



US00D801402S

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

(10) **Patent No.:** **US D801,402 S**
(45) **Date of Patent:** **** Oct. 31, 2017**

- (54) **BIT BREAKER TOP AND BOTTOM**
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- (72) Inventor: **Ryan Matthews**, Fort Worth, TX (US)
- (73) Assignee: **Ultrerra Drilling Technologies, L.P.**, Fort Worth, TX (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/540,220**
- (22) Filed: **Sep. 22, 2015**

4,244,469	A *	1/1981	Miner	.....	E21B 12/04 206/349
4,495,840	A *	1/1985	Freitag	.....	E21B 19/18 175/315
4,733,789	A *	3/1988	Olson	.....	E21B 12/00 206/379
6,311,789	B1 *	11/2001	Saxman	.....	E21B 19/18 175/57
6,536,192	B2 *	3/2003	King	.....	B65D 51/26 206/349
7,062,991	B1 *	6/2006	West	.....	E21B 19/18 81/57.16
8,002,112	B2 *	8/2011	Weaver	.....	E21B 10/00 206/349
8,327,944	B2 *	12/2012	King	.....	E21B 12/00 166/117.5

* cited by examiner

Related U.S. Application Data

- (62) Division of application No. 29/490,059, filed on May 6, 2014, now Pat. No. Des. 741,926.
- (51) **LOC (10) Cl.** **15-09**
- (52) **U.S. Cl.**
USPC **D15/140**
- (58) **Field of Classification Search**
USPC D15/138, 139, 140; D8/14, 71; D3/272, D3/269, 273; D34/9; D9/428
CPC E21B 19/18; E21B 19/00; E21B 12/00
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a bit breaker top and bottom, as shown and described.

DESCRIPTION

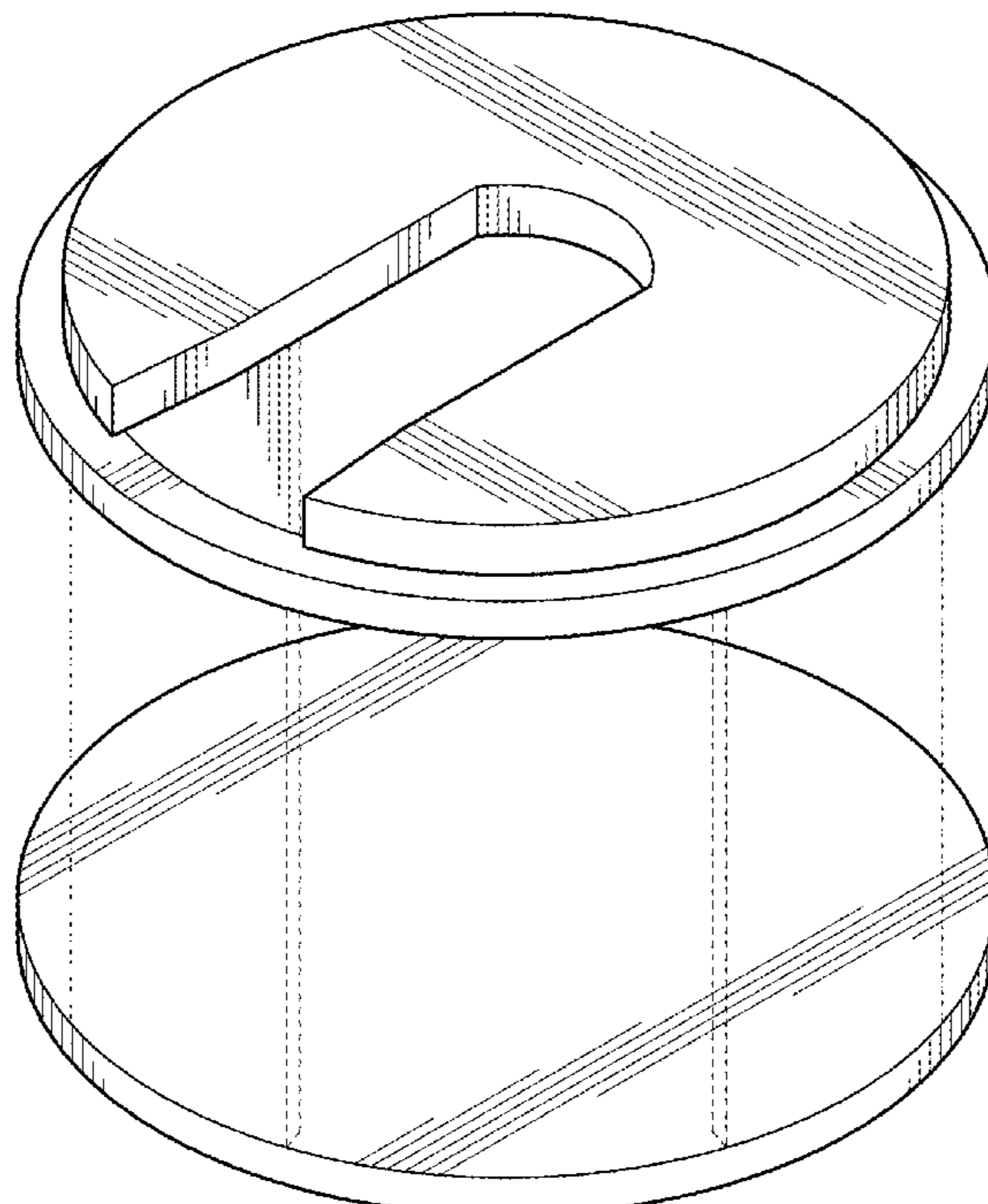
FIG. 1 is a top perspective view of the bit breaker top and bottom showing my new design in an assembled condition; FIG. 2 is a perspective view thereof, in a disassembled condition; and, FIG. 3 is a bottom perspective view thereof. The broken lines depict portions of a bit breaker, in which the design is embodied, but which are not considered part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,223,600	A *	12/1940	Carleton	.....	E21B 19/18 29/240
3,964,605	A *	6/1976	Vezirian	.....	B65D 85/54 206/349

