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Maguire

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(54) **PILOT BALLOON ASSEMBLY**

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(**) Term: **14 Years**

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(51) **LOC (10) Cl.** **29-02**

(52) **U.S. Cl.**

USPC **D24/110**

(58) **Field of Classification Search**

CPC A61M 16/04; A61M 16/0479; A61M
16/0816; A61M 16/0465; A61M 16/0434;
A61M 16/0497

USPC 128/207.14, 207.15, 207.16; D24/107,
D24/108, 110, 110.5, 110.6, 112, 115, 118,
D24/129, 127

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,901,246	A	8/1975	Wallace	
4,334,534	A	6/1982	Ozaki	
4,361,107	A	11/1982	Gereg	
4,552,558	A	11/1985	Muto	
4,584,998	A	4/1986	McGrail	
4,649,914	A	3/1987	Kowalewski	
4,825,862	A	5/1989	Sato	
4,840,173	A	6/1989	Porter	
4,856,510	A	8/1989	Kowalewski	
5,067,497	A	11/1991	Greear	
5,315,992	A	5/1994	Dalton	
5,765,559	A	6/1998	Kim	
5,819,723	A	10/1998	Joseph	
6,055,984	A	5/2000	Brain	
D450,838	S *	11/2001	Cise et al. D24/129
6,530,898	B1	3/2003	Nimkar	

D473,646	S *	4/2003	Baillargeon et al. D24/129
D484,593	S *	12/2003	Baillargeon et al. D24/129
6,725,862	B2	4/2004	Klinberg	
D546,946	S *	7/2007	Blake et al. D24/129
D565,731	S *	4/2008	Eisenkolb et al. D24/129
D644,731	S *	9/2011	Fangrow, Jr. D24/129
D657,056	S *	4/2012	Burgess et al. D24/129
2001/0018917	A1	9/2001	Brain	
2003/0062039	A1 *	4/2003	Sniadach 128/200.26
2005/0166924	A1	8/2005	Thomas	
2006/0201516	A1	9/2006	Petersen	
2007/0017527	A1 *	1/2007	Totz 128/207.15
2007/0068532	A1	3/2007	Le	

(Continued)

FOREIGN PATENT DOCUMENTS

WO WO 2005046751 A3 * 7/2005

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(57) **CLAIM**

I claim the ornamental design for a pilot balloon assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the pilot balloon assembly of the present invention;

