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

(10) **Patent No.:** **US D722,361 S**
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- (54) **COMBINED BATH MIXER POP-UP WASTE AND OVERFLOW**
- (71) Applicant: **Sheng Tai Brassware Co., Ltd.**, Ho Me Chen, Changhua Hsien (TW)
- (72) Inventor: **Chia-Chen Pan**, Changhua Hsien (TW)
- (73) Assignee: **Sheng Tai Brassware Co., Ltd.**, Ho Me Chen, Changhua Hsien (TW)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/483,058**

6,173,459	B1 *	1/2001	Ball	4/680
6,216,288	B1 *	4/2001	Bernau	4/694
6,484,331	B2 *	11/2002	Minnick	4/694
6,606,753	B2 *	8/2003	Minnick	4/694
6,618,875	B1 *	9/2003	Oropallo et al.	4/694
6,675,406	B2 *	1/2004	Ball	4/683
6,681,420	B1 *	1/2004	Ball	4/680
6,823,540	B2 *	11/2004	Gunn	4/680
6,886,193	B2 *	5/2005	McAlpine	4/680
7,096,522	B2 *	8/2006	Hirtriter	4/694
7,127,752	B2 *	10/2006	Ball	4/680
8,028,357	B2 *	10/2011	Ball	4/680
8,122,533	B2 *	2/2012	Rudisser	4/679
8,201,289	B2 *	6/2012	Edmonds et al.	4/680
8,321,970	B2 *	12/2012	Ball	4/680
8,584,272	B2 *	11/2013	Ball	4/680
8,635,719	B2 *	1/2014	Homami et al.	4/694

(Continued)

- (22) Filed: **Feb. 25, 2014**
- (51) **LOC (10) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/233**
- (58) **Field of Classification Search**
CPC E03C 1/24; E03C 1/23; E03C 1/086;
E03C 1/12; E03C 1/20; E03C 1/2302; E03C
1/232; E03C 1/244; E03C 2001/2317; E03C
2001/2406; E03B 1/042; E03B 1/044; G01F
23/241; G01F 23/242
USPC D23/233-250; 239/1, 547; 4/694, 651,
4/661, 538, 680, 682, 683; 340/618, 562;
137/392; 285/3; 16/441
See application file for complete search history.

Primary Examiner — Cynthia Ramirez
Assistant Examiner — Gino Colan
(74) *Attorney, Agent, or Firm* — patenttm.us

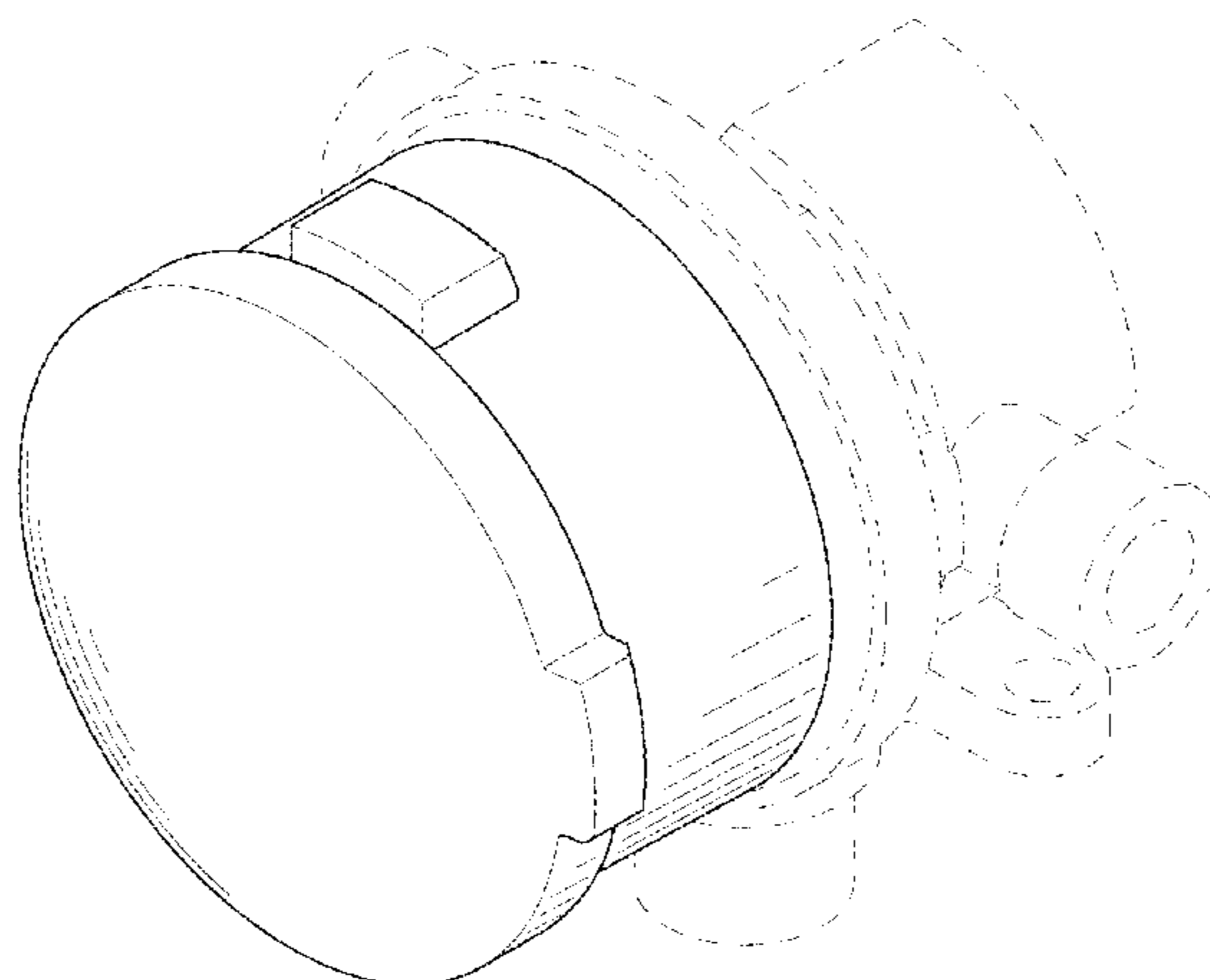
(57) **CLAIM**
The ornamental design for a combined bath mixer pop-up waste and overflow, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a combined bath mixer pop-up waste and overflow showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left view thereof;
FIG. 5 is a right view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is an operational perspective view thereof with bathtub; and,
FIG. 9 is an enlarge perspective view thereof with bathtub.
The broken lines shown in the figures are included for the purpose of illustrating environment and form no part of the claimed design.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
1,870,089 A * 8/1932 Bloch 4/694
3,495,280 A * 2/1970 Galbiati 4/679
3,570,020 A * 3/1971 Hart et al. 4/694
5,123,123 A * 6/1992 Hart et al. 4/684
5,228,153 A * 7/1993 Frankel 4/694
5,661,462 A * 8/1997 Shrewsbury-Gee 340/618
5,662,138 A * 9/1997 Wang 137/433
5,890,241 A * 4/1999 Ball 4/538
6,073,278 A * 6/2000 Ball 4/694
6,138,298 A * 10/2000 Ball 4/694

