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(12) **United States Design Patent**
Mihashi et al.

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- (54) **FLUID PRESSURE CYLINDER**
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- (73) Assignee: **Kayaba Industry Co., Ltd.**, Tokyo (JP)
- (**) Term: **14 Years**
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- (30) **Foreign Application Priority Data**
Mar. 27, 2008 (JP) 2008-007722
- (51) **LOC (9) Cl.** **15-03**
- (52) **U.S. Cl.** **D15/28**; D15/143
- (58) **Field of Classification Search** D15/28,
D15/138, 143; D12/159; D10/83, 85; D8/499;
D23/233; D34/35; 92/169.1, 170.1, 164,
92/165 R; 212/238, 261; 187/344, 345;
248/654, 646, 647
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D16,571 S * 3/1886 Kenna D8/354
D136,795 S * 12/1943 Lear D12/345
2,826,467 A * 3/1958 Ballard 92/164
D184,544 S * 3/1959 Von Pessler D15/138
2,953,119 A * 9/1960 Geyer 92/108
D194,362 S * 1/1963 Prince D15/28
D216,825 S * 3/1970 Hunnicutt et al. D15/138
3,543,643 A * 12/1970 Southwell 91/401
3,630,120 A * 12/1971 Carlson et al. 91/511
3,685,398 A * 8/1972 Little 92/165 R
D230,723 S * 3/1974 Cowan D12/159
D262,959 S * 2/1982 Cowan D12/159
4,357,858 A * 11/1982 Wedman 92/128

- D272,315 S * 1/1984 Valo D8/499
- D288,208 S * 2/1987 Hawkins D15/138
- 4,658,970 A * 4/1987 Oliphant 212/294
- 4,671,169 A * 6/1987 Hillier 92/59
- 4,697,499 A * 10/1987 Dirkin et al. 92/151
- 4,941,323 A * 7/1990 Leigh-Monstevens 60/589
- 5,014,601 A * 5/1991 Sundholm 92/109
- 5,014,603 A * 5/1991 Navarette et al. 92/165 R

(Continued)

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(57) **CLAIM**

The ornamental design for a fluid pressure cylinder, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a fluid pressure cylinder showing our new design;

FIG. 2 is a rear view of the fluid pressure cylinder;

FIG. 3 is a top view of the fluid pressure cylinder;

FIG. 4 is a bottom view of the fluid pressure cylinder;

FIG. 5 is a right side view of the fluid pressure cylinder;