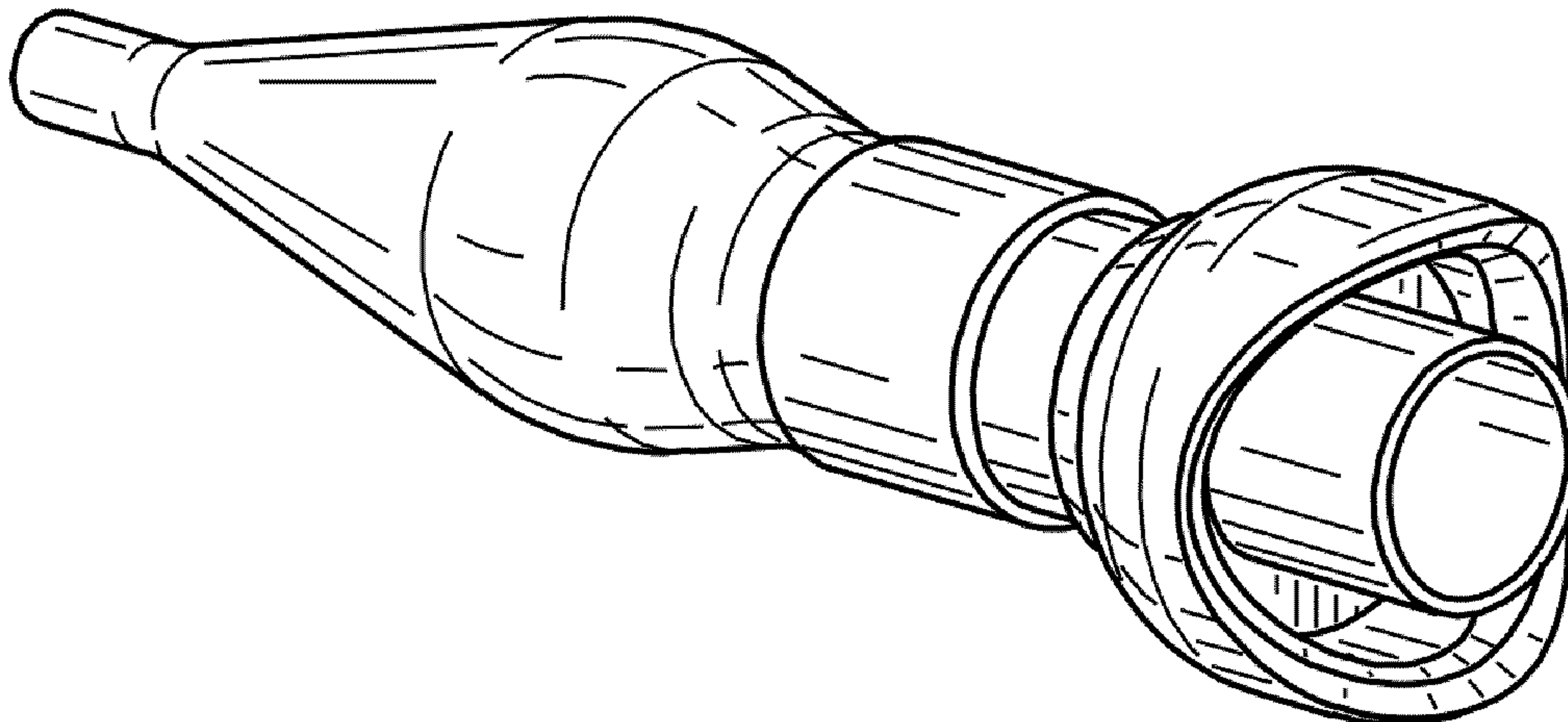
FIG. 2 is a left side view of the pilot balloon assembly of FIG. 1, the right side being a mirror image thereof;

FIG. 3 is a top view of the pilot balloon assembly of FIG. 1, the bottom being a mirror image thereof;

FIG. 4 is a front view of the pilot balloon assembly of FIG. 1; and,

FIG. 5 is a rear view of the pilot balloon assembly of FIG. 1. The broken lines in the drawings illustrate portions of the pilot balloon assembly which form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2011/0220118	A1*	9/2011	Lowenstein et al.	128/207.15
2012/0247477	A1*	10/2012	Stephenson et al.	128/207.14
2012/0247478	A1*	10/2012	Harrington	128/207.14
2008/0099026	A1	5/2008	Chang	
2008/0142003	A1	6/2008	Depel	
2009/0125002	A1*	5/2009	Totz	604/528 * cited by examiner

