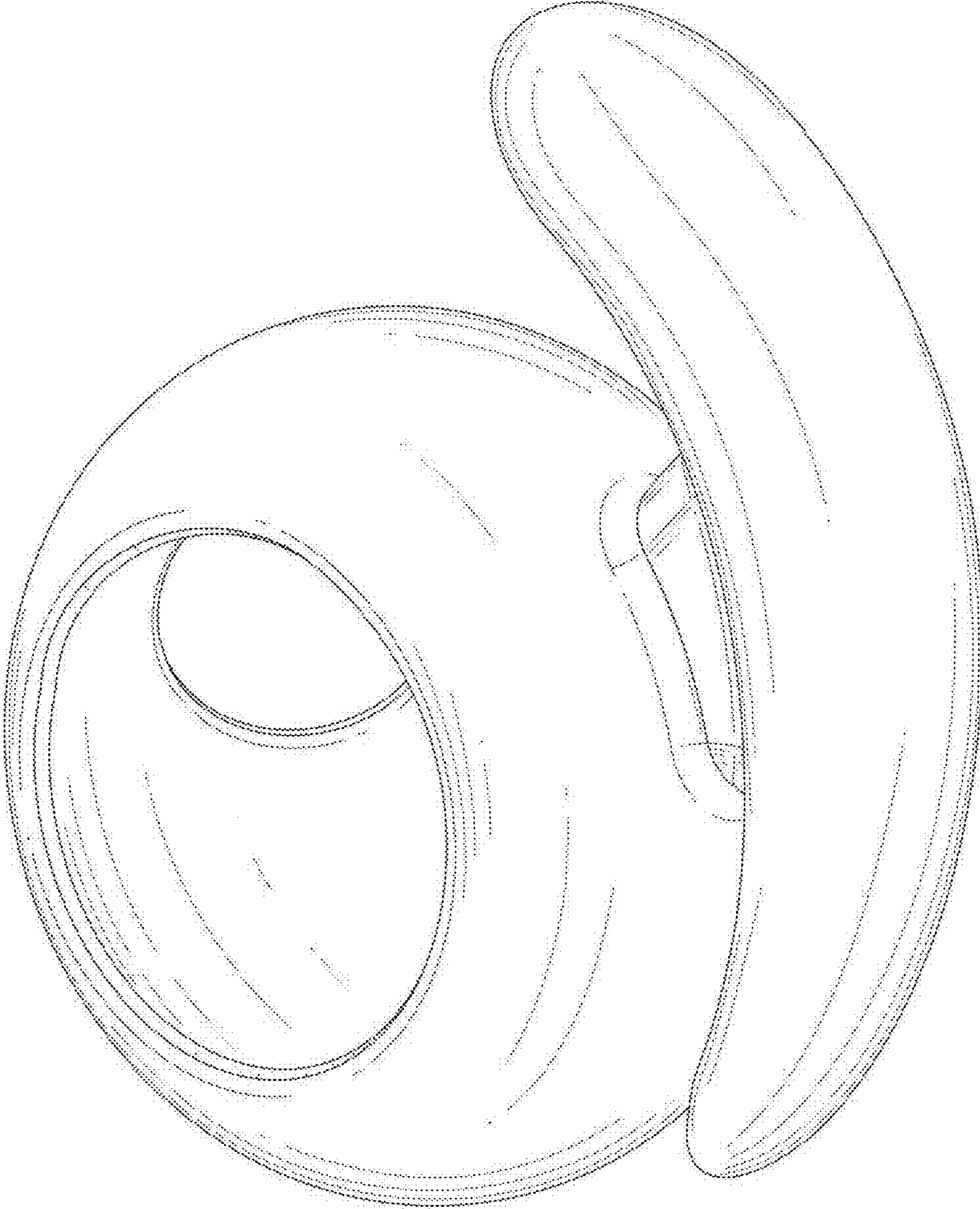


Fig. 1

