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

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- (54) **TERMINAL PIN**
- (71) Applicant: **Samsung Electro-Mechanics Co., Ltd.**,
Gyunggi-do (KR)
- (72) Inventors: **Do Jae Yoo**, Gyunggi-do (KR); **Sun Ho Kim**,
Gyunggi-do (KR); **Kwang Soo Kim**, Gyunggi-do (KR); **Bum Seok Suh**,
Gyunggi-do (KR)
- (73) Assignee: **Samsung Electro-Mechanics Co., Ltd.**,
Suwon-Si, Gyeonggi-Do (KR)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/456,642**
- (22) Filed: **May 31, 2013**

D547,872	S *	7/2007	Davis	.....	D24/188
7,382,144	B2 *	6/2008	Lai	.....	324/756.02
D588,064	S *	3/2009	Garner et al.	.....	D13/133
D616,825	S *	6/2010	Nania et al.	.....	D13/147
D617,544	S *	6/2010	Okoniewski, Jr.	.....	D3/7
D659,658	S *	5/2012	Gaines	.....	D13/199
8,272,299	B2 *	9/2012	Urick, Sr.	.....	81/121.1
D681,322	S *	5/2013	Nunez	.....	D3/8
8,464,616	B2 *	6/2013	Chang	.....	81/177.9
2002/0113612	A1 *	8/2002	Nguyen	.....	324/761
2004/0012931	A1 *	1/2004	Pitzele	.....	361/748
2004/0121660	A1 *	6/2004	Armstrong et al.	.....	439/894
2004/0137803	A1 *	7/2004	Pitzele	.....	439/884
2004/0259434	A1 *	12/2004	Pitzele	.....	439/884
2006/0079139	A1 *	4/2006	Boettger	.....	439/884
2007/0134997	A1 *	6/2007	Boettger	.....	439/881
2008/0122464	A1 *	5/2008	Cheng et al.	.....	324/754
2011/0209587	A1 *	9/2011	Urick, Sr.	.....	81/124.6
2013/0036589	A1 *	2/2013	Cocke	.....	29/428
2013/0074661	A1 *	3/2013	Chang	.....	81/177.2
2013/0316600	A1 *	11/2013	Hung	.....	439/884

- (30) **Foreign Application Priority Data**
Mar. 20, 2013 (KR) 30-2013-0014229
- (51) **LOC (10) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/133**
- (58) **Field of Classification Search**
USPC D13/133, 146, 147, 154, 184, 199;
D3/7, 8; D24/188; D32/35; 439/865,
439/866, 881, 884-891, 894; 361/748;
81/177.2, 124.6, 121.1; 29/275;
173/114
See application file for complete search history.

FOREIGN PATENT DOCUMENTS

KR 30-0447398 4/2007

* cited by examiner

Primary Examiner — Thomas Johannes

Assistant Examiner — Khawaja Anwar

(74) *Attorney, Agent, or Firm* — McDermott Will & Emery LLP

(57) **CLAIM**

The ornamental design for a terminal pin, as shown and described.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D138,330 S * 7/1944 Wisecarver D3/7
2,880,500 A * 4/1959 Christian 29/275
D223,109 S * 3/1972 Murphy D13/133
5,533,580 A * 7/1996 Reaves 173/114
D387,524 S * 12/1997 Allen et al. D32/35
D503,385 S * 3/2005 Hosokawa D13/147
7,143,491 B2 * 12/2006 Wood 29/275

