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

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(54) **EARPHONE**

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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**

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379/430, 431, 420.3, 420.04; 381/380,  
381/381, 332, 382; D24/106, 174  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,646,872	A *	3/1987	Kamon et al.	181/129
D311,007	S *	10/1990	Daido	D14/205
D316,550	S *	4/1991	Sogabe	D14/168
D318,473	S *	7/1991	Miyashita et al.	D14/223
D318,864	S *	8/1991	Daido et al.	D14/205
D318,865	S *	8/1991	Ichikawa	D14/205
5,222,151	A *	6/1993	Nagayoshi et al.	381/380
D337,118	S *	7/1993	Seikita	D14/223
D337,589	S *	7/1993	Wada	D14/223

6,574,345	B1 *	6/2003	Huang	381/380
6,668,064	B1 *	12/2003	Lin	381/380
D499,397	S *	12/2004	Hlas et al.	D14/223
D515,070	S *	2/2006	Andre et al.	D14/205
D555,152	S *	11/2007	Wang	D14/223
D556,741	S *	12/2007	Yeo	D14/223
D557,689	S *	12/2007	Huang	D14/223
D568,291	S *	5/2008	Andre et al.	D14/205
D587,677	S *	3/2009	Andre et al.	D14/205
D589,491	S *	3/2009	Andre et al.	D14/205
D590,371	S *	4/2009	Leinvuo	D14/205
D656,481	S *	3/2012	McManigal	D14/205
D662,493	S *	6/2012	Chen	D14/223
D669,058	S *	10/2012	Lee et al.	D14/223
D681,015	S *	4/2013	Akana et al.	D14/223
D688,650	S *	8/2013	Chen	D14/223
8,515,116	B2 *	8/2013	Lee	381/380
D695,721	S *	12/2013	Thompson et al.	D14/223
D695,722	S *	12/2013	Thompson et al.	D14/223
D696,230	S *	12/2013	Burgett et al.	D14/223
D707,206	S *	6/2014	Akana et al.	D14/223
2012/0237074	A1 *	9/2012	Aase	381/380
2012/0275635	A1 *	11/2012	Chen	381/380
2013/0004011	A1 *	1/2013	Hayashida et al.	381/380

(Continued)

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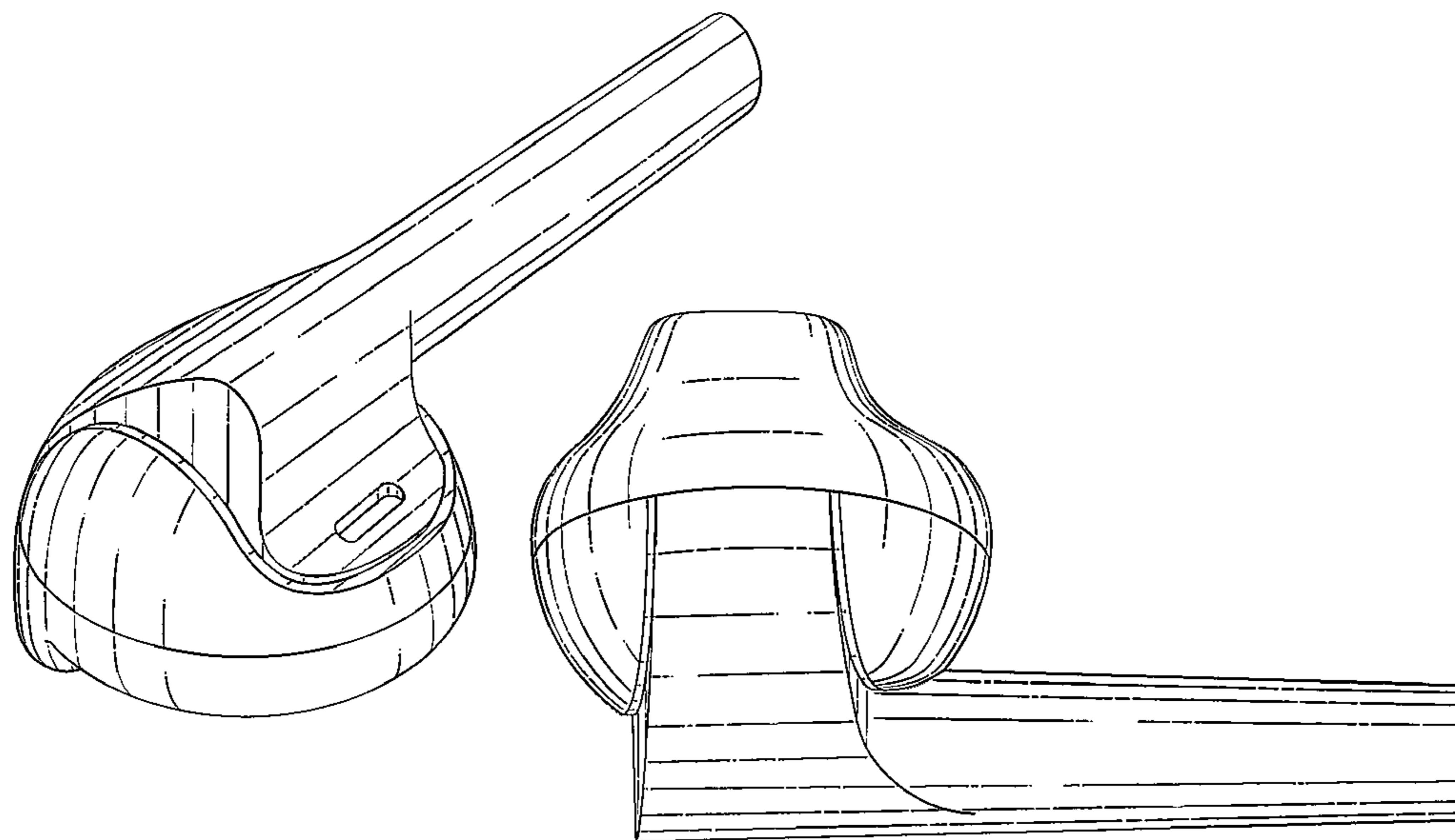
(57) **CLAIM**