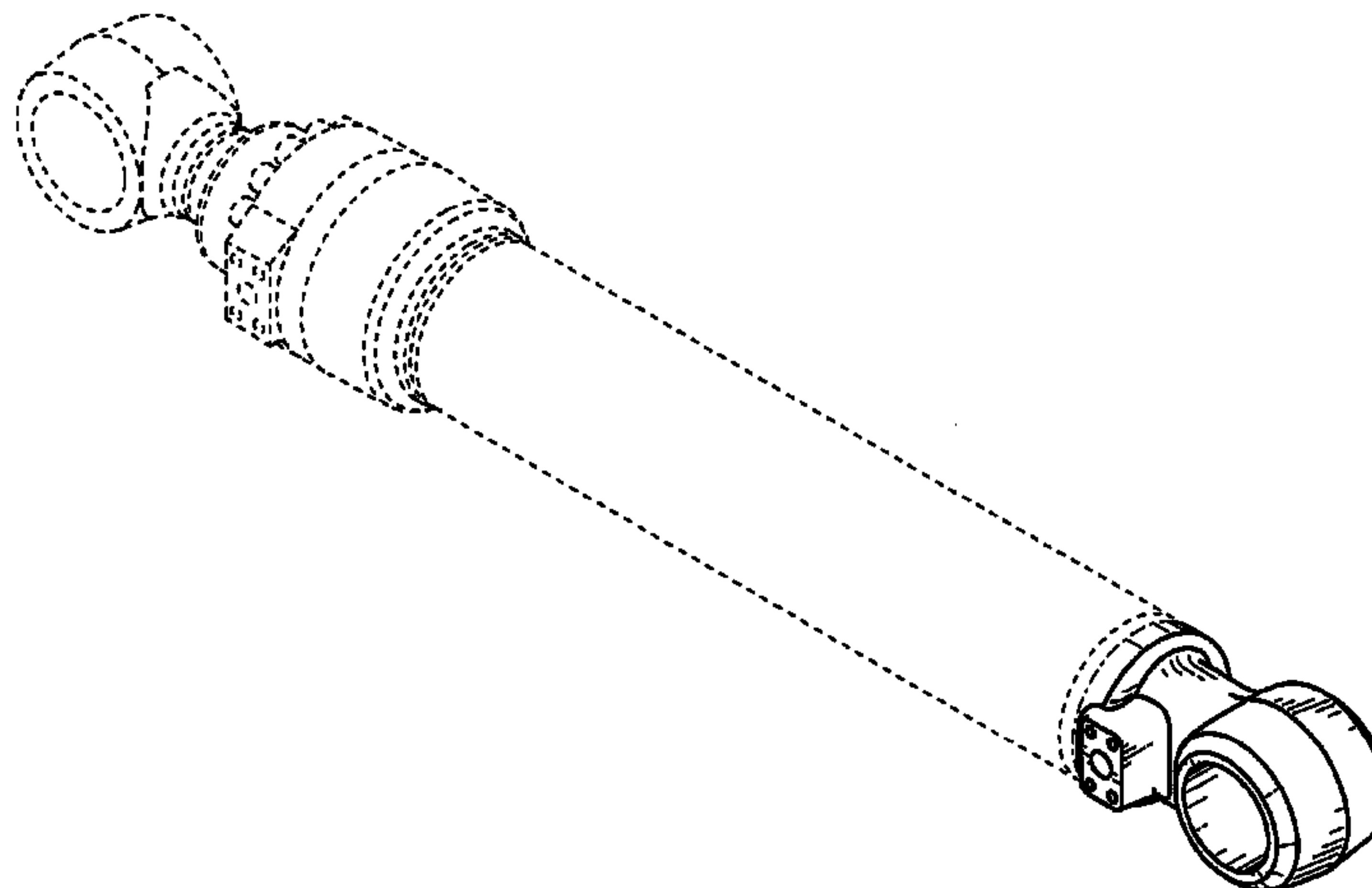
FIG. 6 is a left side view of the fluid pressure cylinder;

FIG. 7 is an enlarged cross-sectional view of the fluid pressure cylinder taken along line 7—7 of FIG. 1; and,

FIG. 8 is a perspective view of the fluid pressure cylinder.

The broken lines in the drawing are for the purpose of illustrating portions of the fluid pressure cylinder that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



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U.S. PATENT DOCUMENTS

5,165,324	A *	11/1992	Maruoka	92/171.1				
D357,951	S *	5/1995	Chen	D21/694				
D399,462	S *	10/1998	Toffolo et al.	.....	D12/159				
D434,707	S *	12/2000	Bauer	.....	D12/159				
D456,827	S *	5/2002	Butts	.....	D15/143				
6,805,039	B2 *	10/2004	Kau	.....	92/169.1				
D500,258	S *	12/2004	Kita et al.	.....	D10/85				
D500,259	S *	12/2004	Kita et al.	.....	D10/85				
D522,090	S *	5/2006	Matsumoto et al.	.....	D23/233				
D542,682	S *	5/2007	Waki	.....	D10/85				
7,240,607	B2 *	7/2007	Fish	.....	92/169.1				
D553,545	S *	10/2007	Nygren	.....	D12/159				
D563,287	S *	3/2008	Falter et al.	.....	D12/159				
D566,630	S *	4/2008	Ortiz	.....	D12/159				
7,350,453	B1 *	4/2008	Bailey et al.	.....	92/128				
2003/0116012	A1 *	6/2003	Mickelson	.....	92/164				
2004/0094033	A1 *	5/2004	Kau	.....	92/169.1				
2005/0263001	A1 *	12/2005	Alrefai	.....	92/164				
2007/0012174	A1 *	1/2007	Fish	.....	92/170.1				