DESCRIPTION

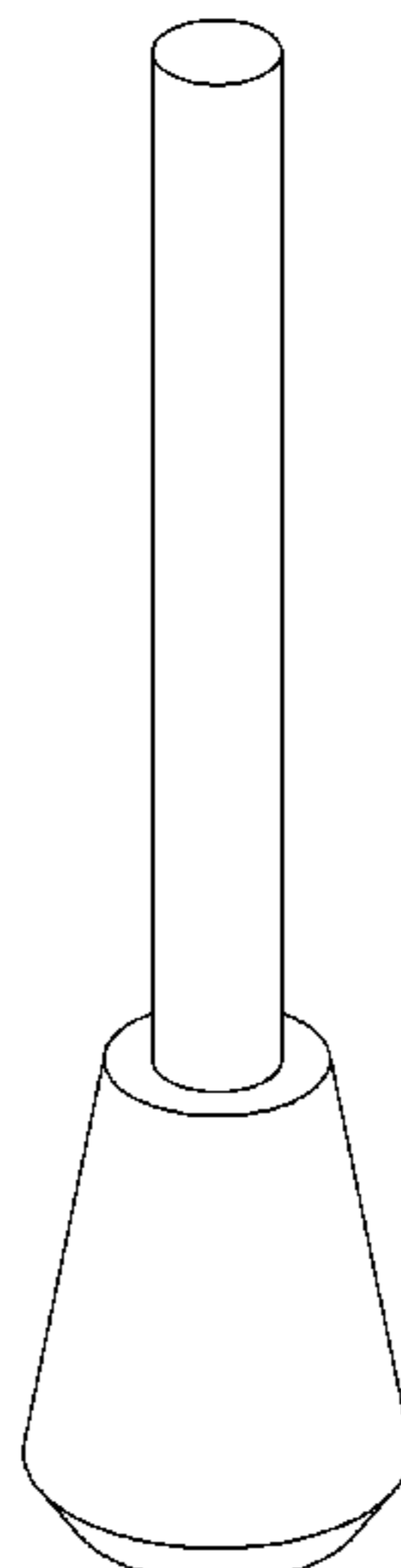
FIG. 1 is a perspective view of a terminal pin showing our new design;

FIG. 2 is a front view thereof; the rear view, left-side view and right-side view are mirror images thereto;

FIG. 3 is a plan view thereof; and,

FIG. 4 is a bottom view thereof.