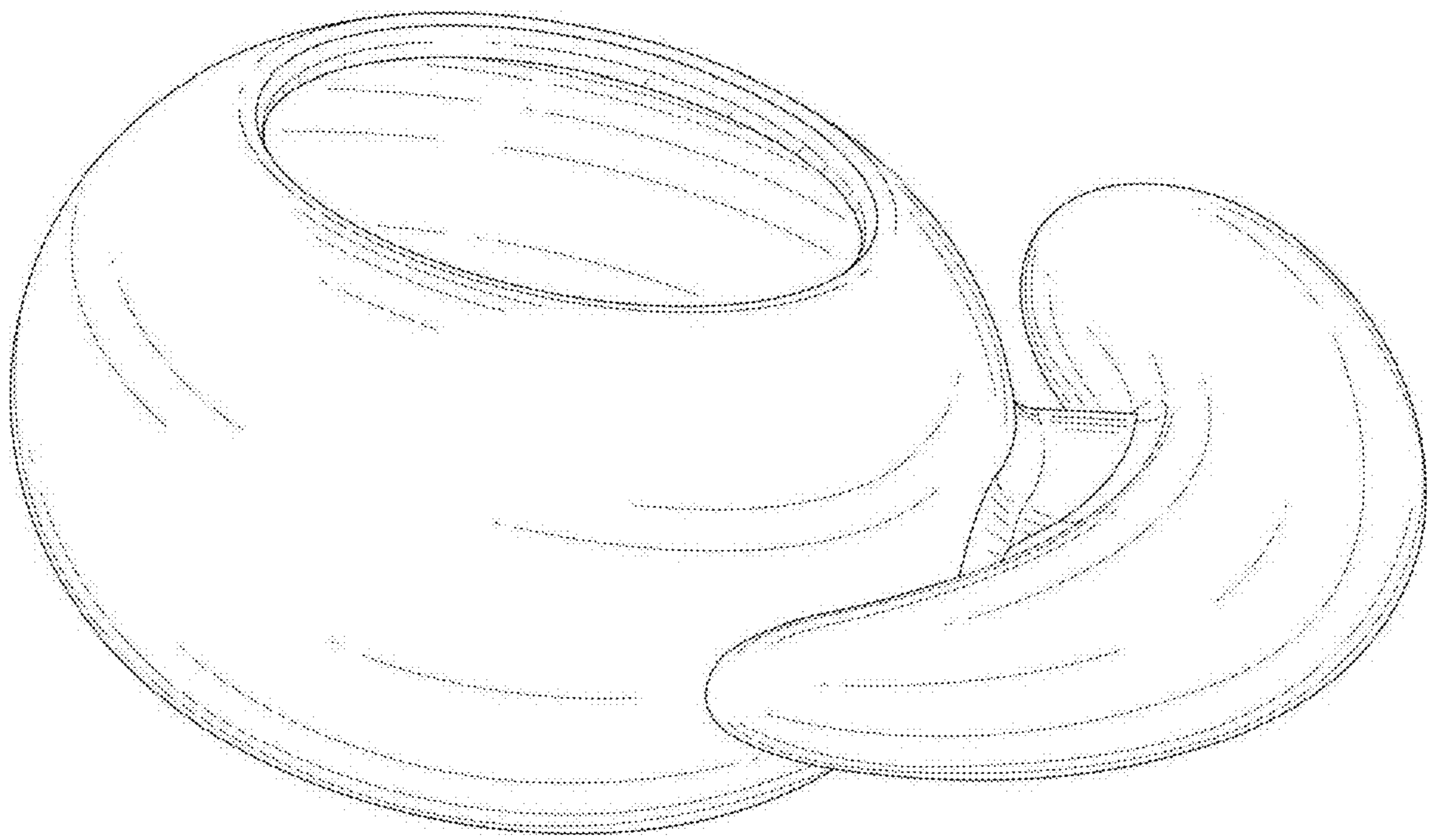


Fig. 2