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,769,736 B2 * 7/2014 Ball 4/694
8,806,671 B2 * 8/2014 Ball et al. 4/683
8,807,449 B1 * 8/2014 Obi 239/1
2004/0111797 A1 * 6/2004 Ball 4/680
2005/0204468 A1 * 9/2005 Gunn 4/680

2008/0178382 A1 * 7/2008 Pinette et al. 4/689
2010/0052920 A1 * 3/2010 Roach 340/618
2012/0204345 A1 * 8/2012 Ball et al. 4/694
2013/0025047 A1 * 1/2013 Hennes et al. 4/679
2013/0042405 A1 * 2/2013 Marotz et al. 4/679
2014/0101845 A1 * 4/2014 Homami et al. 4/680
2014/0259386 A1 * 9/2014 Antoniello 4/694

* cited by examiner

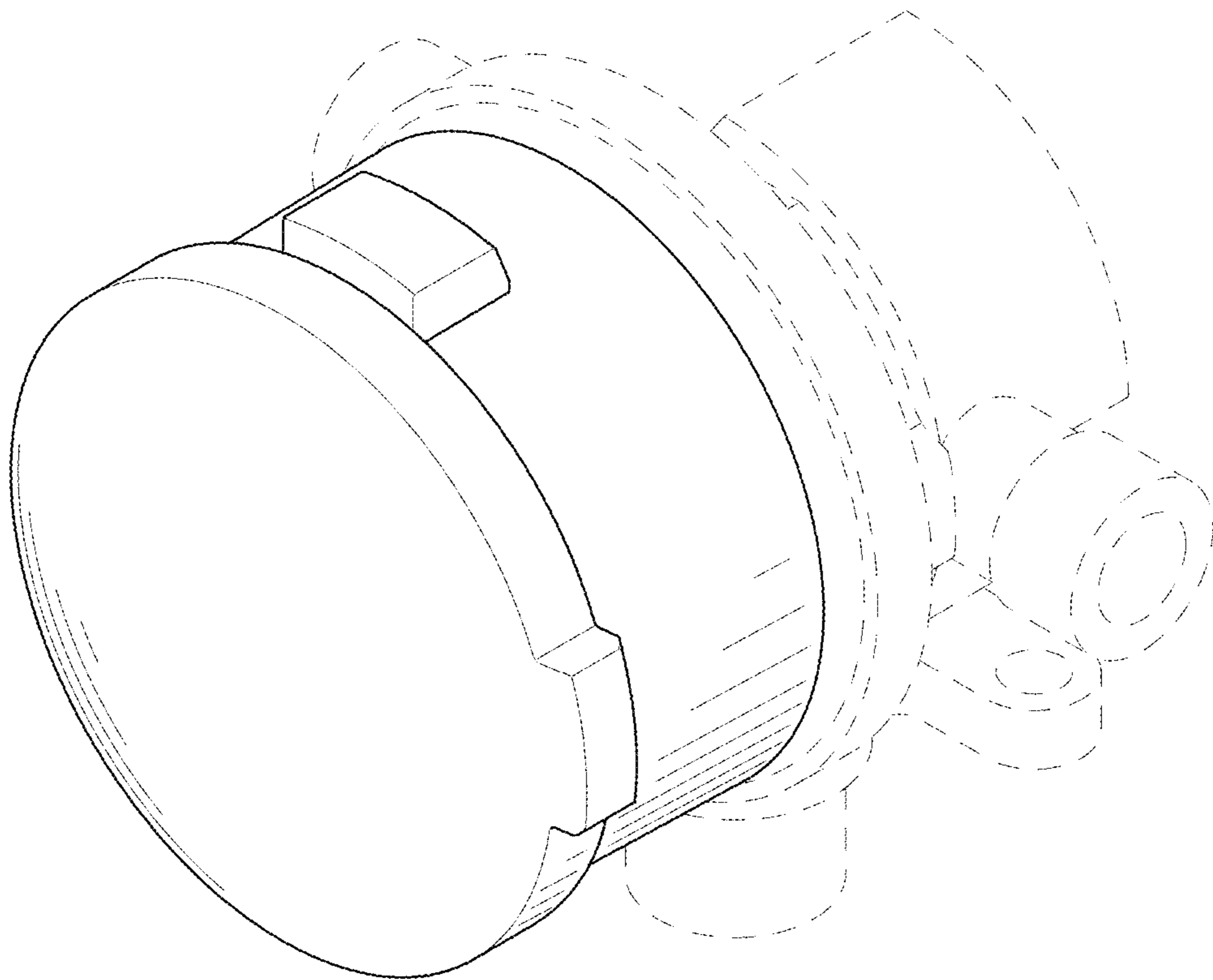


FIG.1

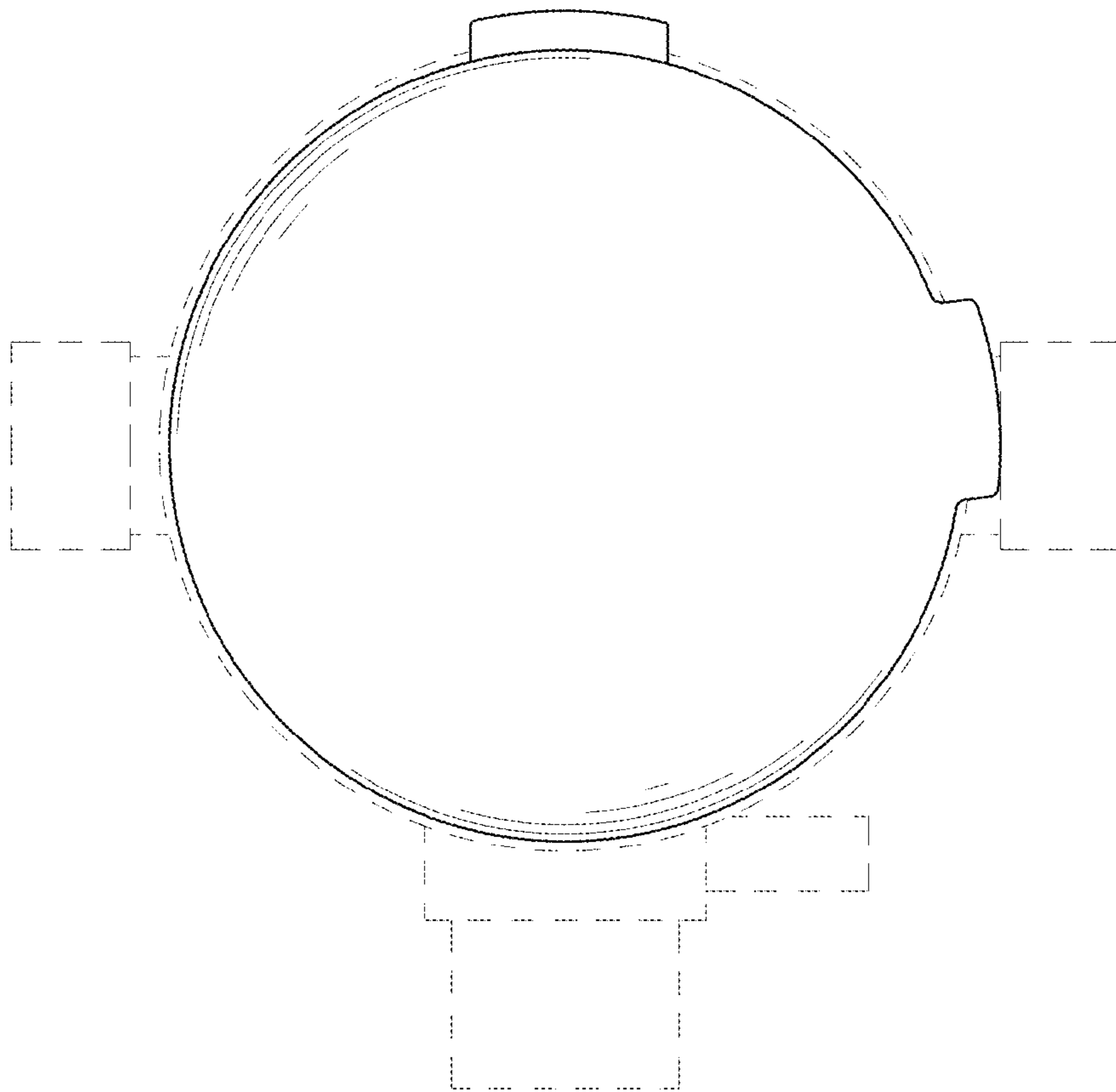


FIG.2

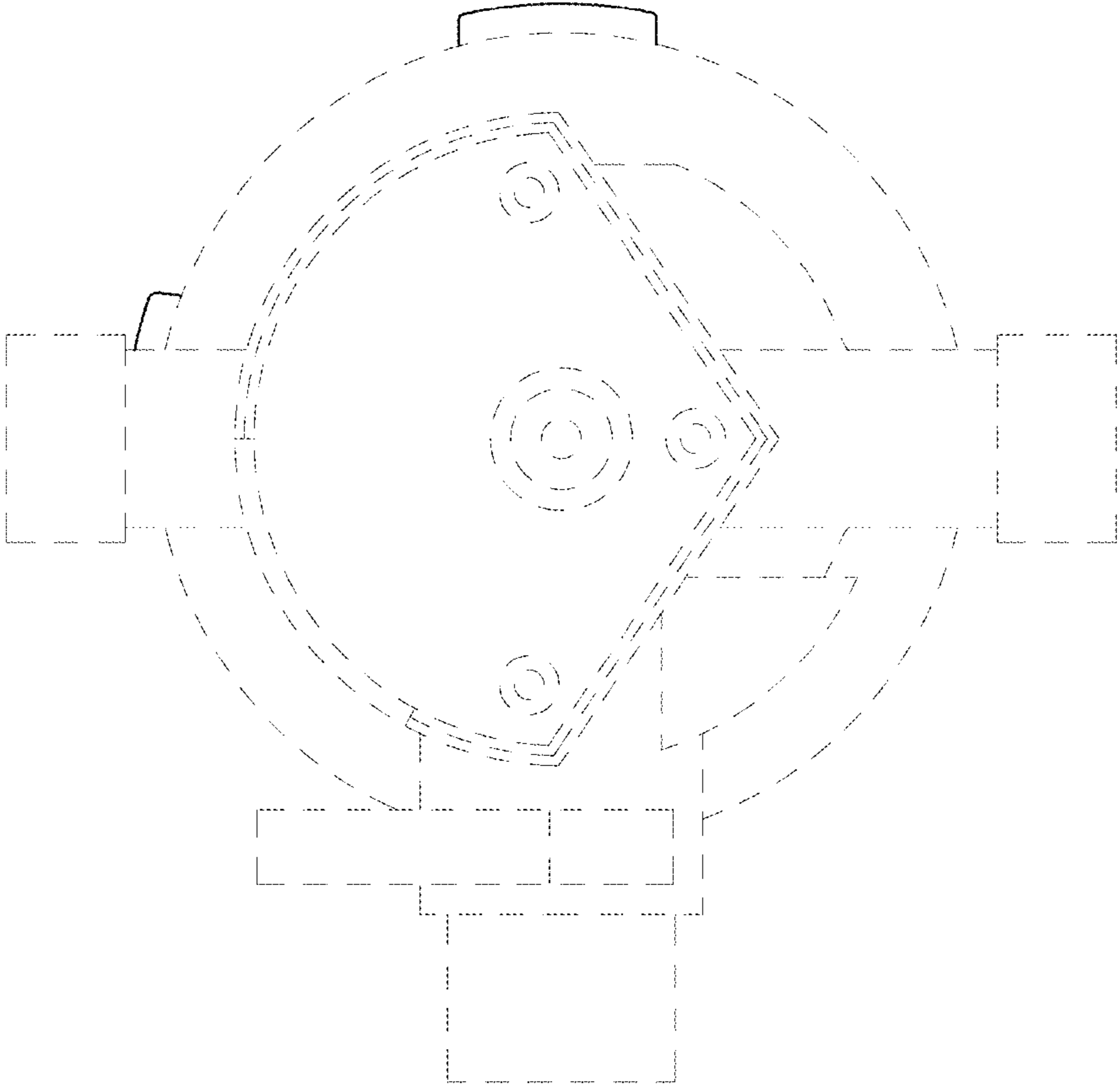


FIG.3

