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

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(45) **Date of Patent:** **** Apr. 27, 2010**

- (54) **BRAKE CYLINDER**
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- (73) Assignee: **WABCO GmbH**, Hannover (DE)
- (**) Term: **14 Years**
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- (30) **Foreign Application Priority Data**
Sep. 20, 2008 (DE) 40 2008 004 500
- (51) **LOC (9) Cl.** **12-16**
- (52) **U.S. Cl.** **D12/180**
- (58) **Field of Classification Search** D12/180,
D12/174, 400; 188/170, 171, 173, 167, 265,
188/73.31-73.39, 73.43, 73.45, 218 XL,
188/73.1, 250 B, 250 E, 250 R, 251 R; 92/13.8,
92/62.64, 18, 23; 303/89, 9.76, 71; D15/138-140;
72/339; 192/107 M, 107 R; 428/443; 488/1.11 W,
488/1.11 R
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
7,367,433 B2 * 5/2008 Bieker et al. 188/71.7
7,395,906 B2 * 7/2008 Potter et al. 188/170
D581,331 S * 11/2008 Stender D12/180
7,493,994 B2 * 2/2009 Plantan et al. 188/153 D

7,513,341 B2 *	4/2009	Lachermeier	.....	188/170
7,523,999 B2 *	4/2009	Iraschko	.....	303/89
2005/0179315 A1 *	8/2005	Severinsson	.....	303/89
2009/0008200 A1 *	1/2009	Tsubouchi et al.	.....	188/356
2009/0062068 A1 *	3/2009	Nakai et al.	.....	477/92
2009/0095581 A1 *	4/2009	Dennis	.....	188/73.43
2009/0176619 A1 *	7/2009	Inoue	477/96
2009/0221391 A1 *	9/2009	Bazyn et al.	475/159

* cited by examiner

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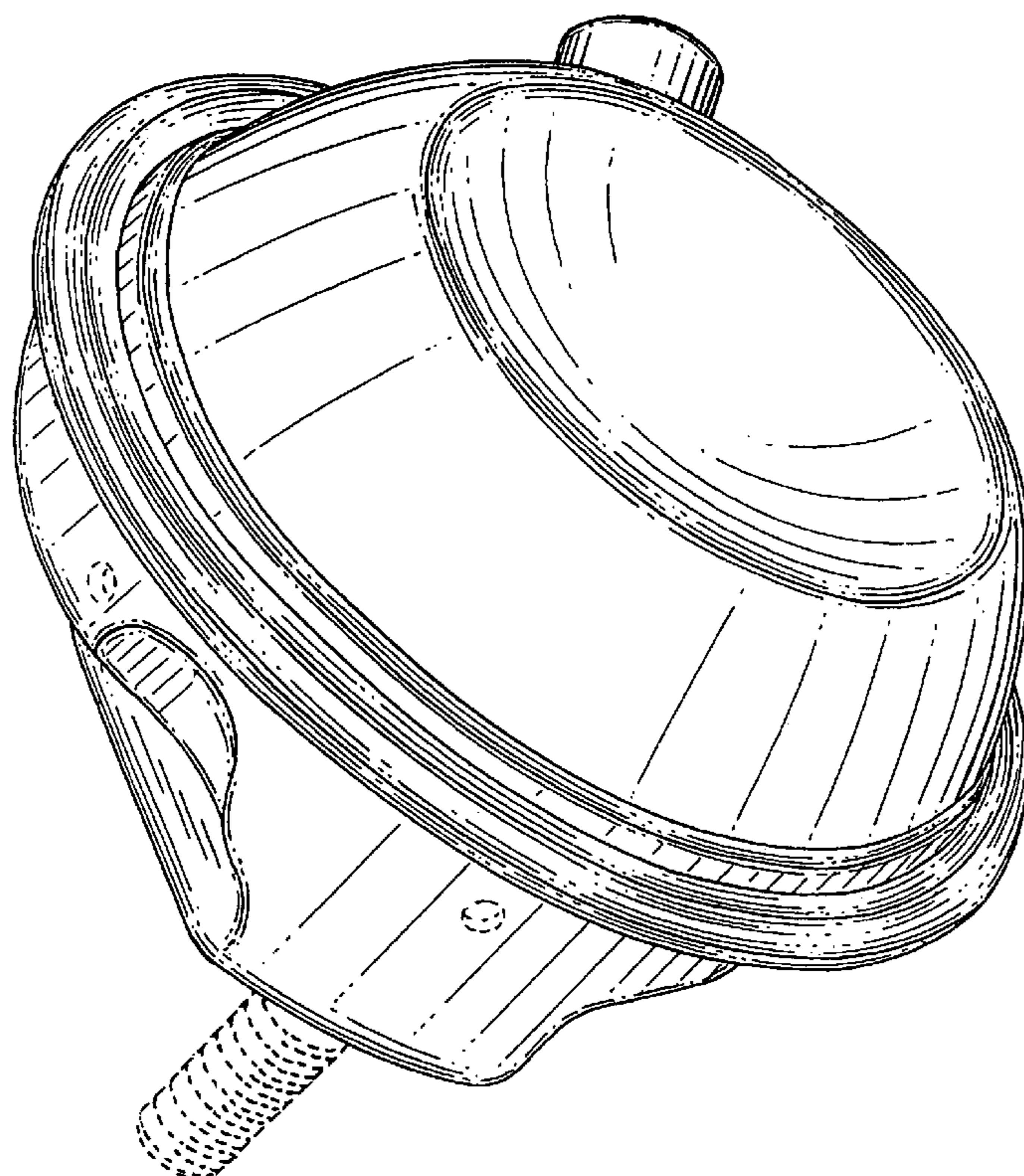
(57) **CLAIM**