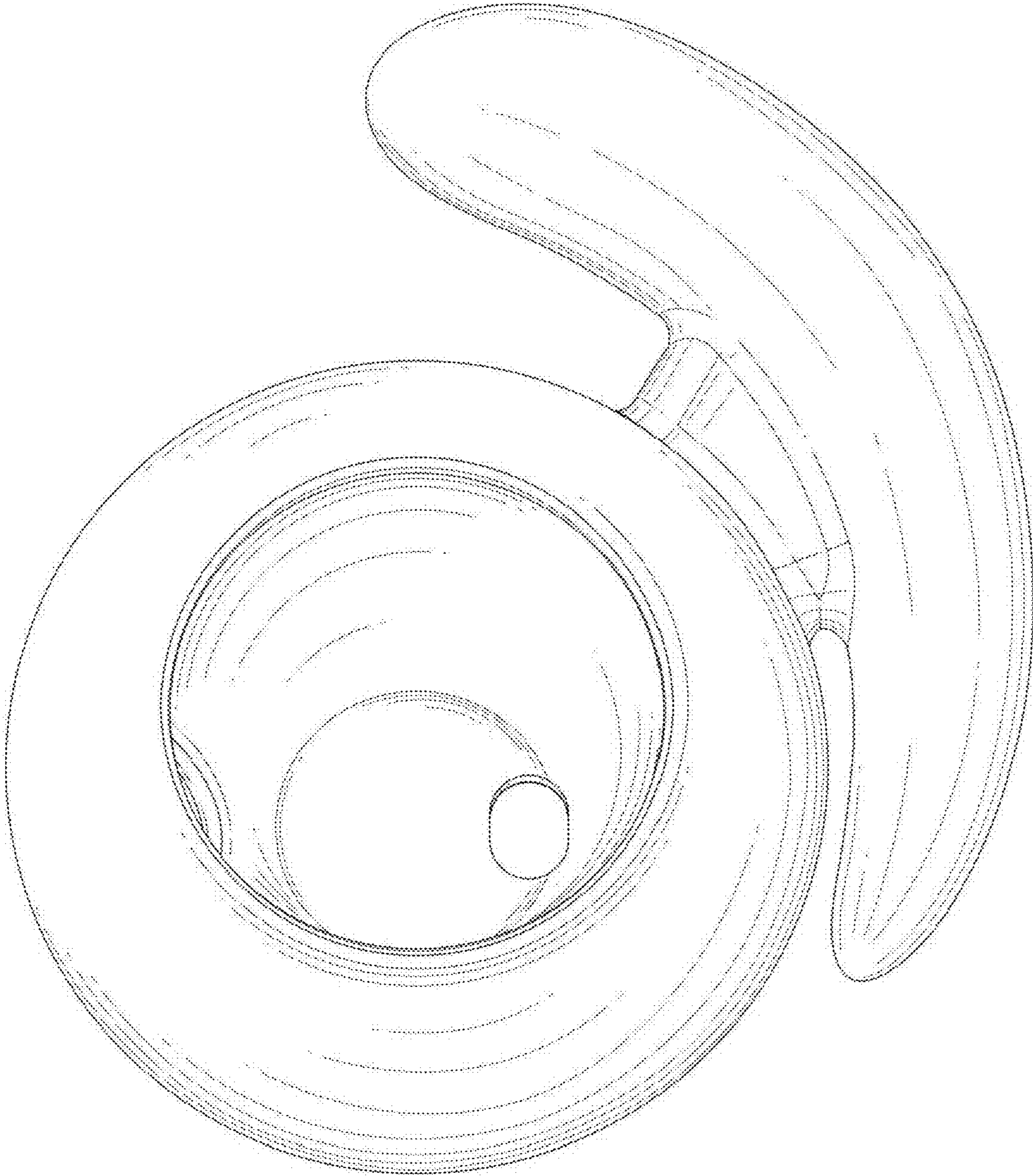


Fig. 3