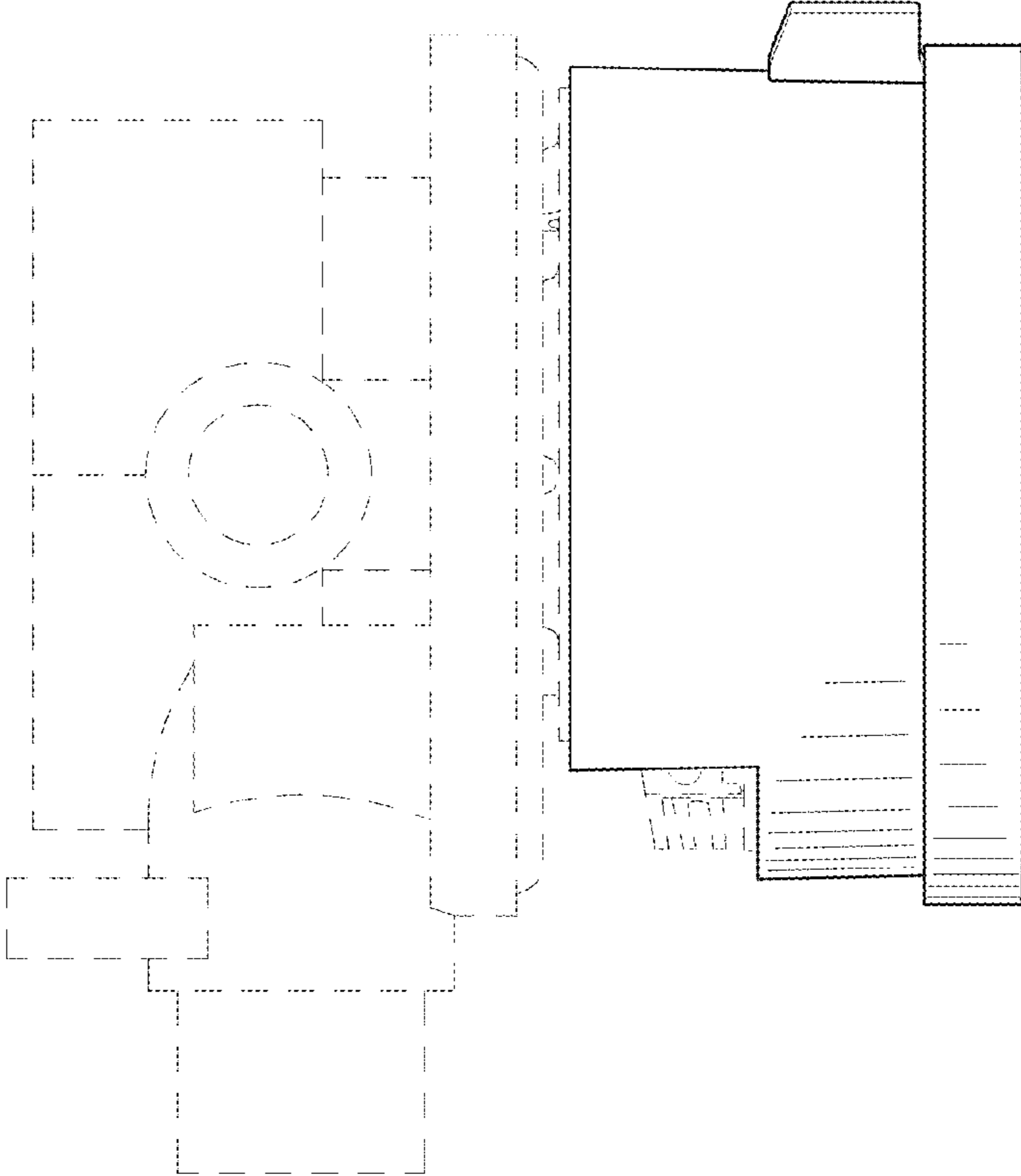


FIG.4

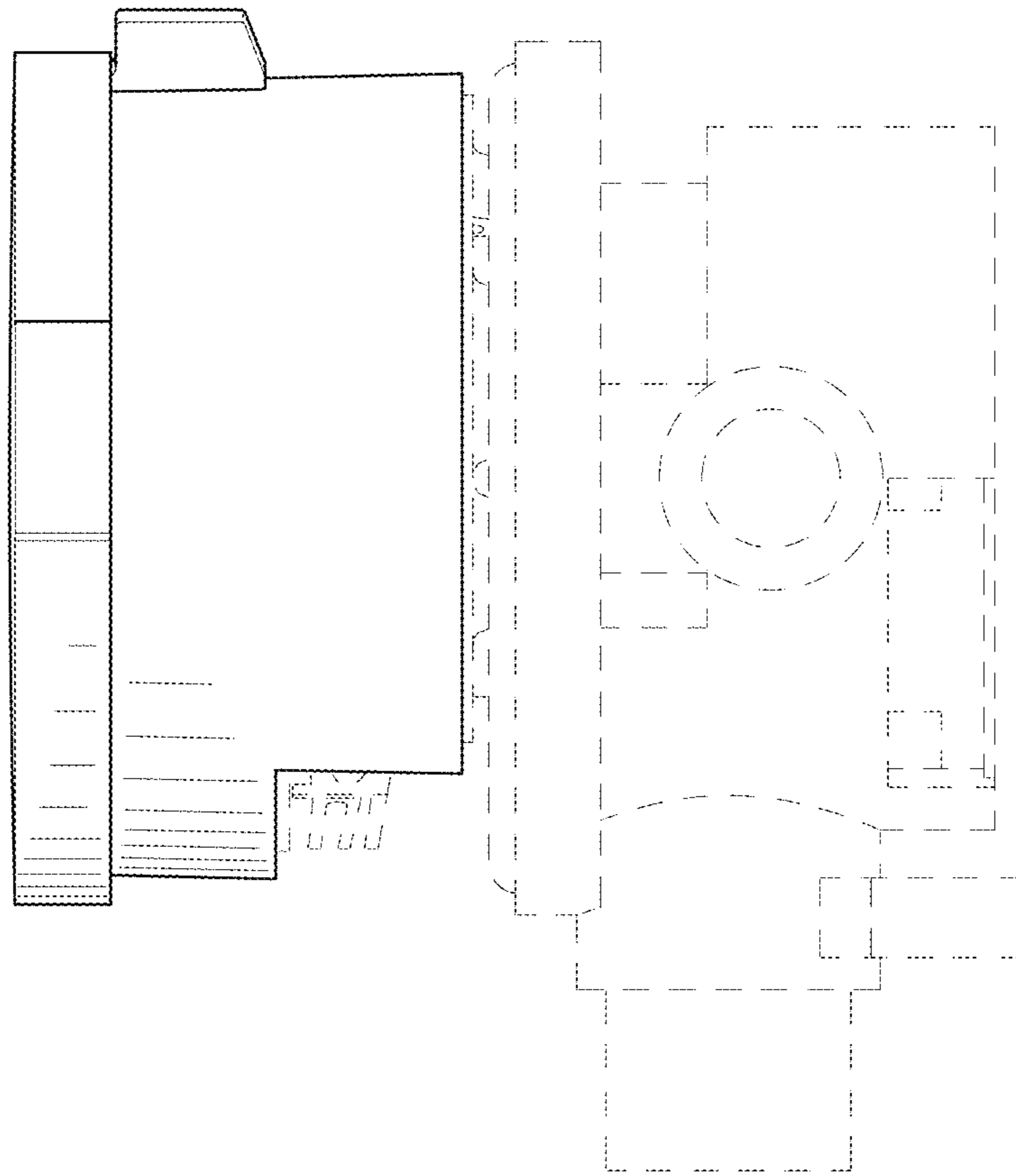


FIG.5

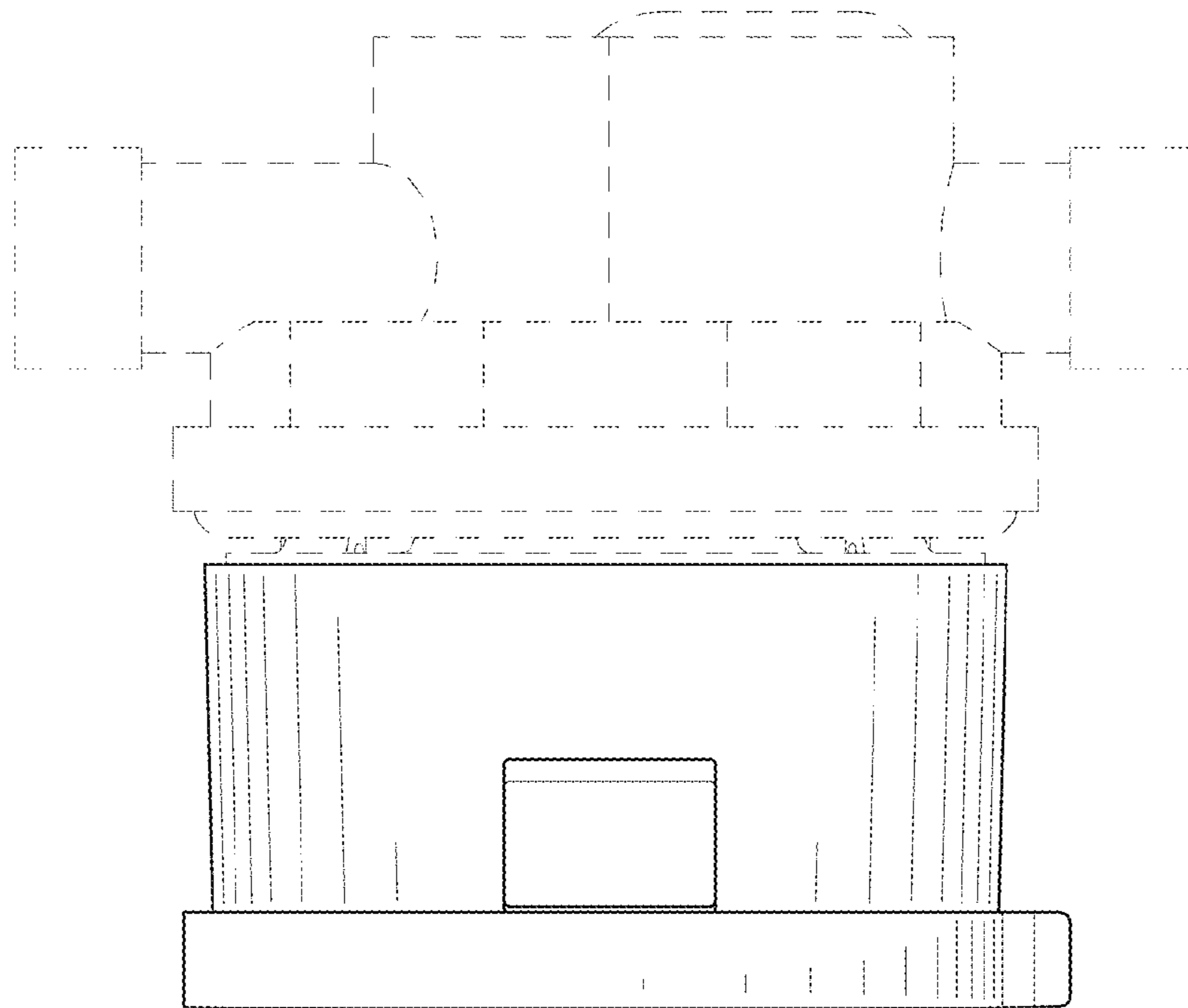


FIG.6