The ornamental design for an earphone, as shown.

**DESCRIPTION**

FIG. 1 is a rear, right, top perspective view of an earphone;  
FIG. 2 is a right side view thereof;  
FIG. 3 is a left 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.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2013/0343595 A1\* 12/2013 Zorkendorfer et al. .... 381/380  
2014/0153767 A1\* 6/2014 Hua ..... 381/380

2013/0343594 A1\* 12/2013 Howes et al. .... 381/380

\* cited by examiner

Fig. 1

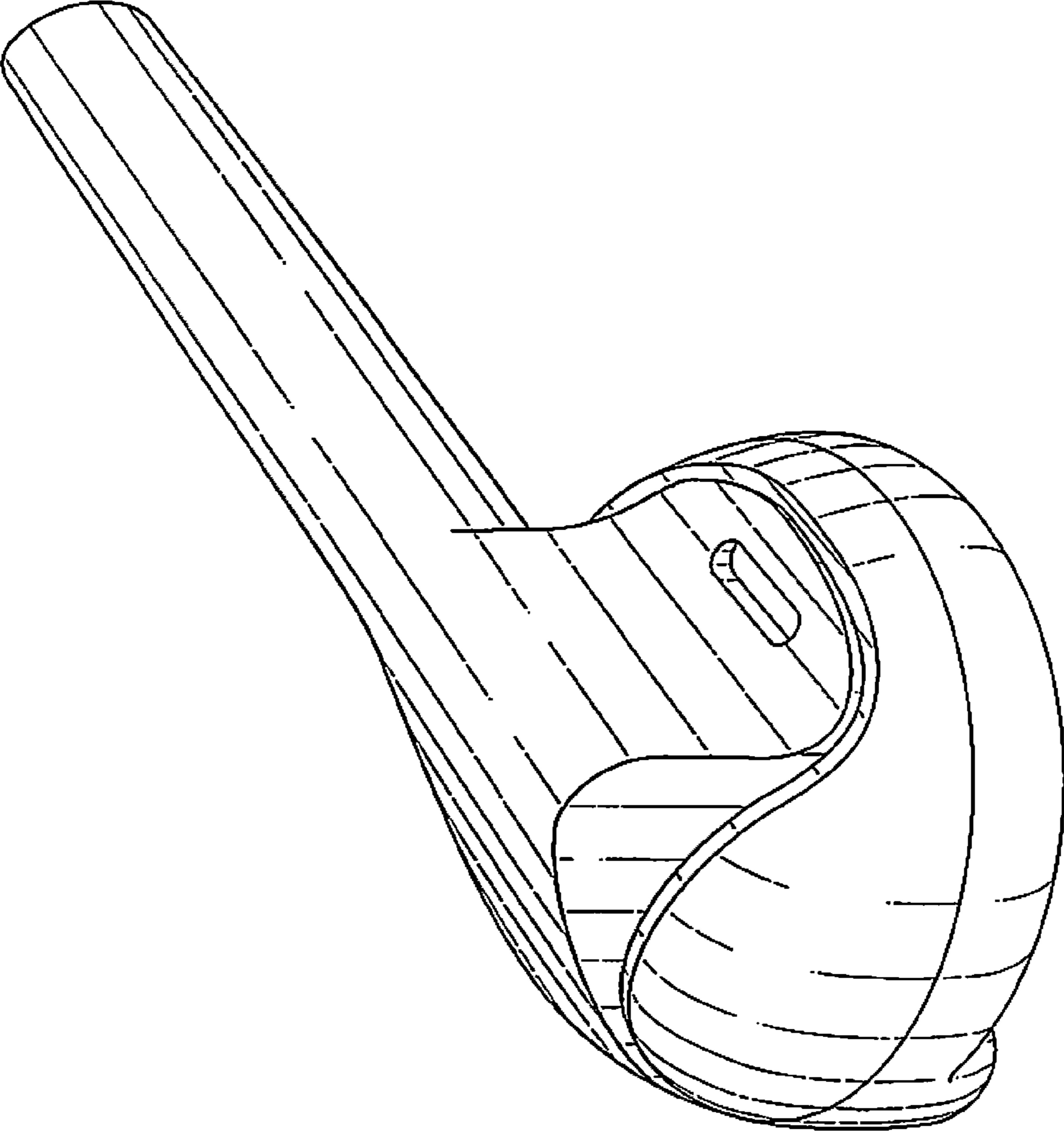