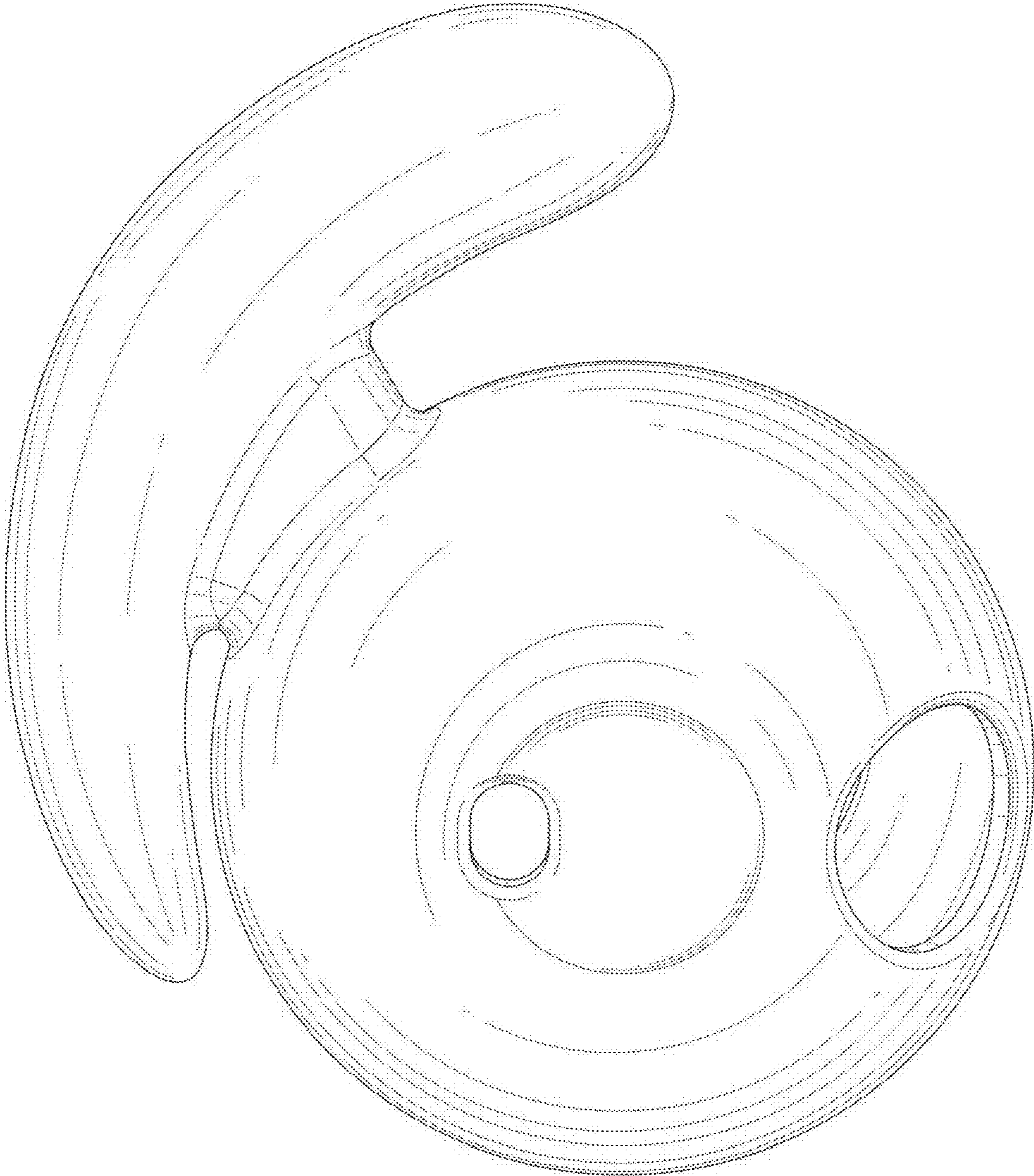


Fig. 4