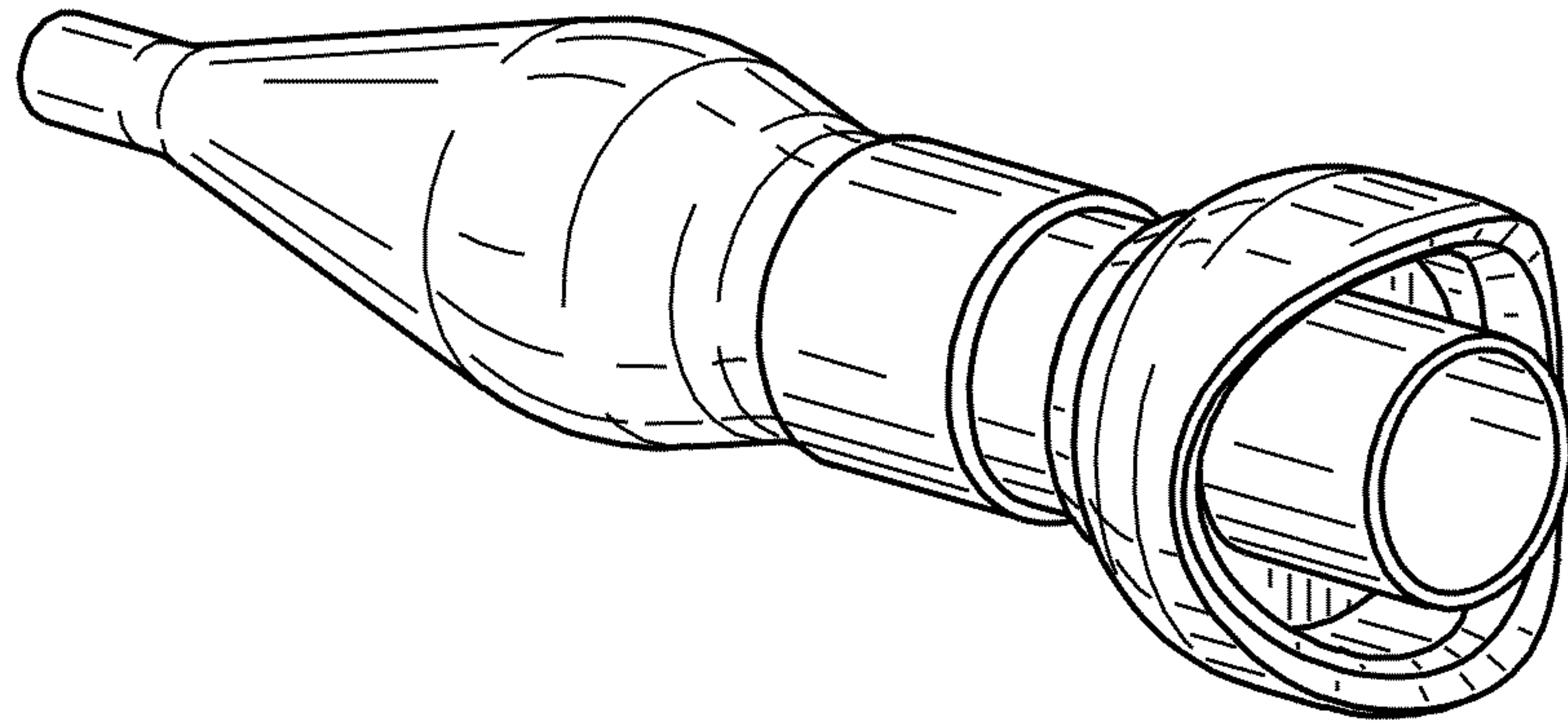


FIG. 1

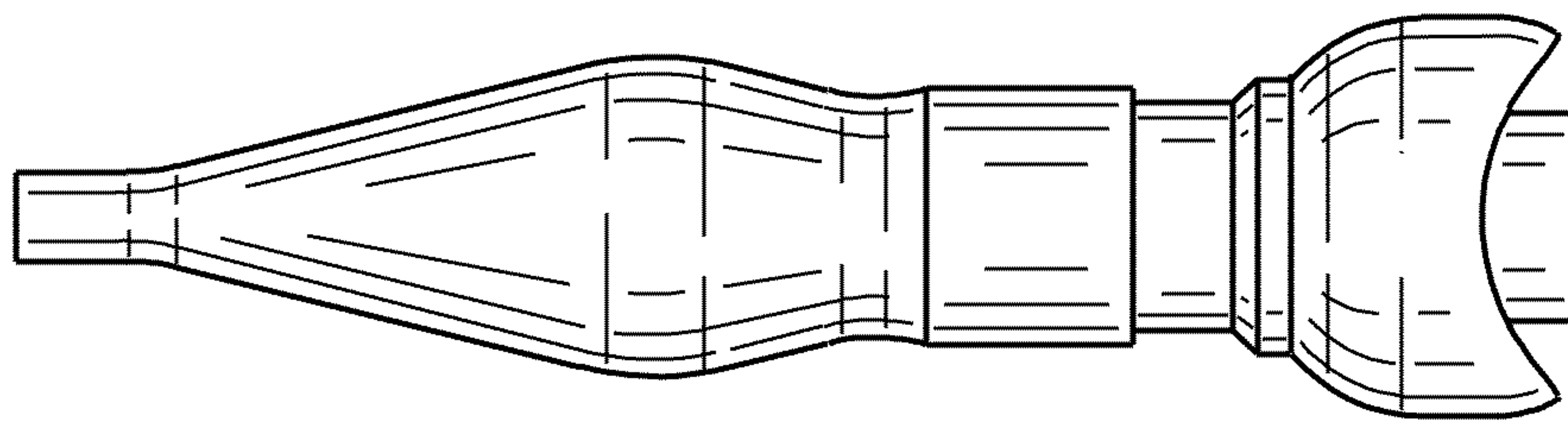