1 Claim, 3 Drawing Sheets



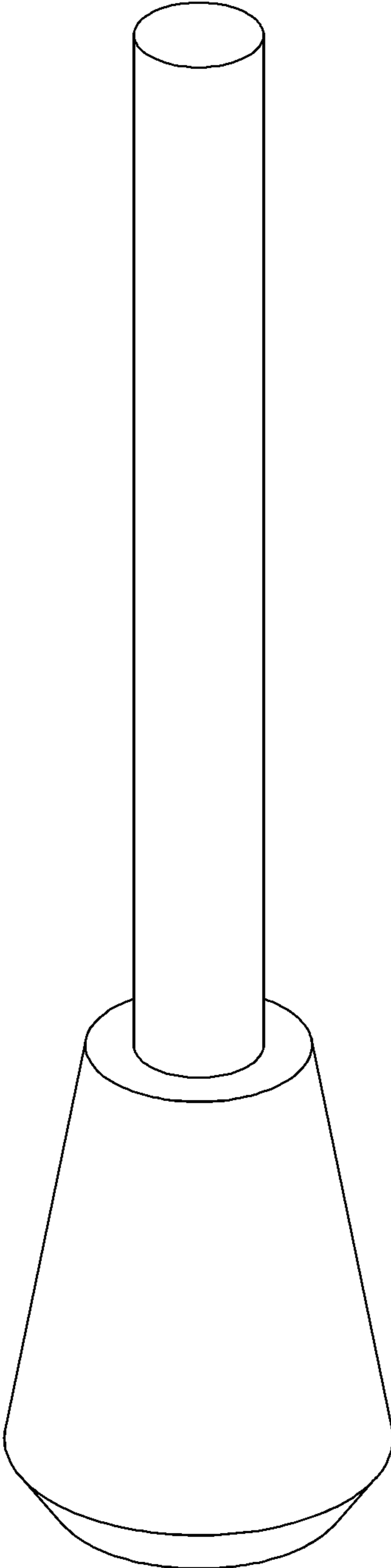


FIG. 1

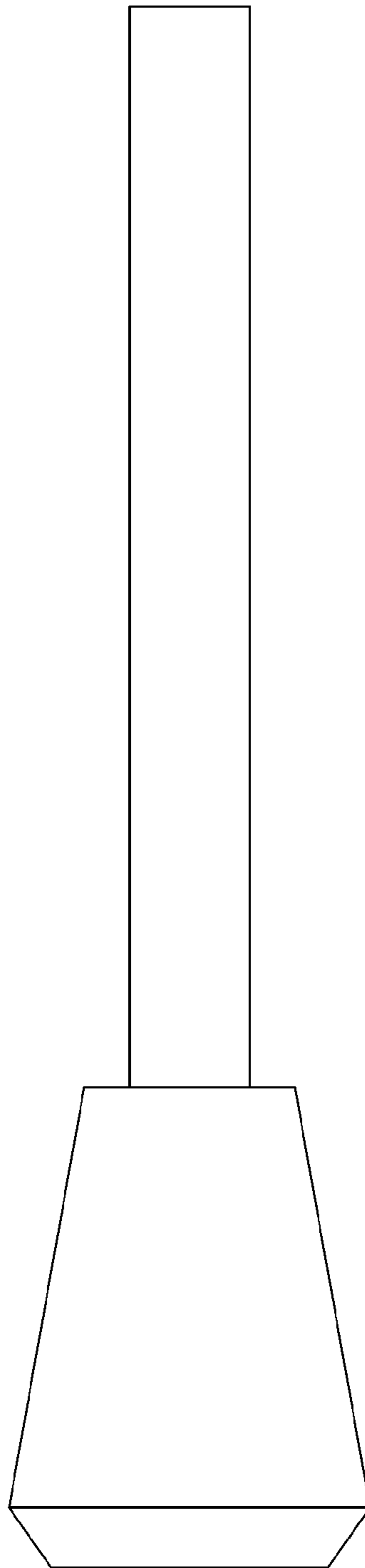