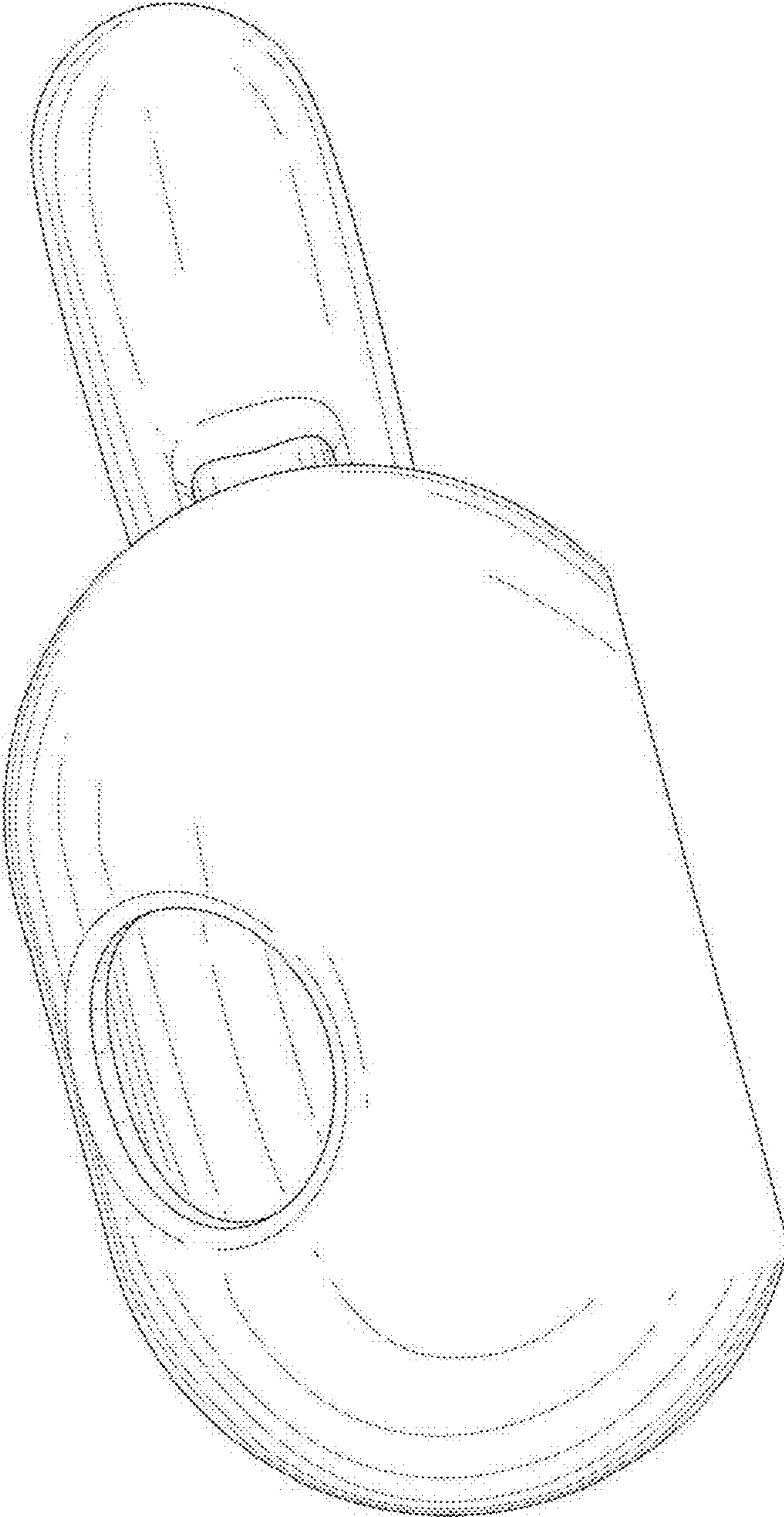


Fig. 5