The ornamental design for a brake cylinder, as shown.

DESCRIPTION

FIG. 1 is a front, bottom, left side perspective view of a brake cylinder showing the new design;
FIG. 2 is a top perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a right side elevational view thereof;
FIG. 5 is a rear elevational view thereof; and,
FIG. 6 is a rear, bottom, left side perspective view thereof.
The portions of the structure depicted in broken lines form no part of the claimed design.

1 Claim, 4 Drawing Sheets



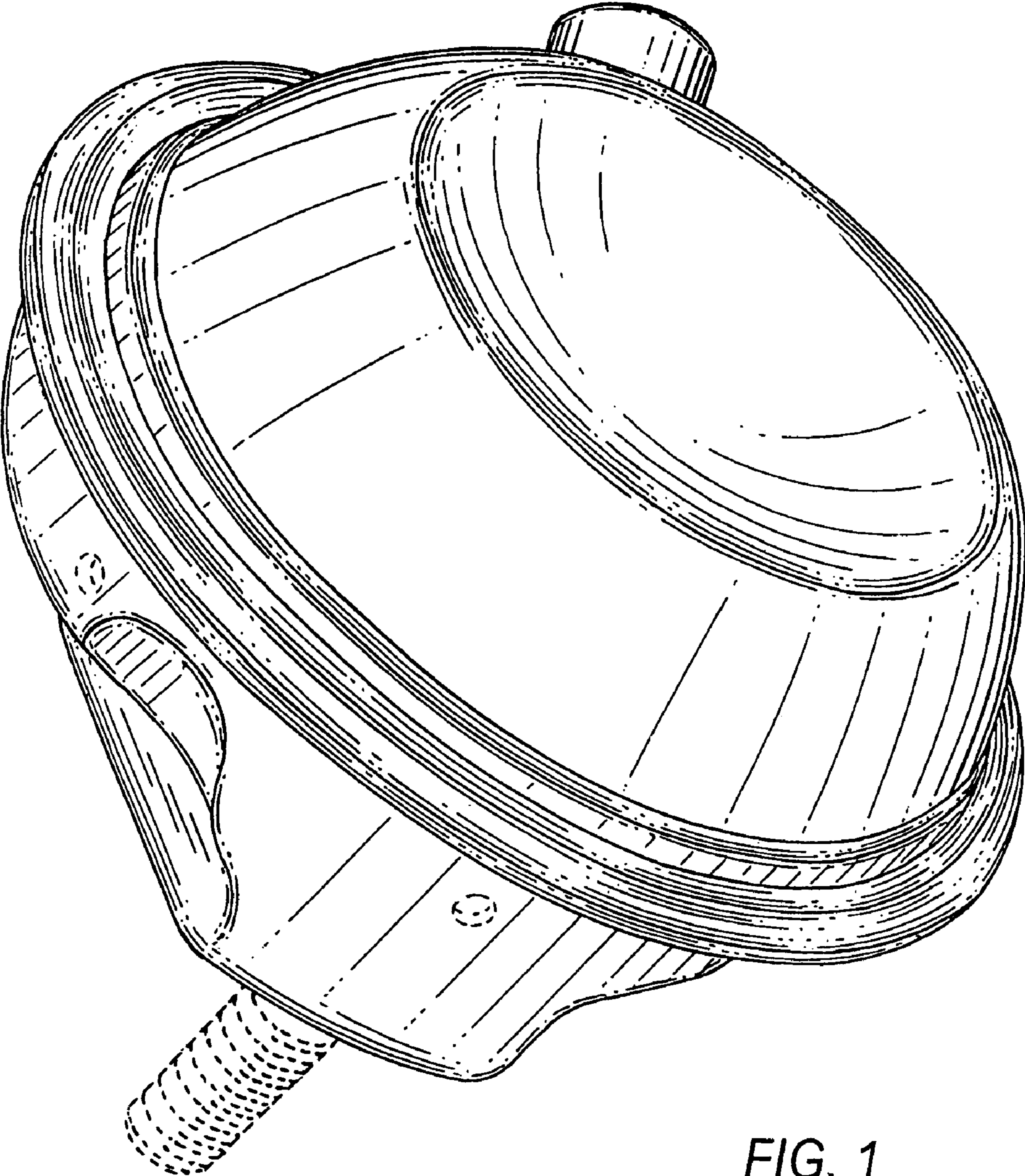


FIG. 1

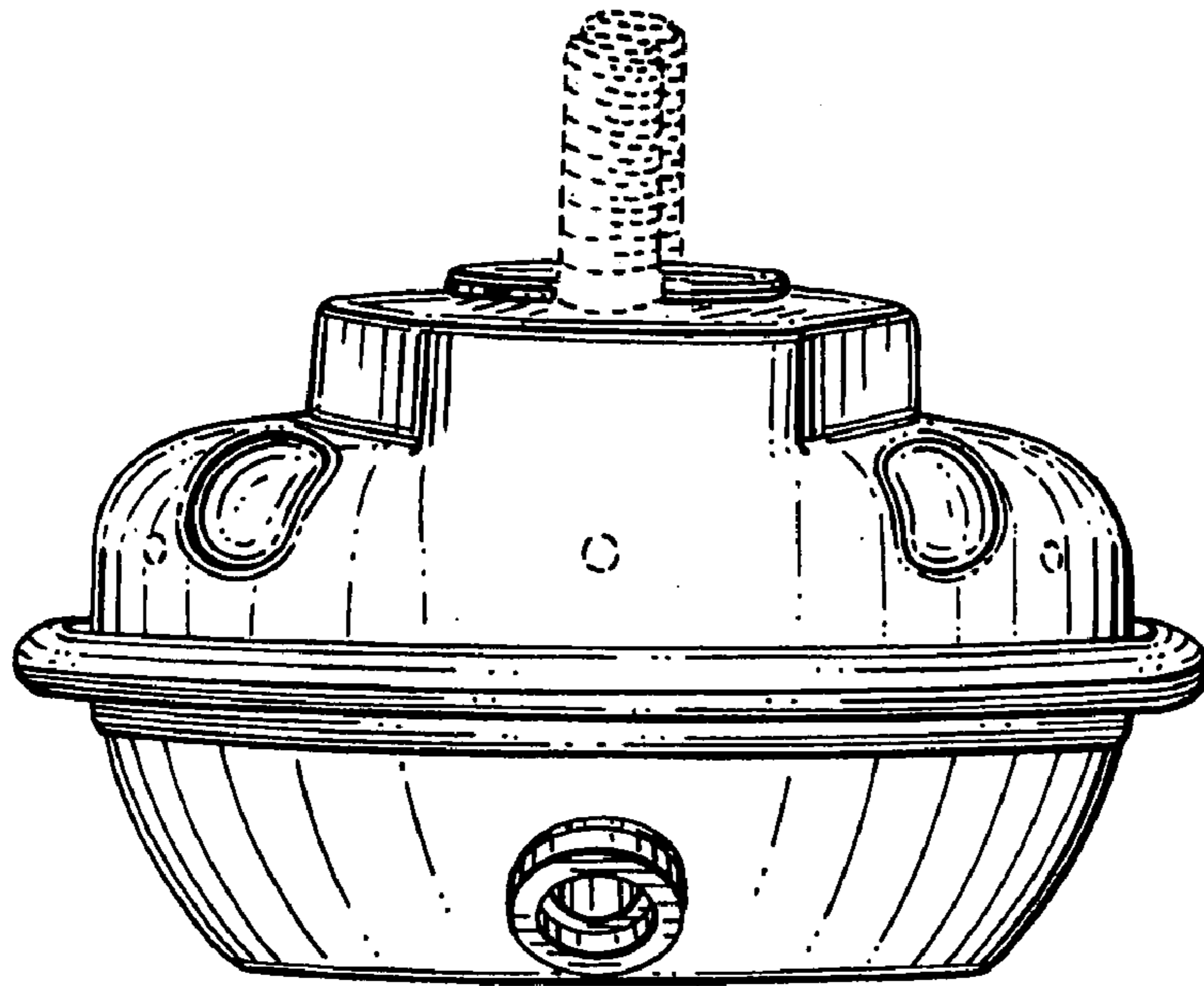