* cited by examiner

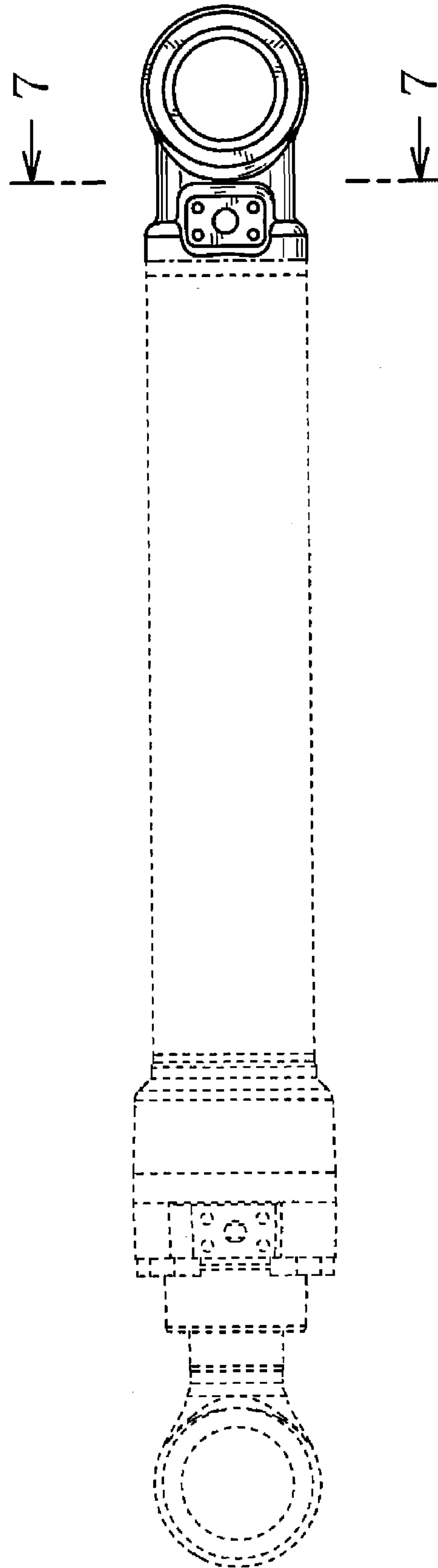


Fig. 1