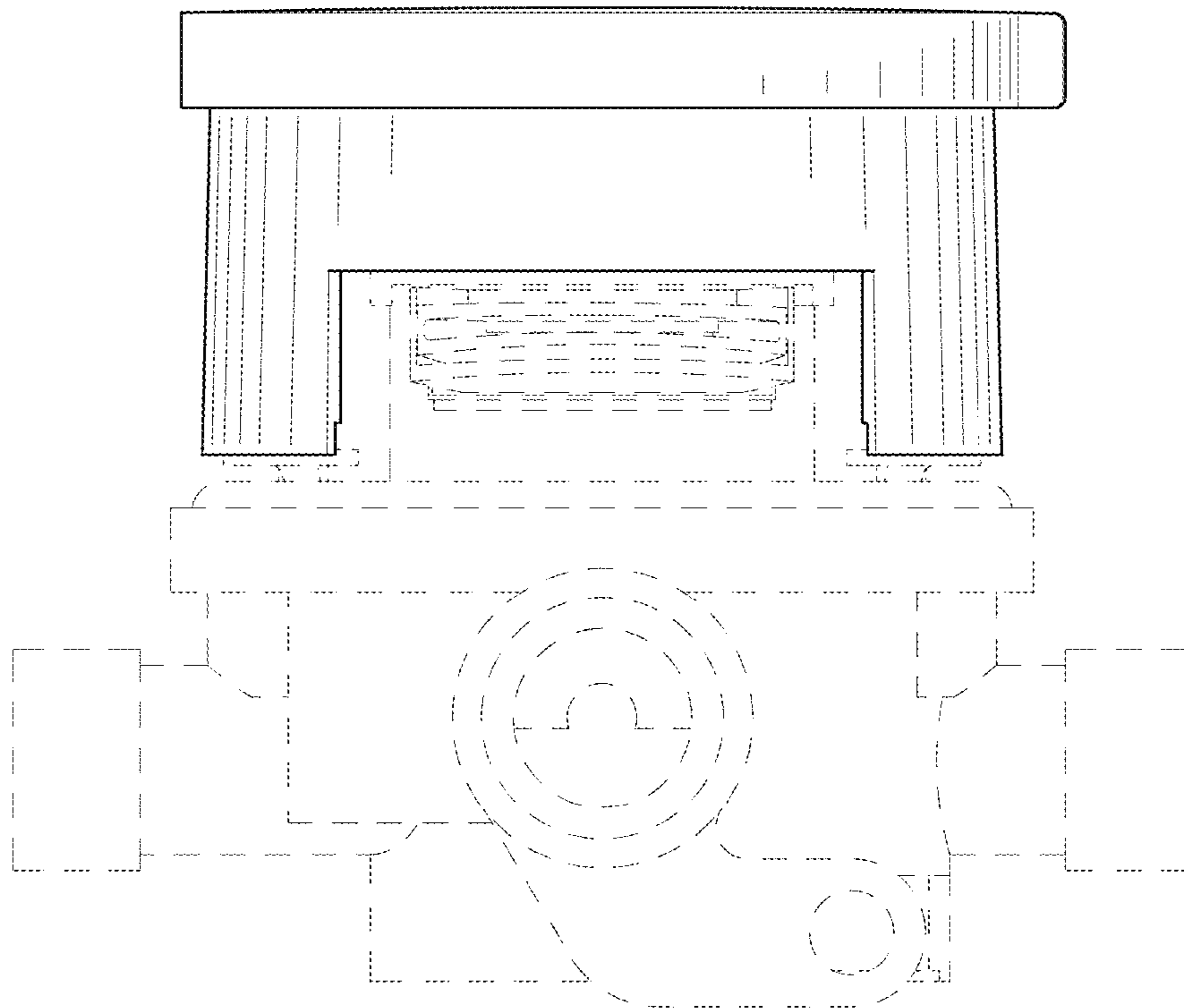


FIG.7

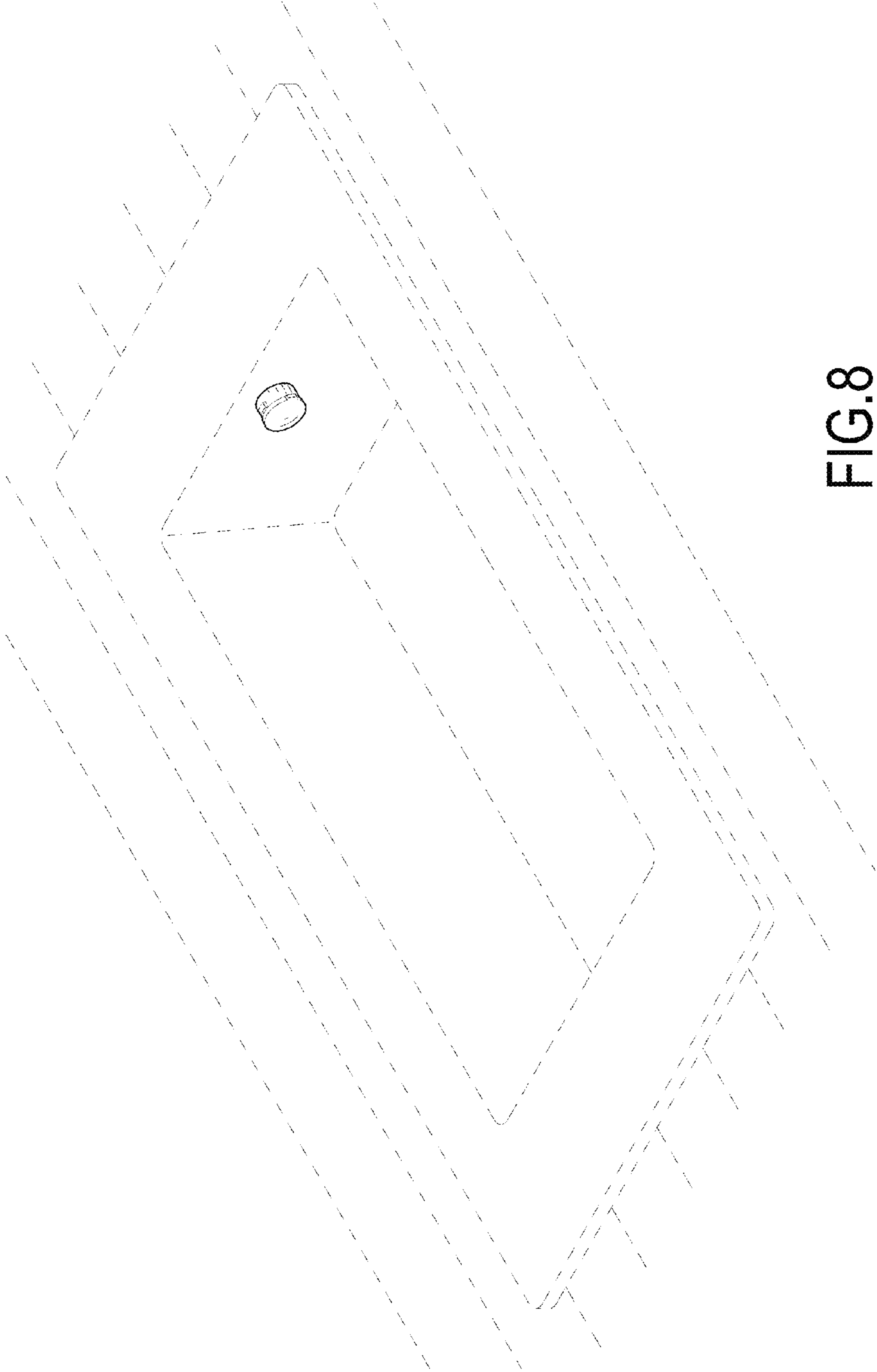


FIG.8

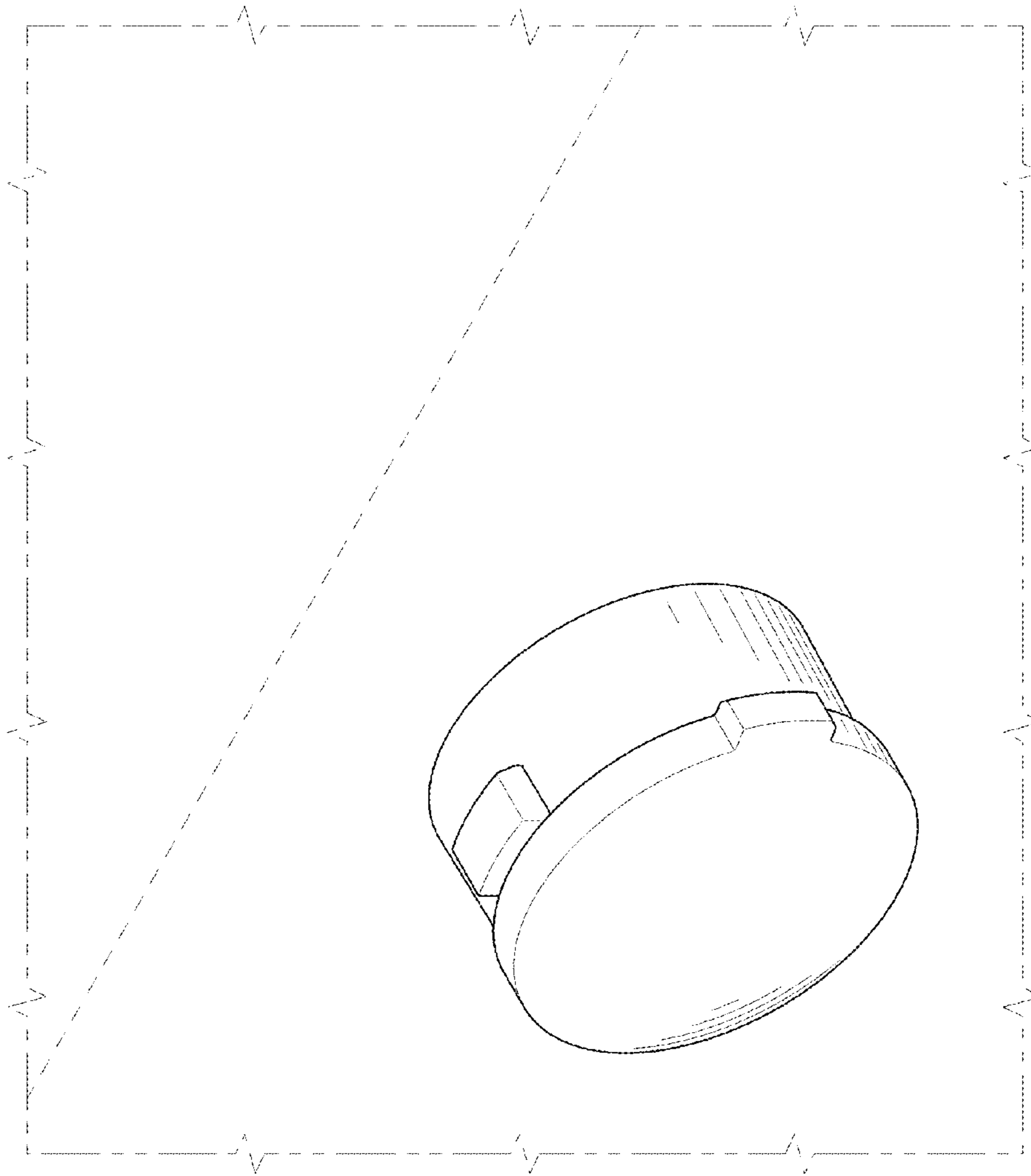


FIG.9