1 Claim, 3 Drawing Sheets



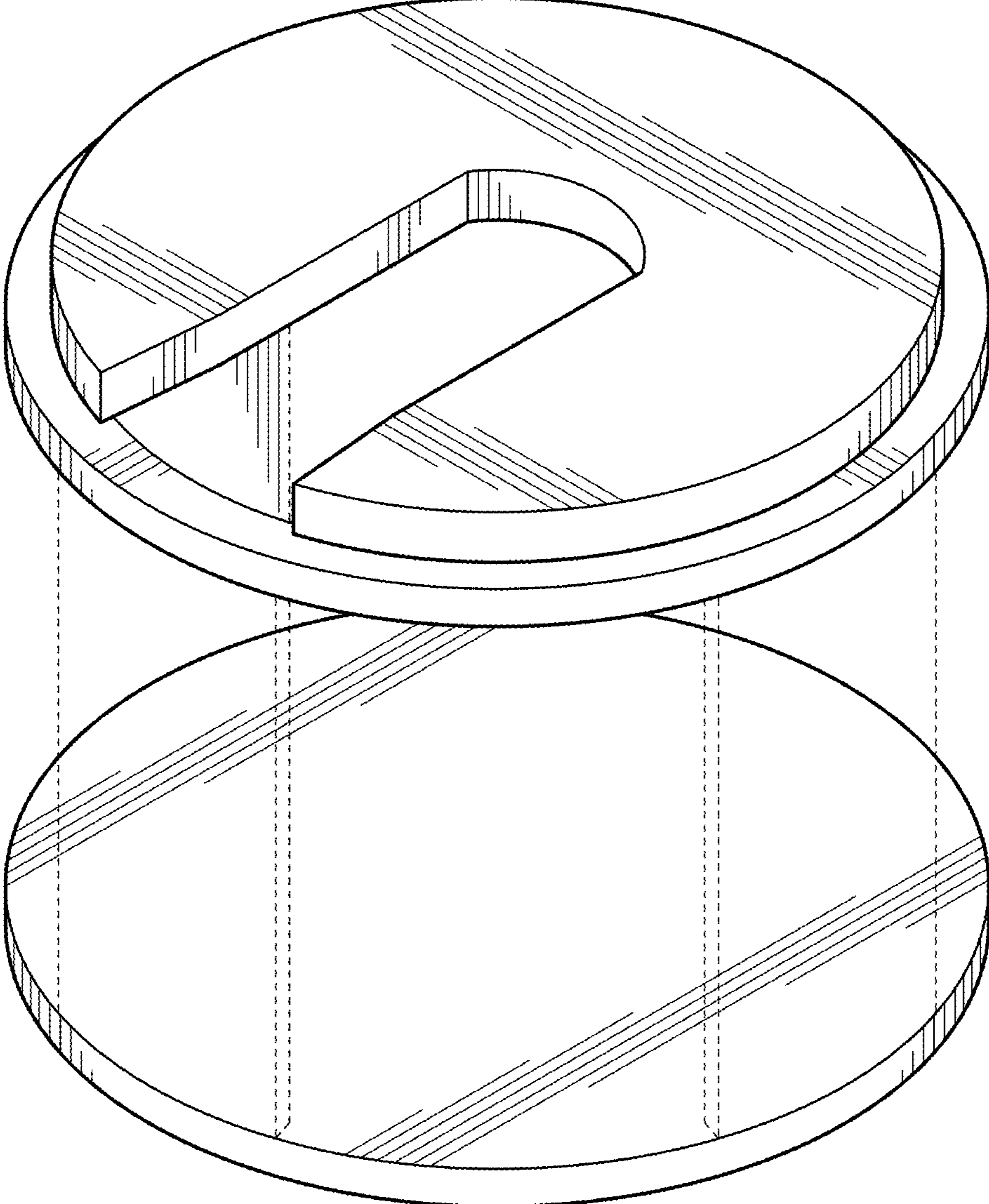