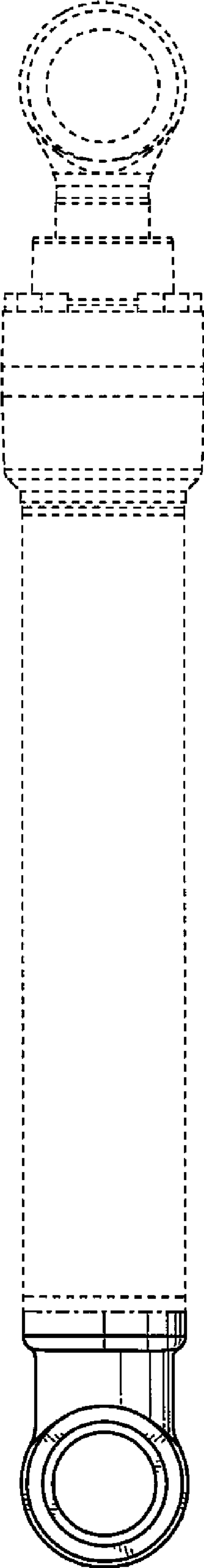


Fig. 2

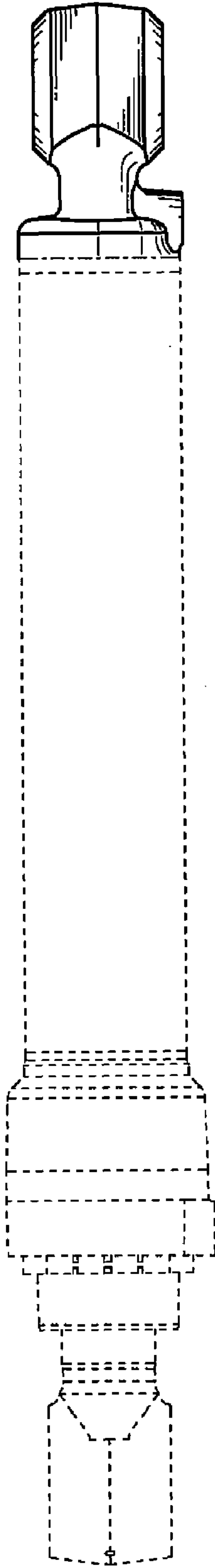


Fig. 3