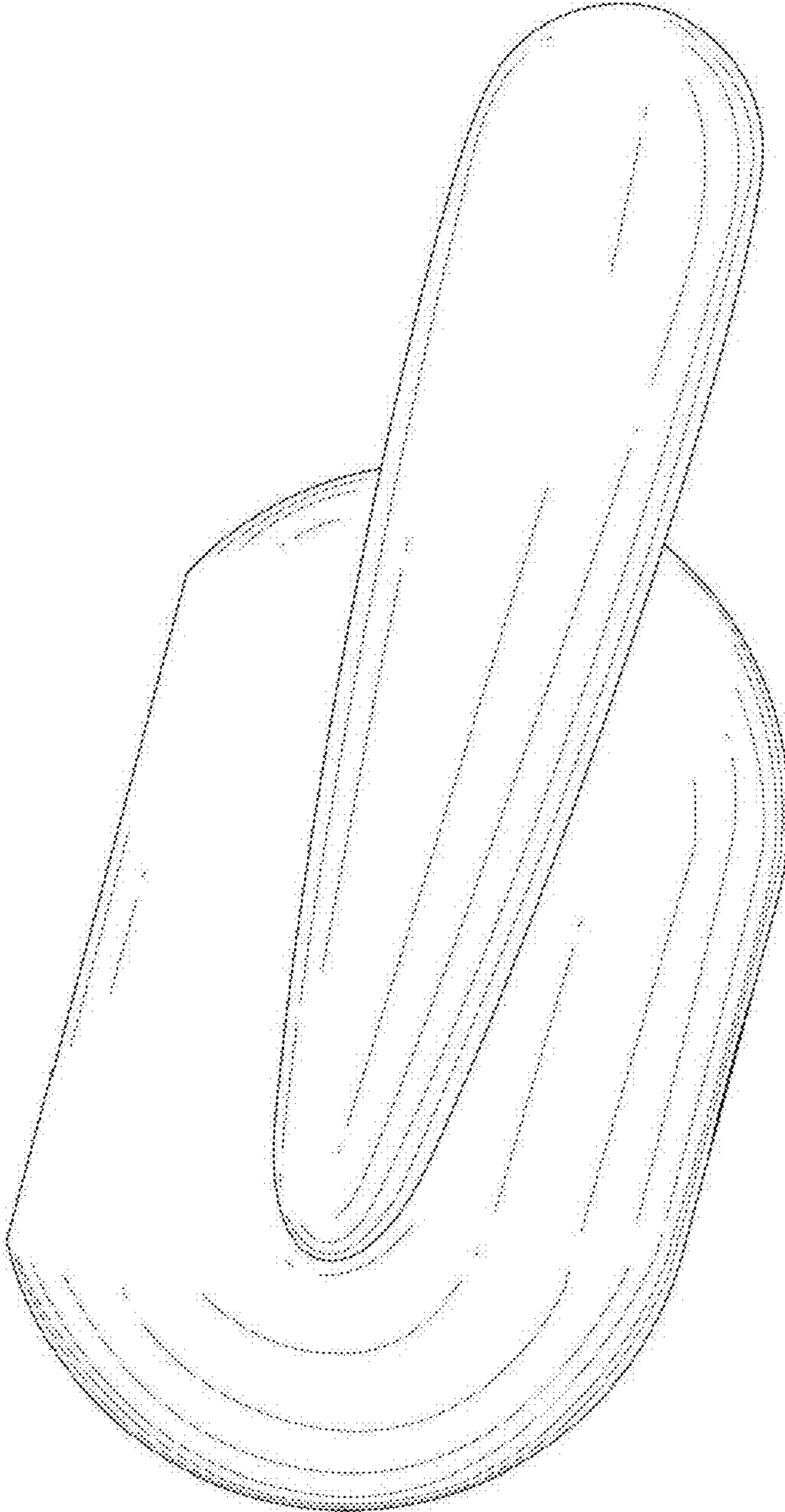


Fig. 6