FIG. I

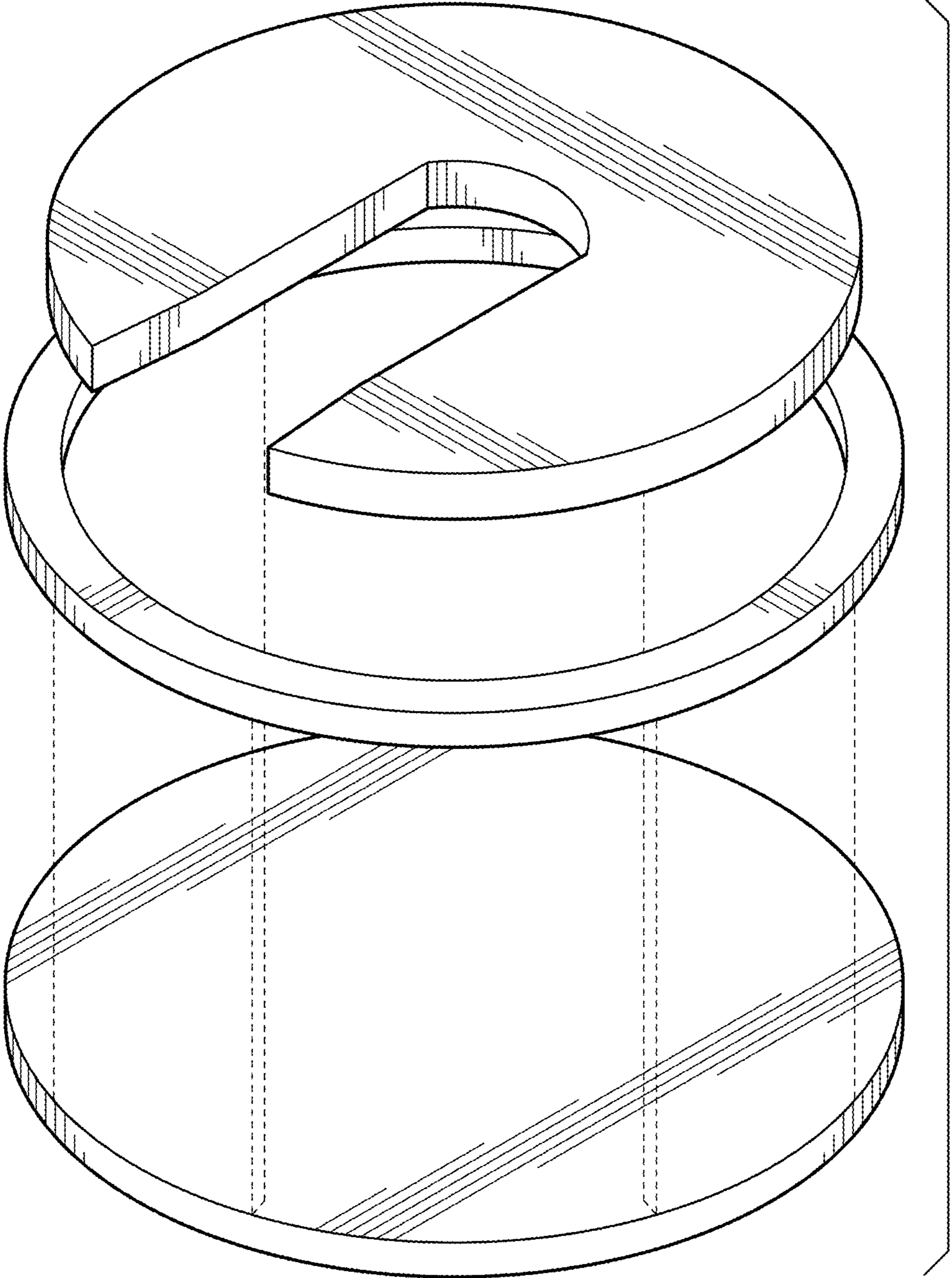