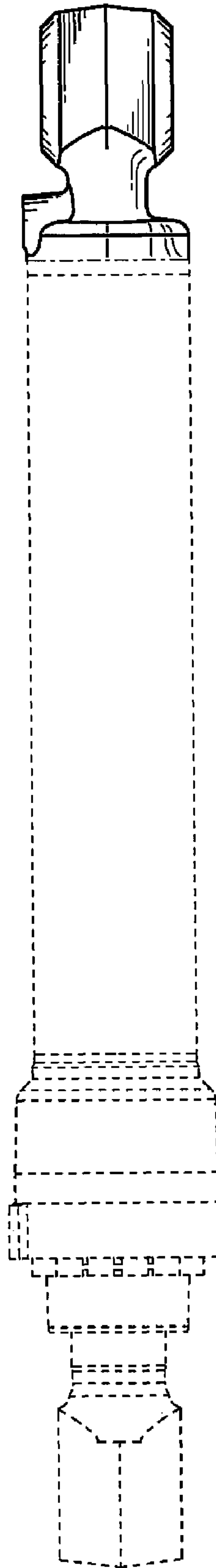


Fig. 4

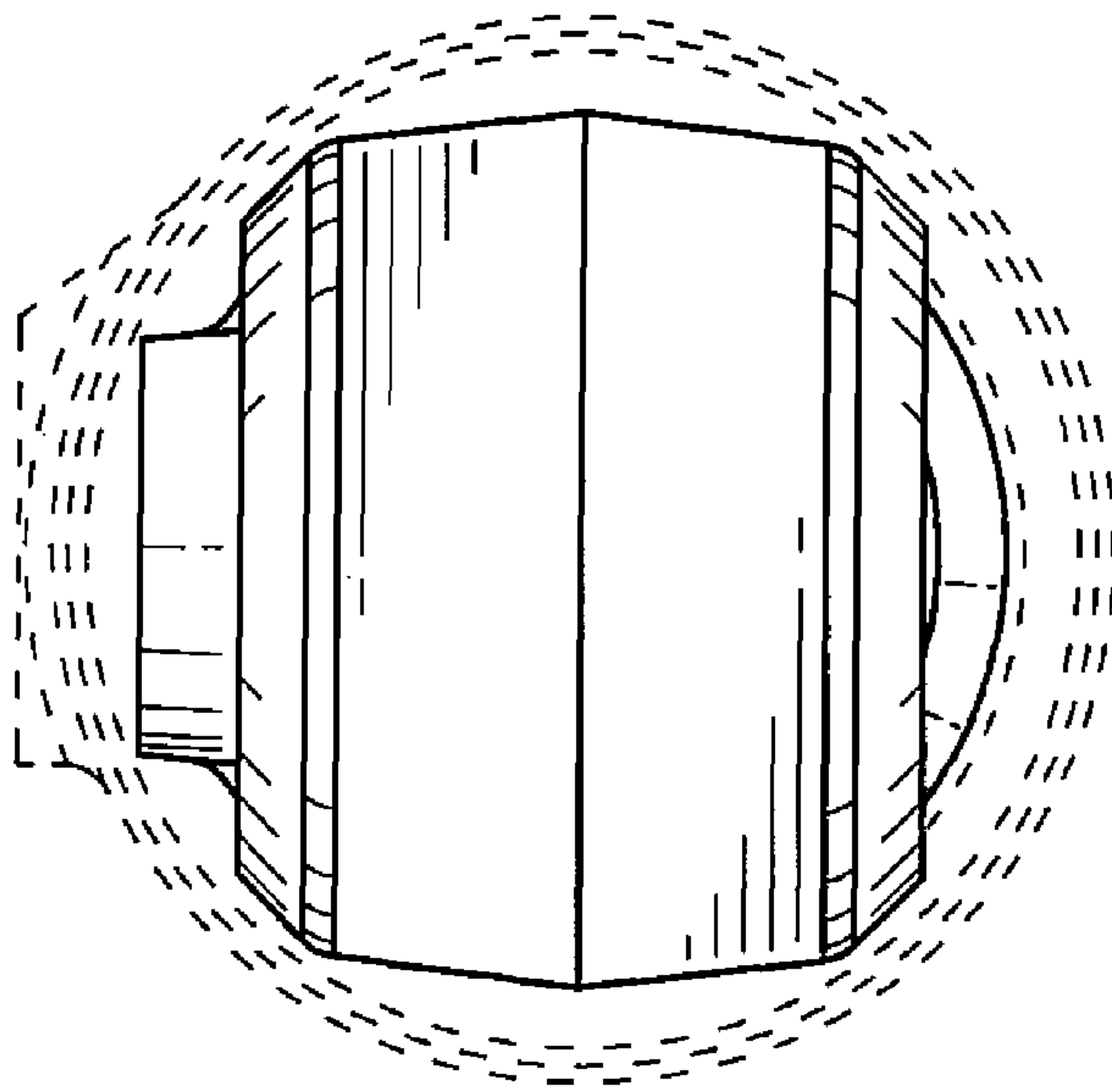