Fig. 2

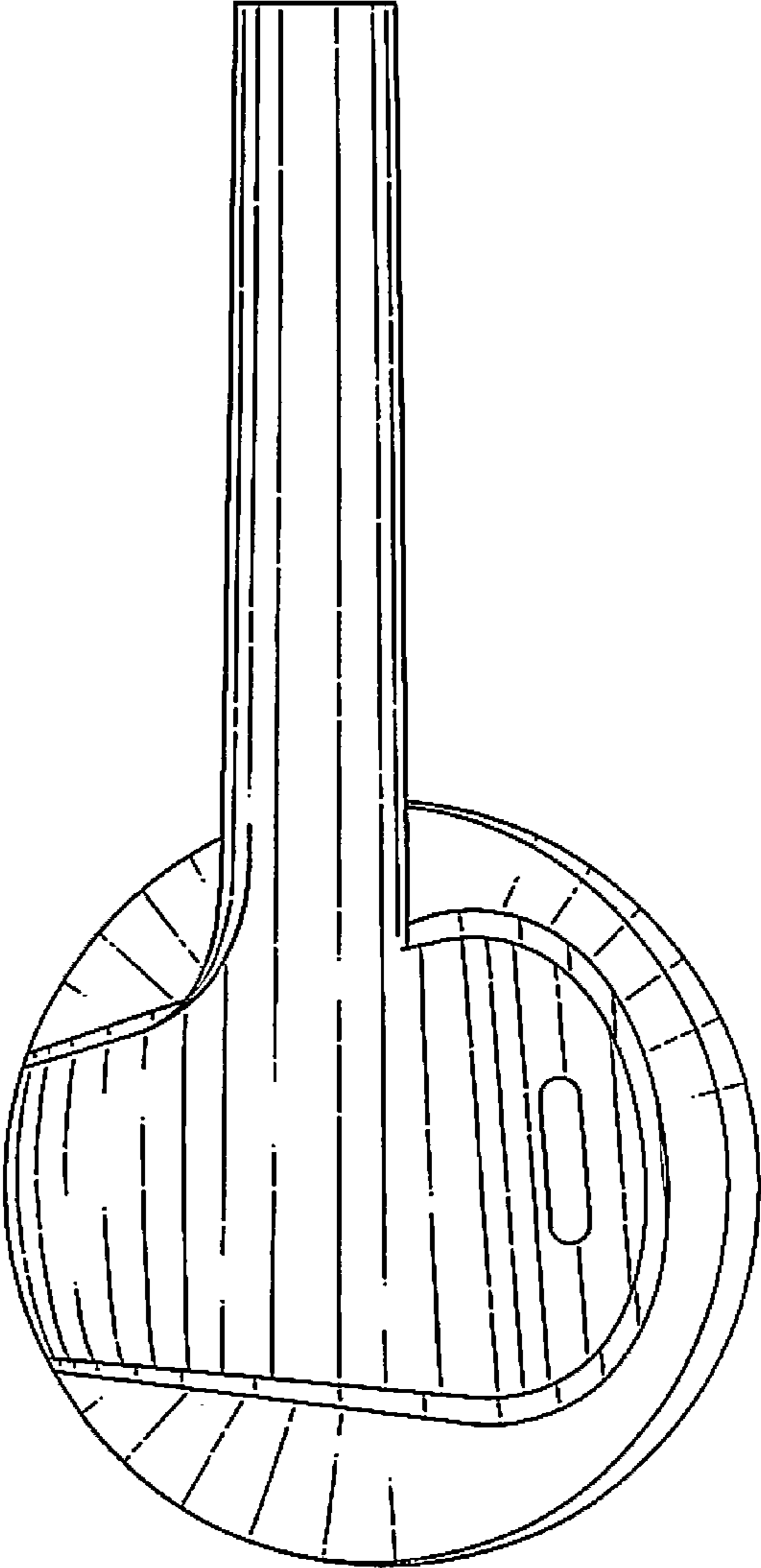


Fig. 3

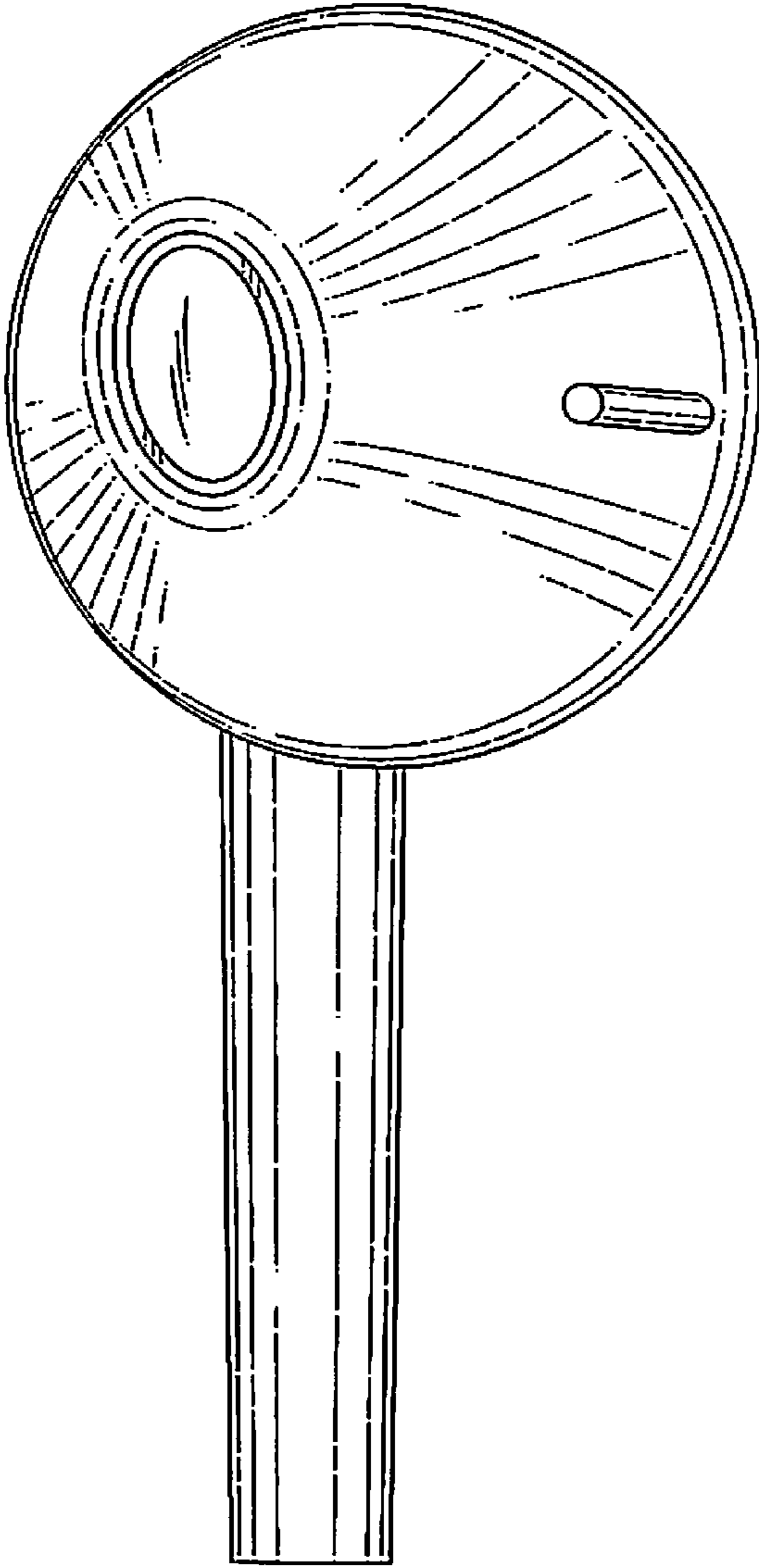


Fig. 5

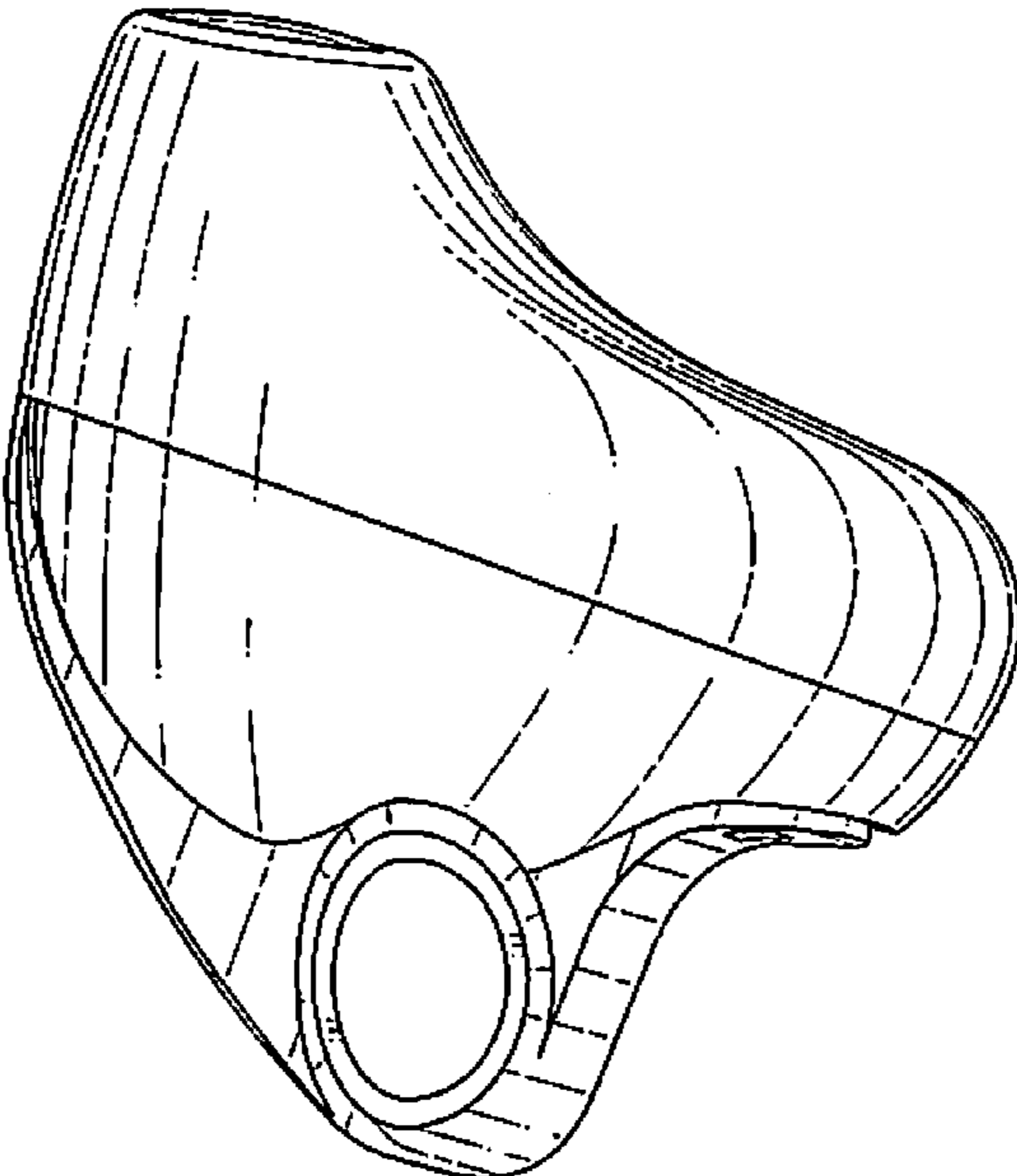