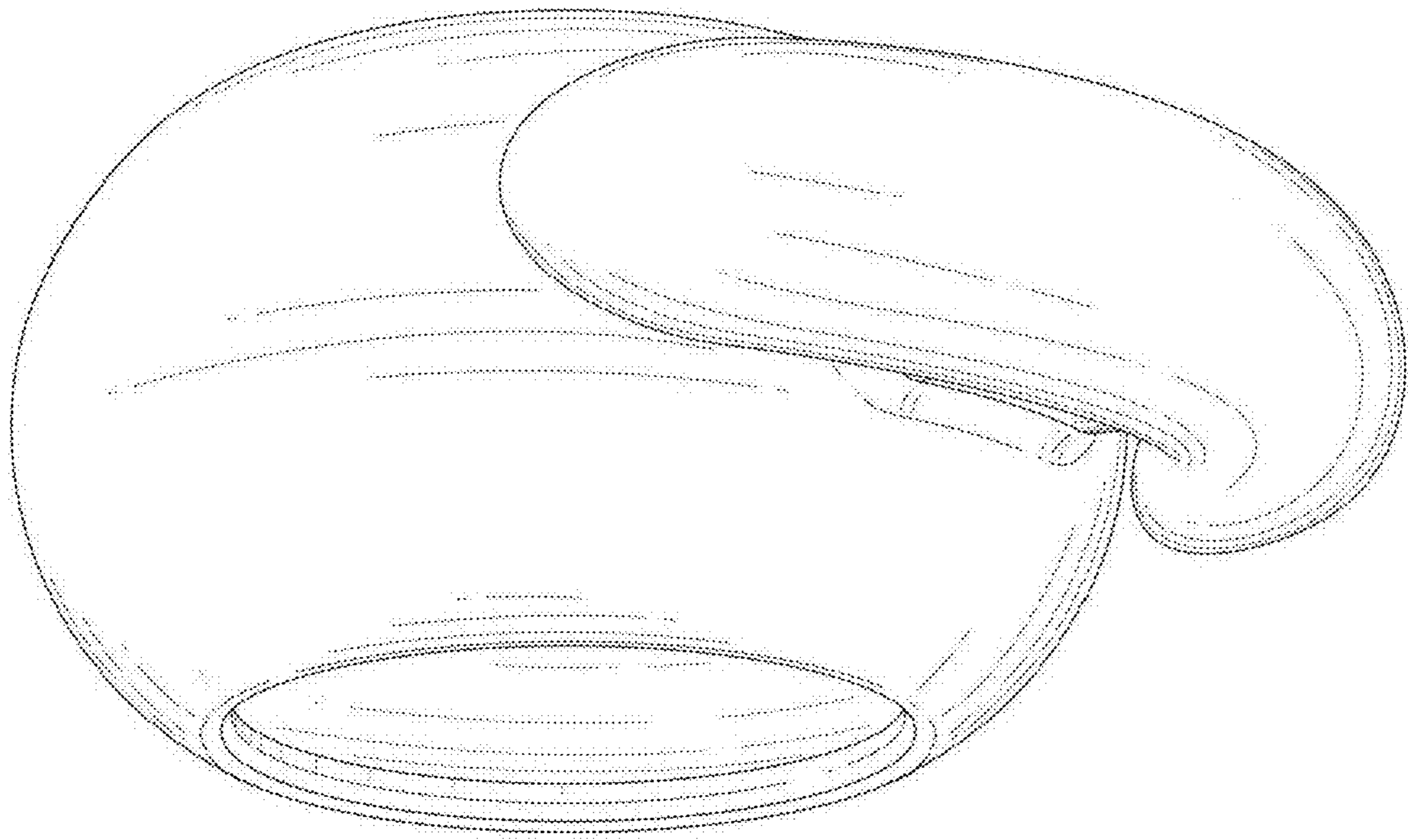


Fig. 7