Fig. 5

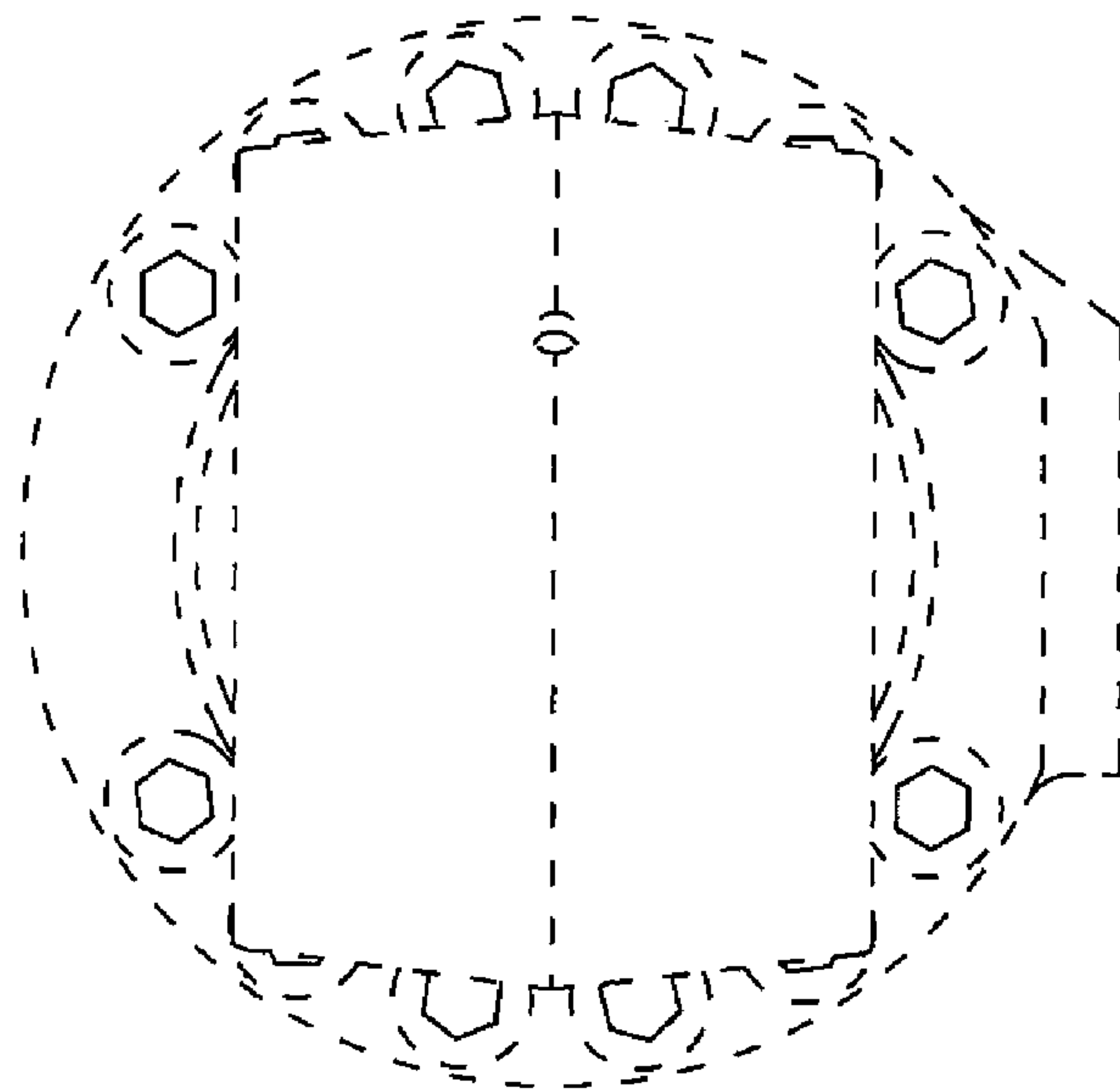


Fig. 6