FIG. 2

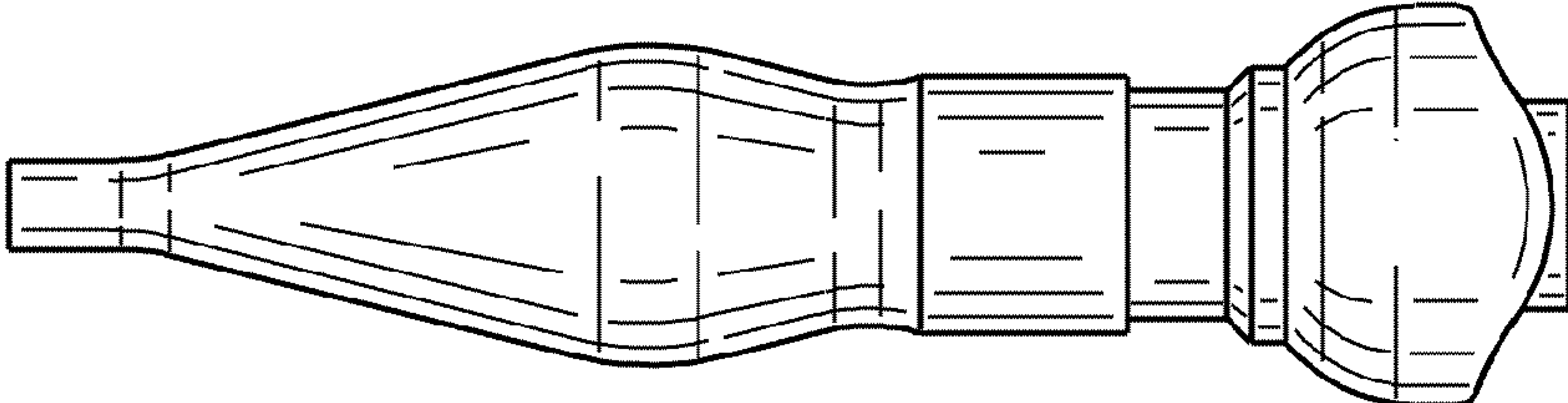


FIG. 3