Fig. 4

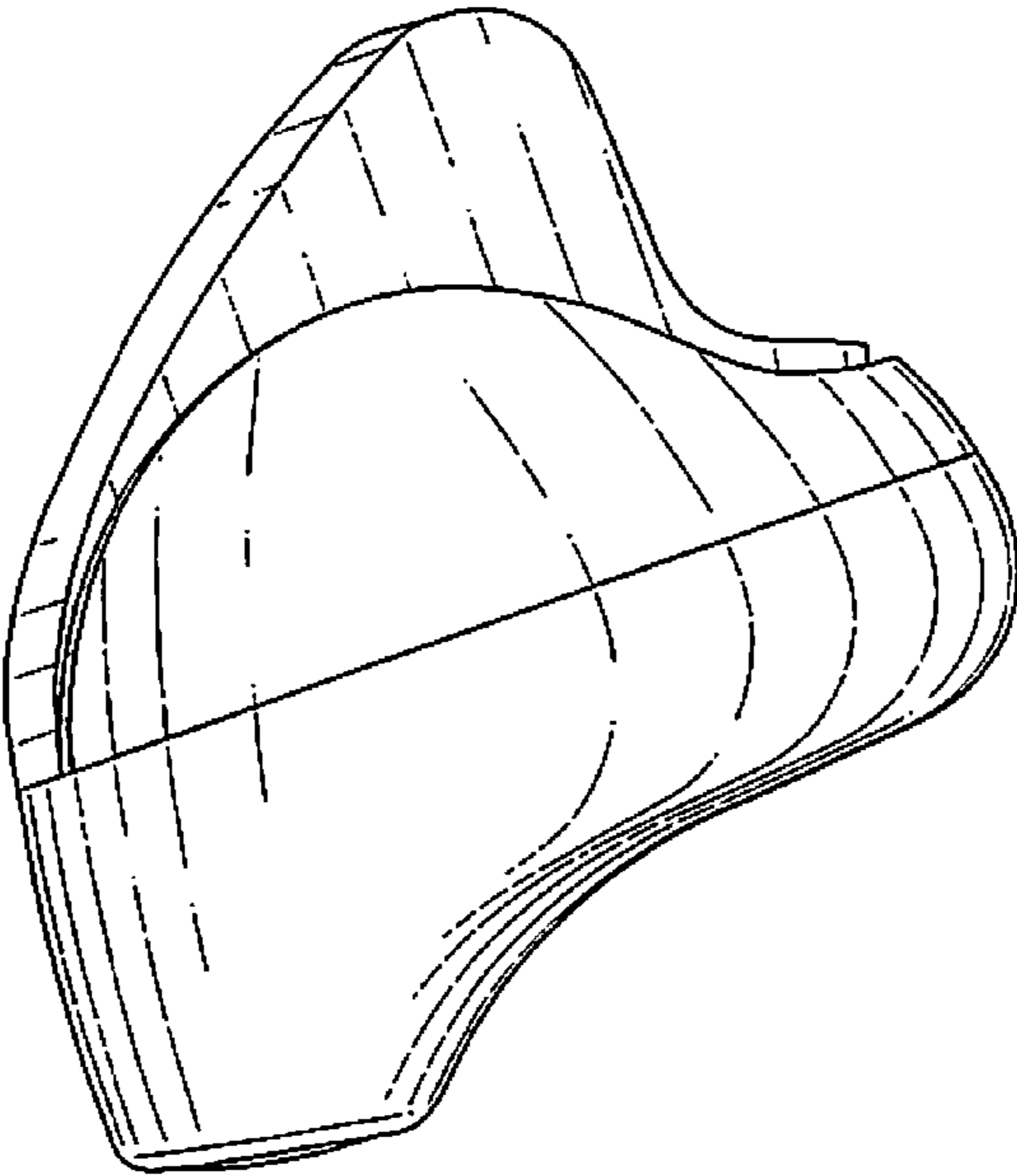


Fig. 6

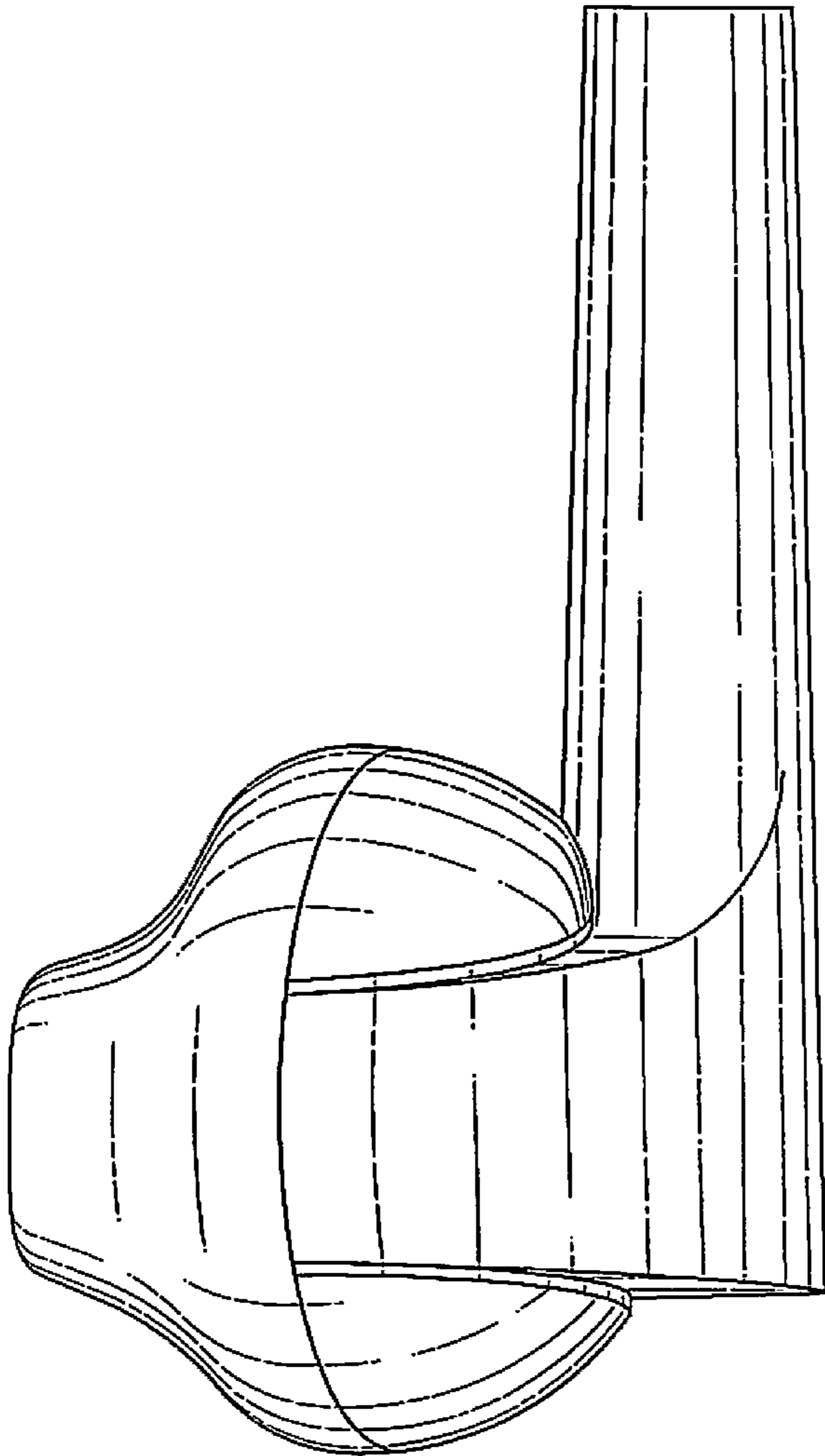


Fig. 7