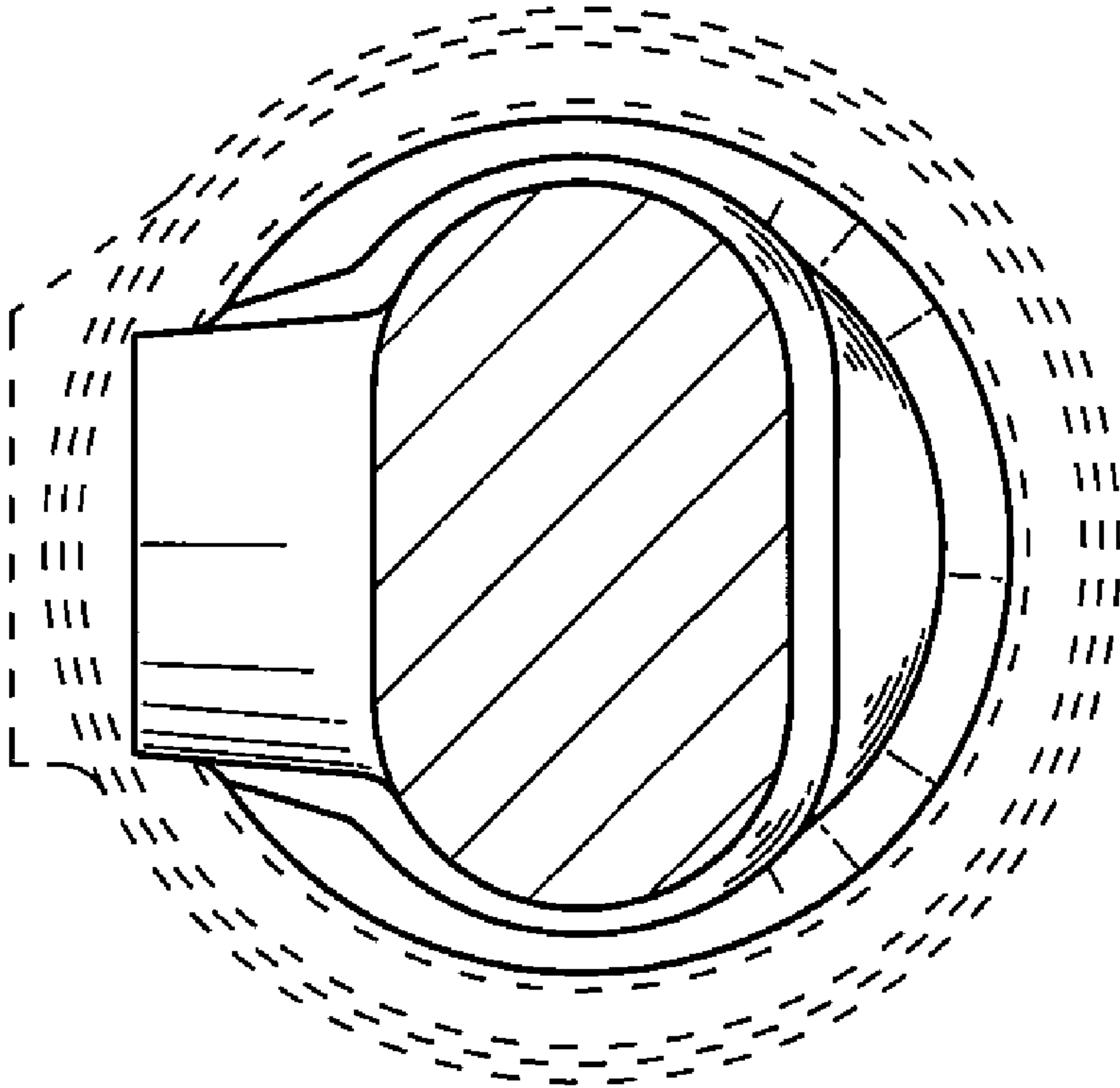


Fig. 7

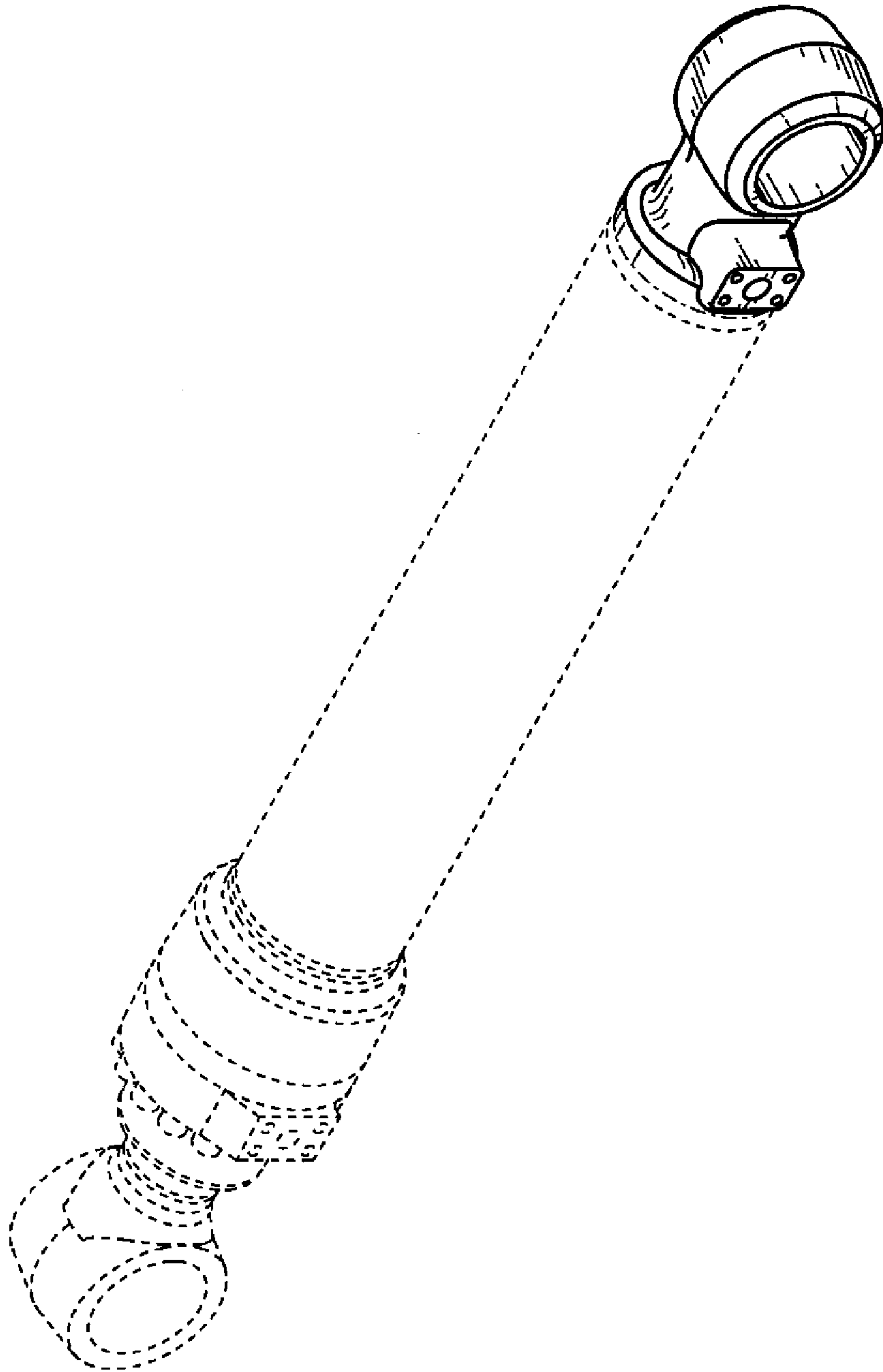


Fig. 8