FIG. 2

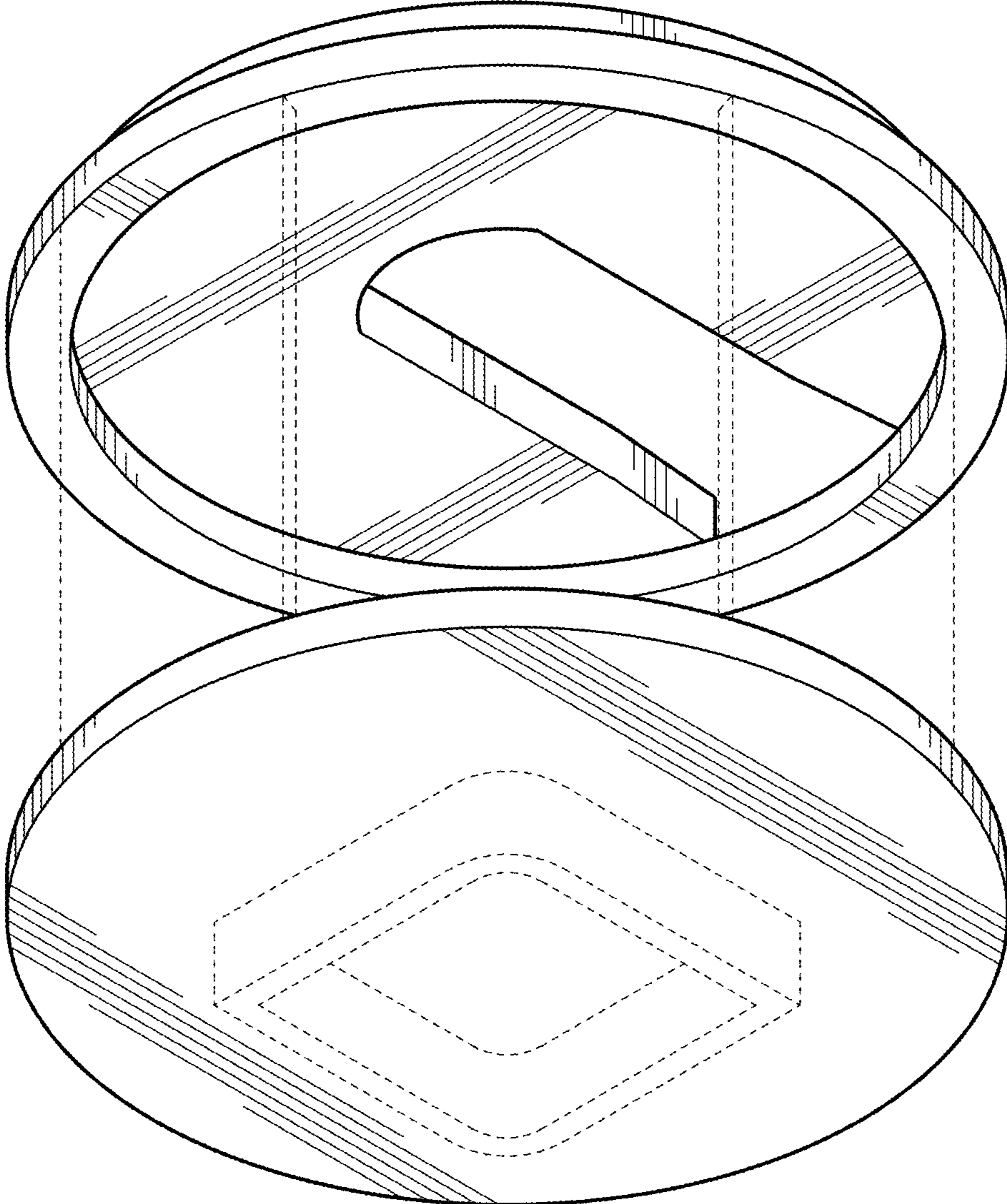


FIG. 3