FIG. 2

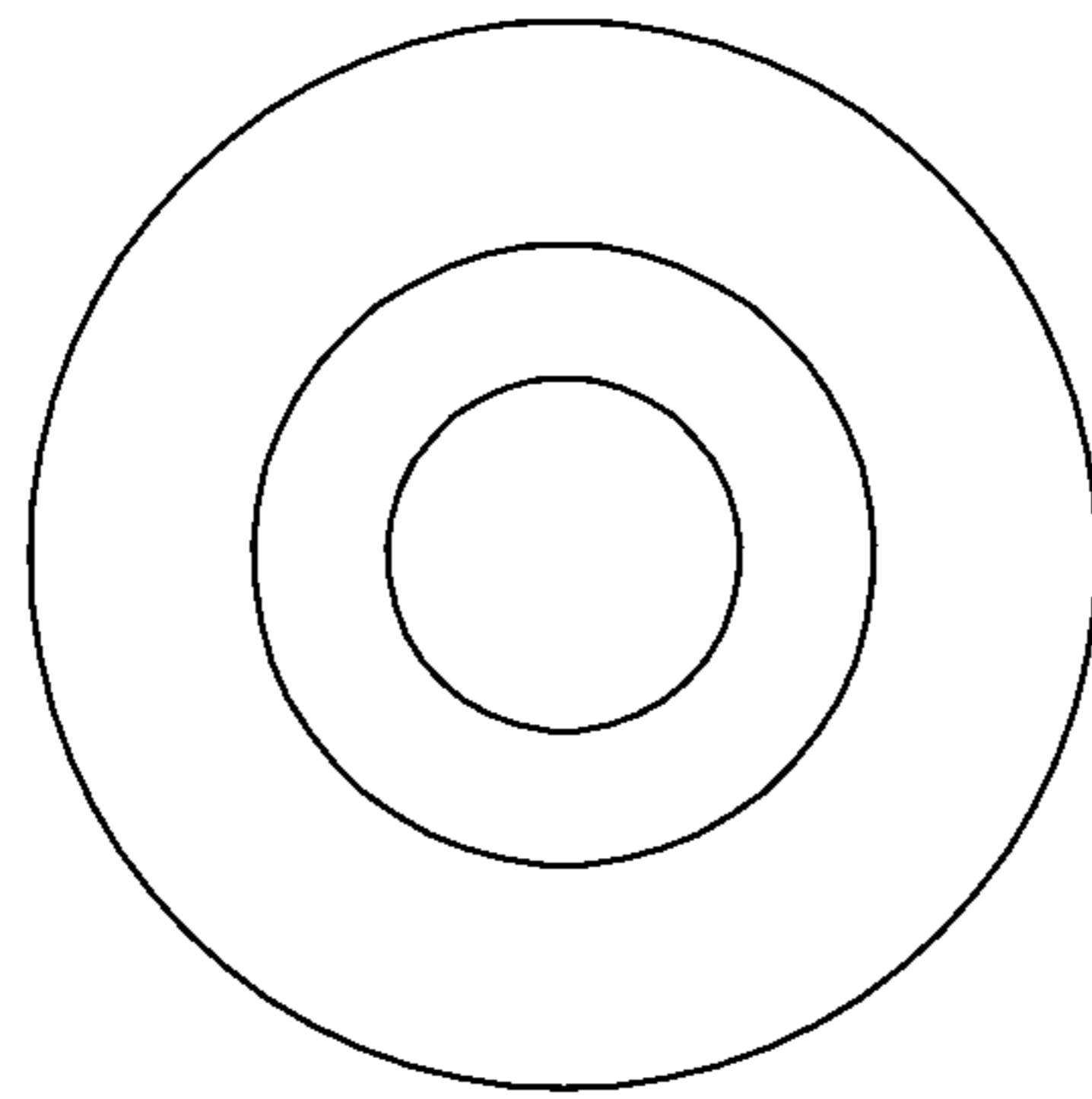


FIG. 3

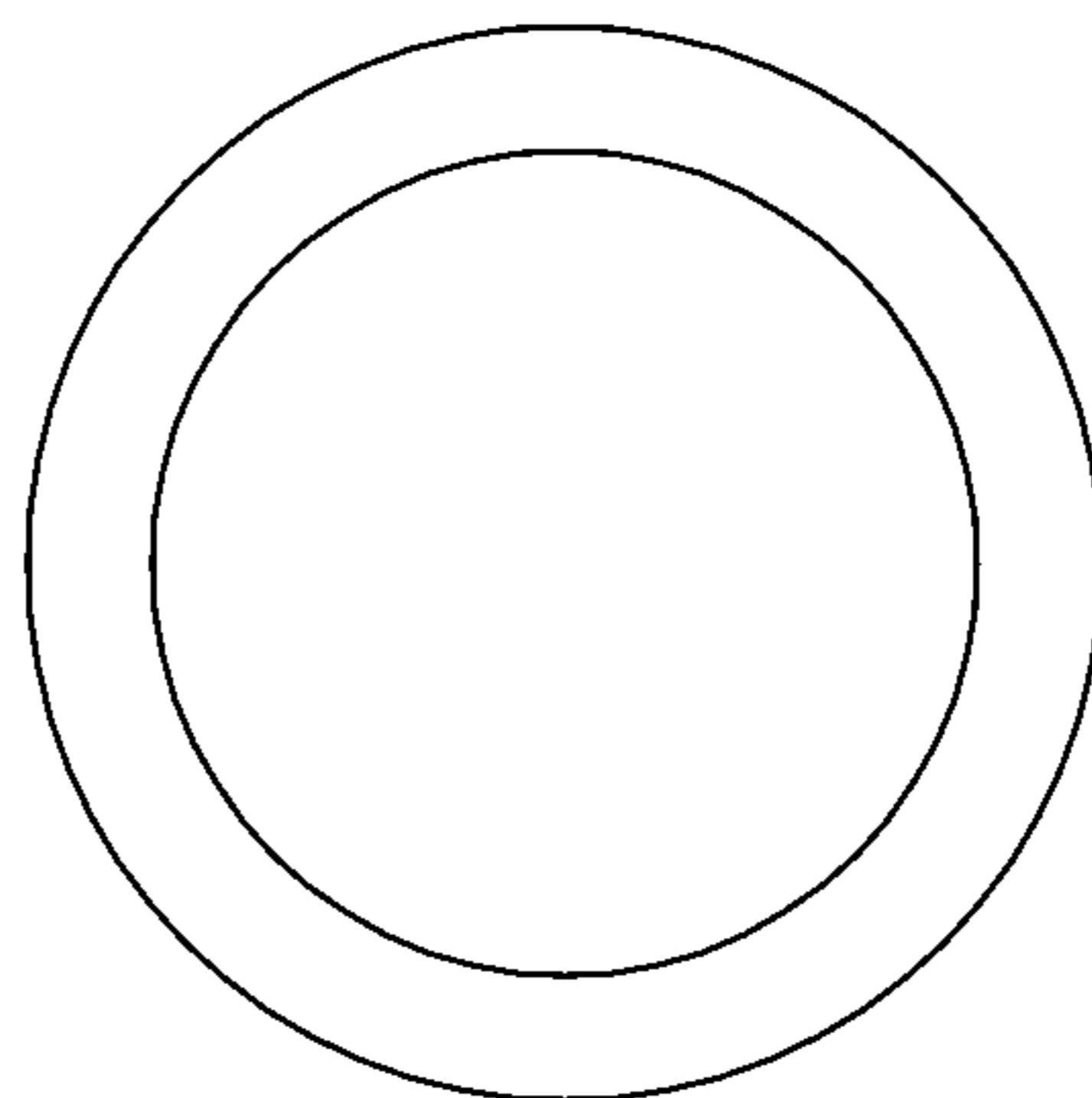


FIG. 4