FIG. 2

FIG. 3

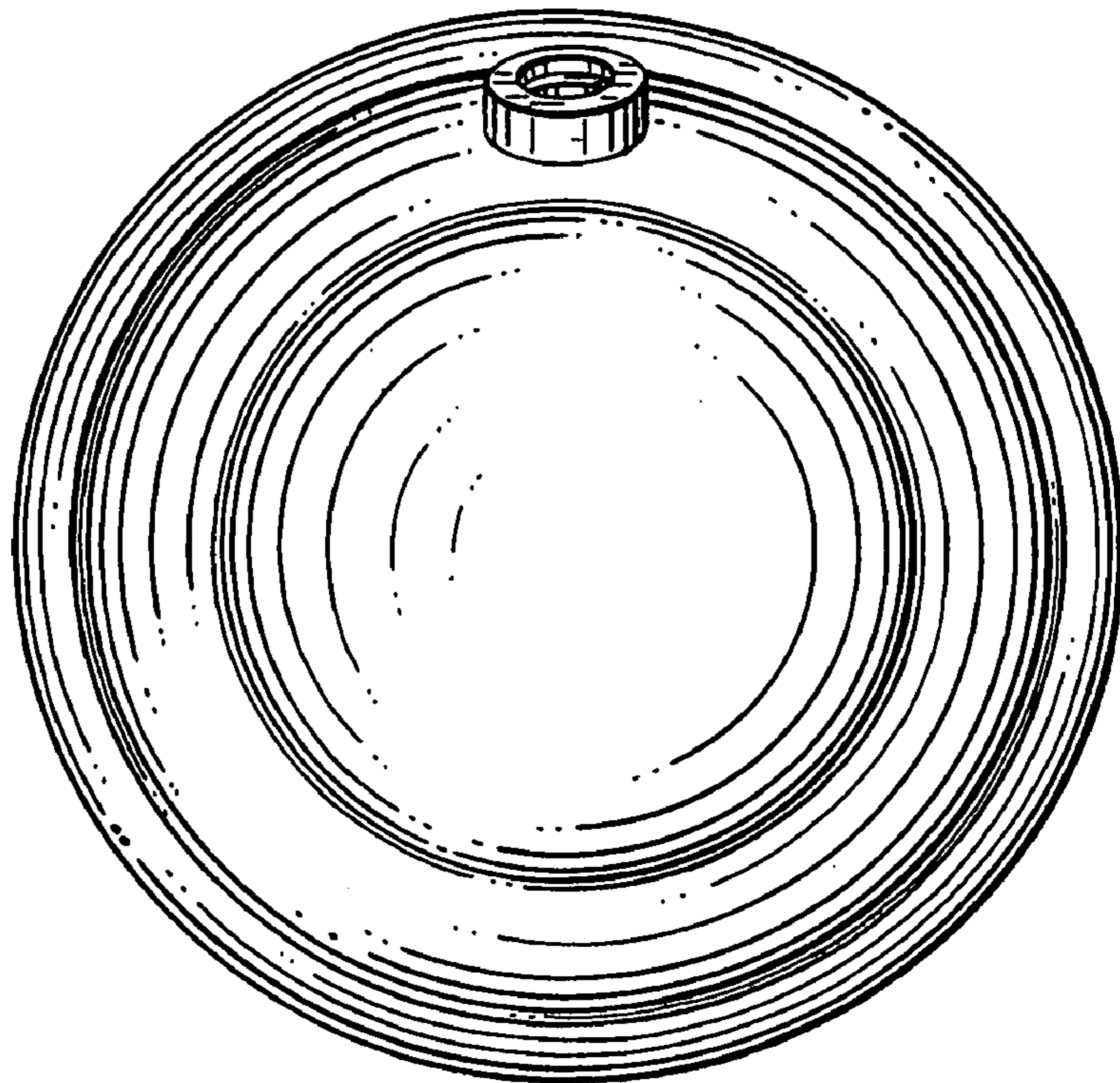


FIG. 4

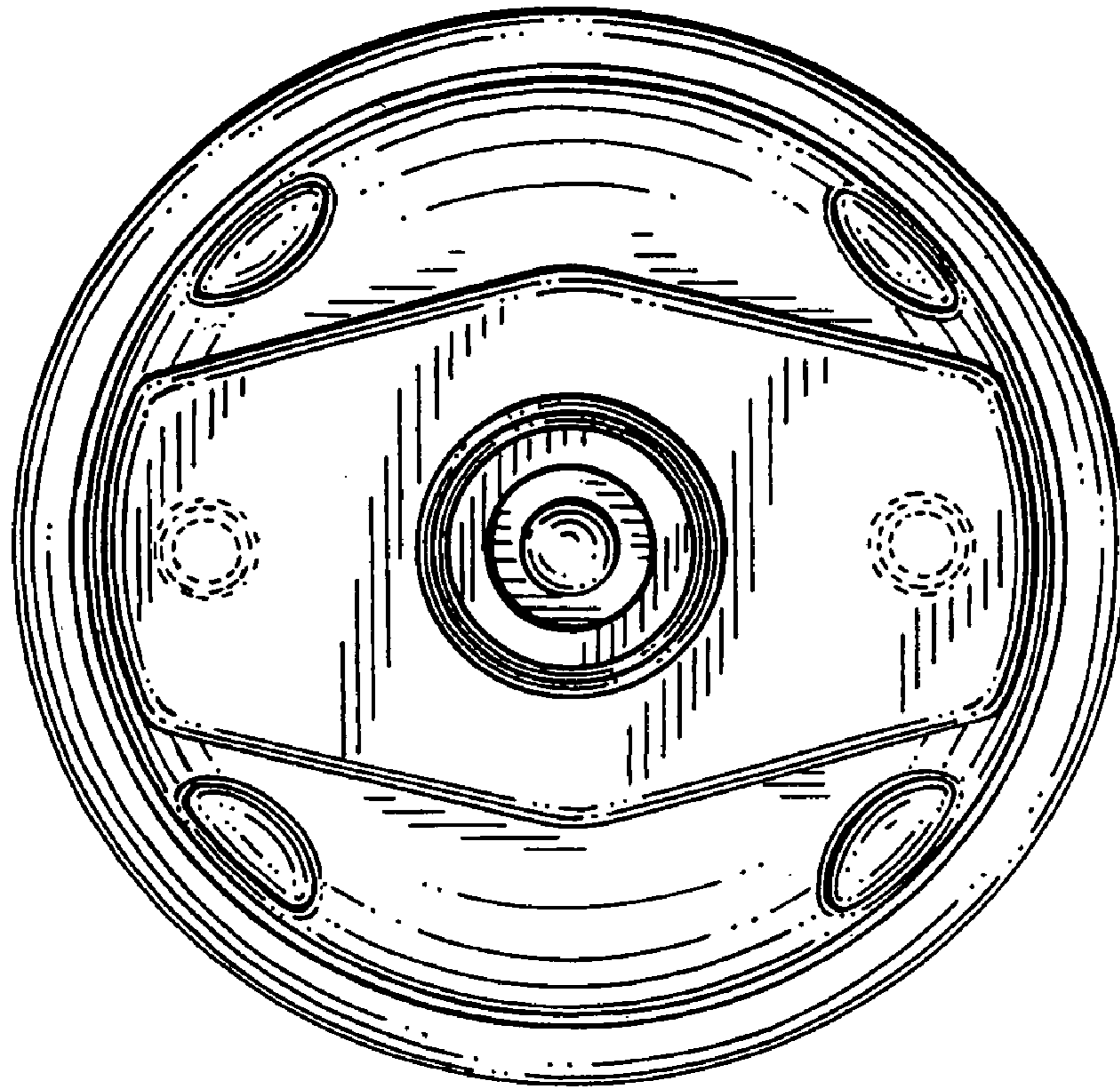
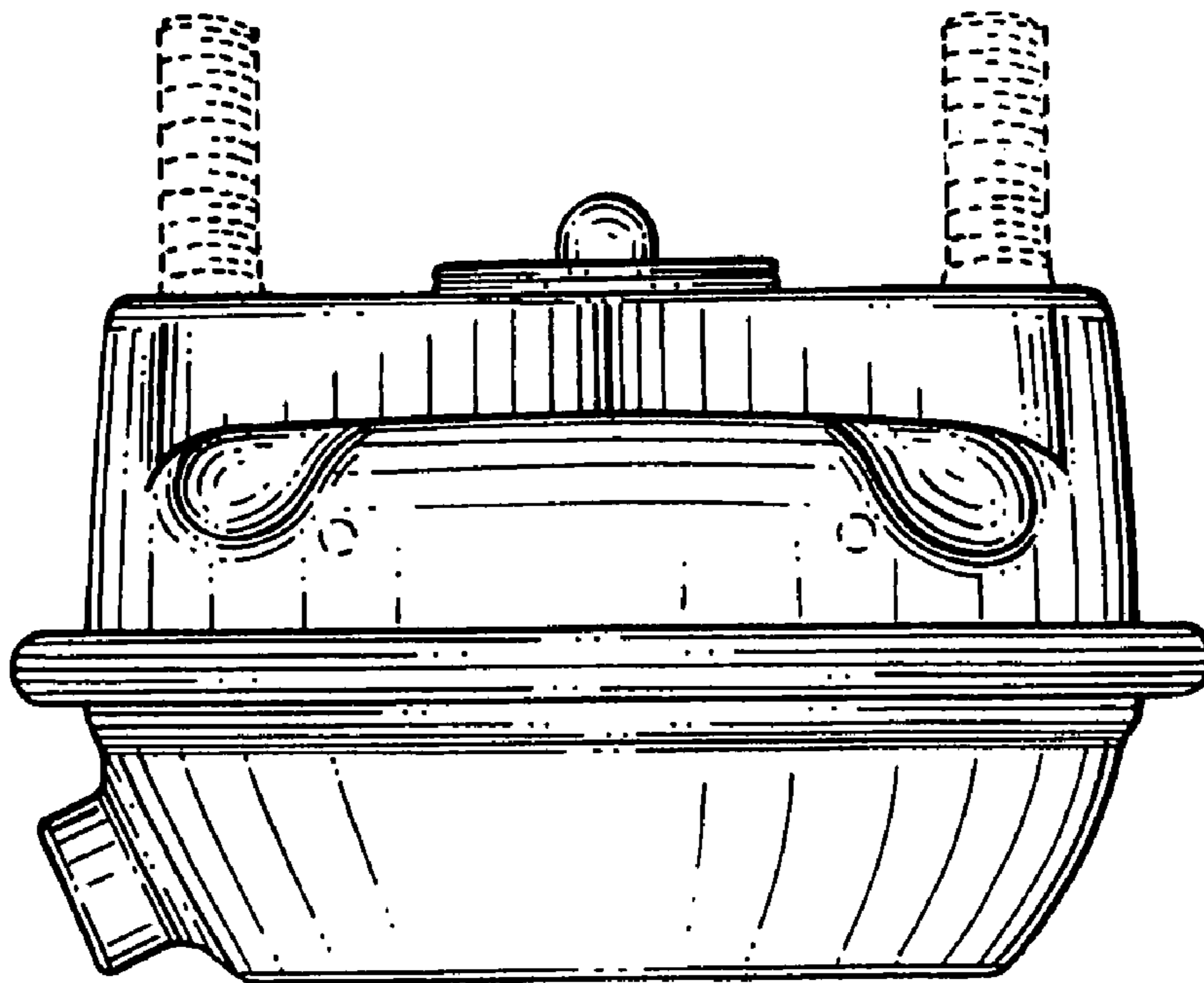