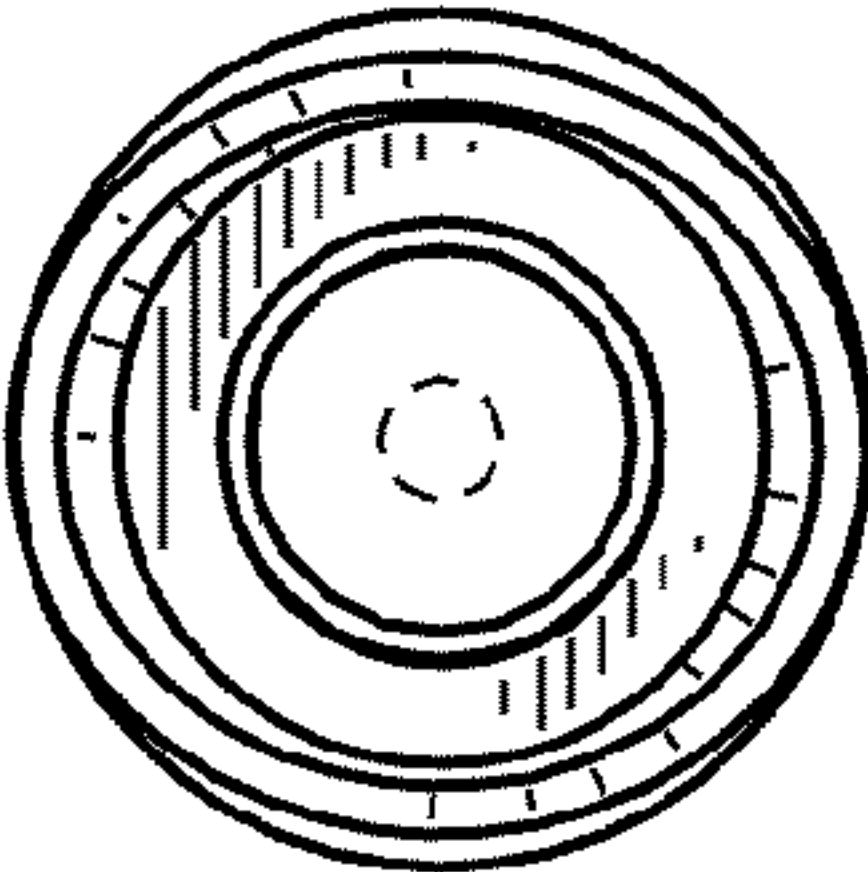


FIG. 4

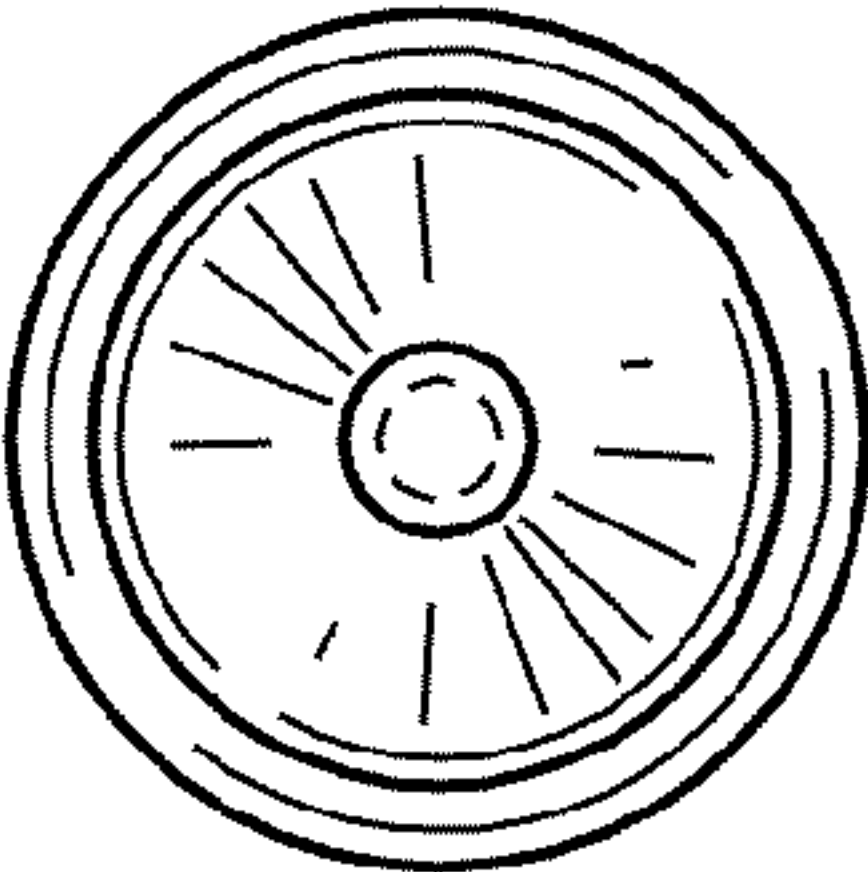


FIG. 5