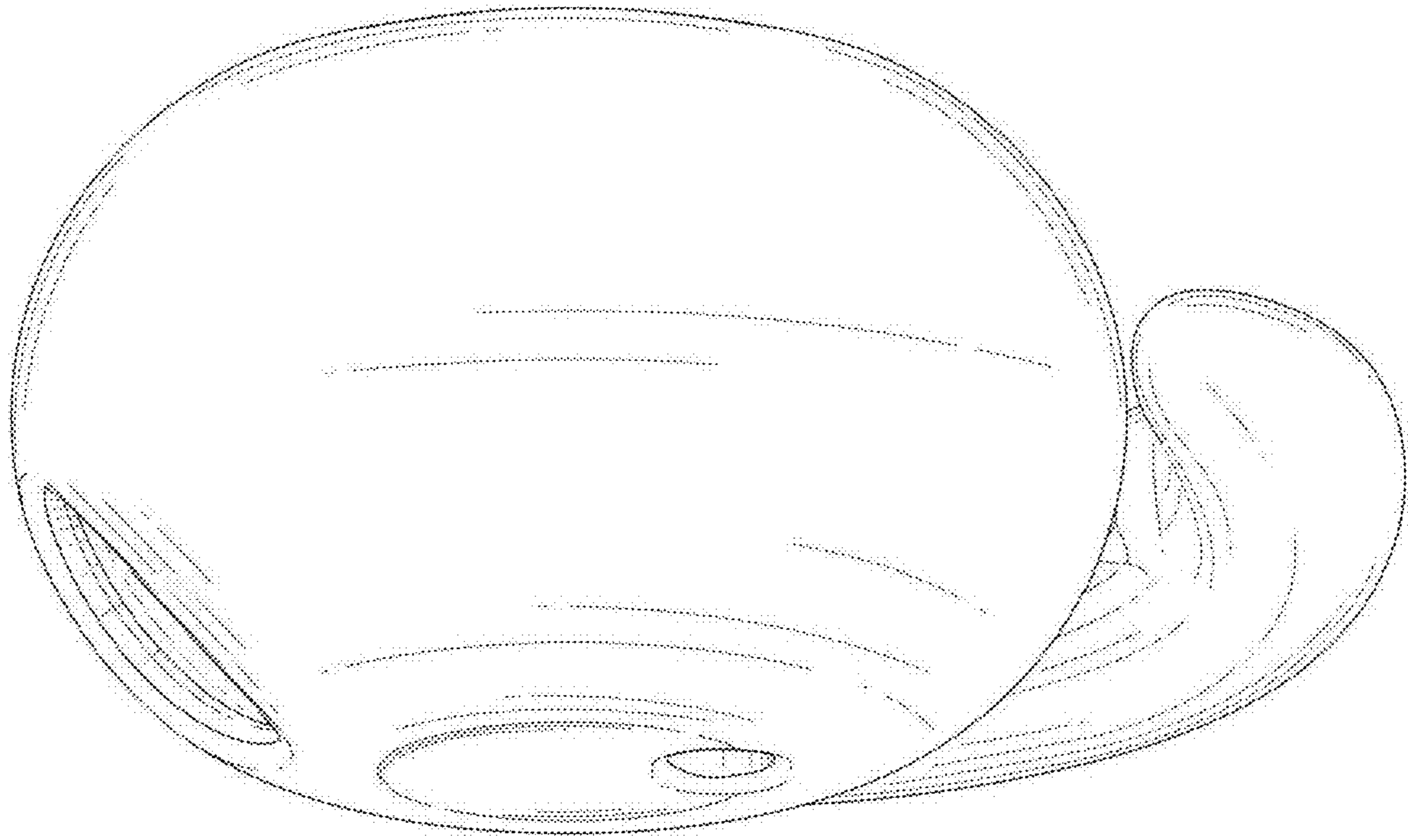


Fig. 8