FIG. 5

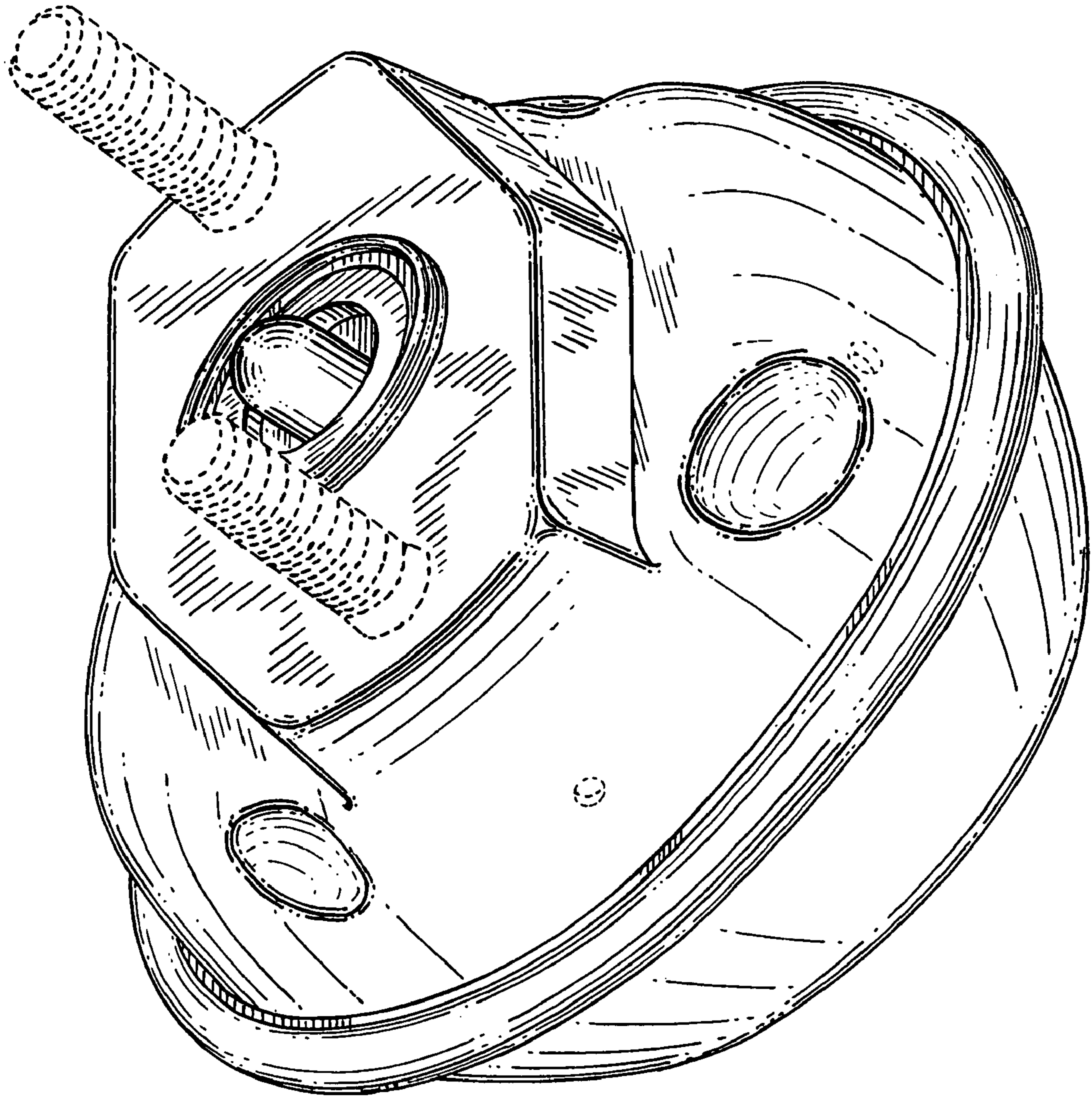


FIG. 6