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

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- (54) **CUTTING INSERT**
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- (73) Assignee: **TUNGALOY CORPORATION**,
Iwaki, Fukushima (JP)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/604,235**
- (22) Filed: **May 16, 2017**

D345,984 S *	4/1994	Ishikawa	.....	D15/139
D345,985 S *	4/1994	Ishikawa	.....	D15/139
D355,661 S *	2/1995	Hessman	.....	D15/139
D357,692 S *	4/1995	Ishikawa	.....	D15/139
D376,158 S *	12/1996	Hessman	.....	D15/139
D381,026 S *	7/1997	Hessman	.....	D15/139
D409,633 S *	5/1999	Bernadic	.....	D15/139
D422,608 S *	4/2000	Malaker	.....	D15/139
D425,086 S *	5/2000	Bernadic	.....	D15/139
D488,175 S *	4/2004	Kasperik	.....	D15/139
7,168,512 B2 *	1/2007	Schuffenhauer	.....	B23C 5/207 175/426
D585,467 S *	1/2009	Takahashi	.....	D15/139
D589,542 S *	3/2009	Takahashi	.....	D15/139
2015/0202697 A1 *	7/2015	Shiota	.....	B23C 5/109 407/42
2015/0246398 A1 *	9/2015	Kawasaki	.....	B23B 51/048 408/231

Related U.S. Application Data

- (62) Division of application No. 35/500,741, filed on Sep. 24, 2015 (U.S. filing date under 35 U.S.C. 384), and having an international filing date of Sep. 24, 2015, now Pat. No. Des. 795,318.
- (51) **LOC (11) Cl.** **15-09**
- (52) **U.S. Cl.**
USPC **D15/139**
CPC **B23C 5/207 (2013.01)**
- (58) **Field of Classification Search**
USPC D15/122-143; 407/113-117, 42
CPC B23C 5/207; B23C 5/109
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D304,949 S *	12/1989	Niebauer	.....	407/114
D305,239 S *	12/1989	Niebauer	.....	407/114
5,145,295 A *	9/1992	Satran	.....	B23C 5/2213 407/113
5,207,538 A *	5/1993	Satran	.....	B23C 5/2213 407/113
D342,269 S *	12/1993	Arai	D15/139
D344,276 S *	2/1994	Markusson	D15/139

* cited by examiner

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(57) **CLAIM**

The ornamental design for a cutting insert, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a cutting insert according to my new design.
 FIG. 2 is a bottom perspective view thereof.
 FIG. 3 is a front view thereof.
 FIG. 4 is a back view thereof.
 FIG. 5 is a top view thereof.
 FIG. 6 is a bottom view thereof.
 FIG. 7 is a left view thereof; and,
 FIG. 8 is a right view thereof.
 The broken lines are included for the purpose of illustrating the unclaimed portions of the cutting insert which form no part of the claimed design.

1 Claim, 8 Drawing Sheets

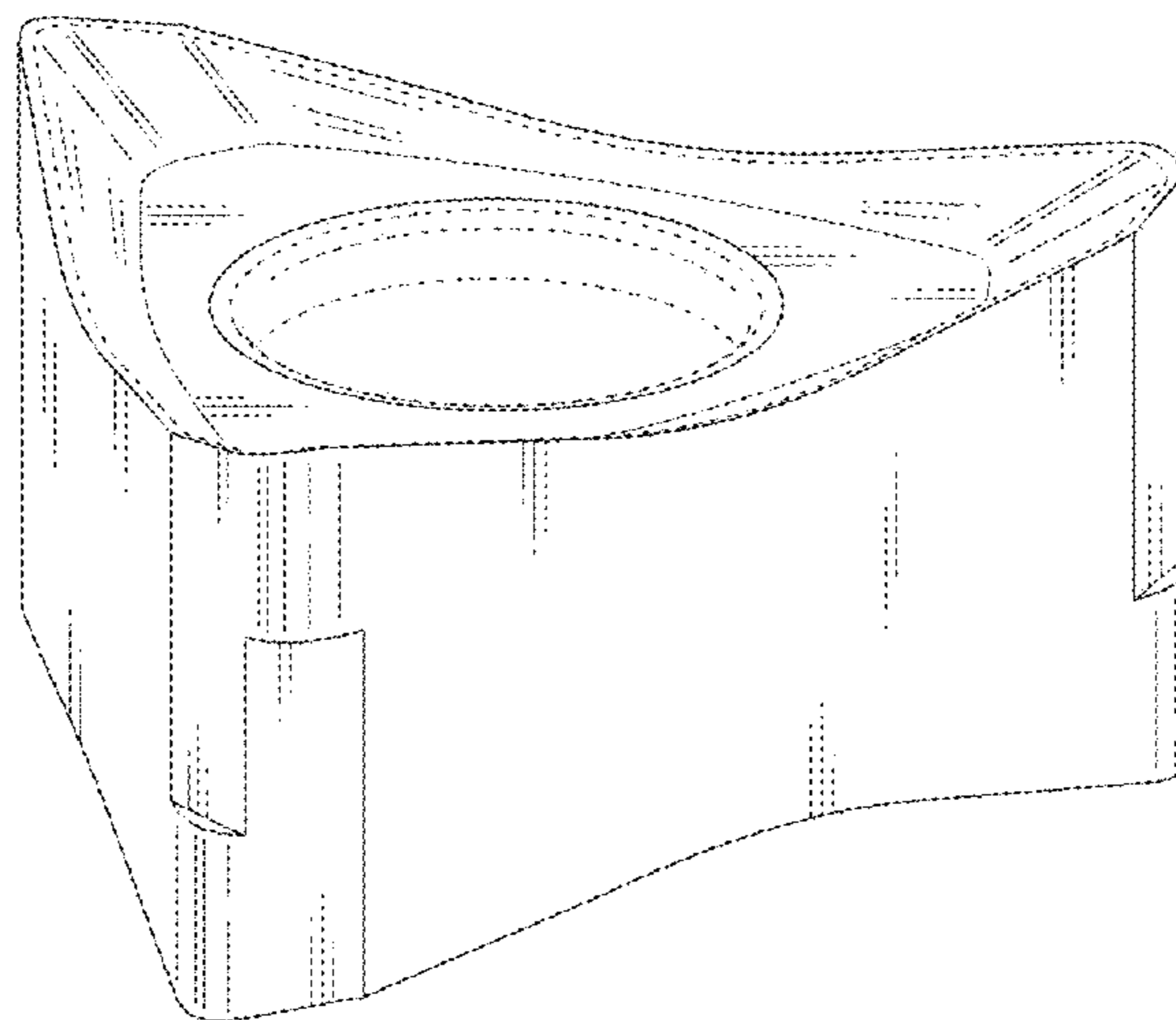


FIG. 1

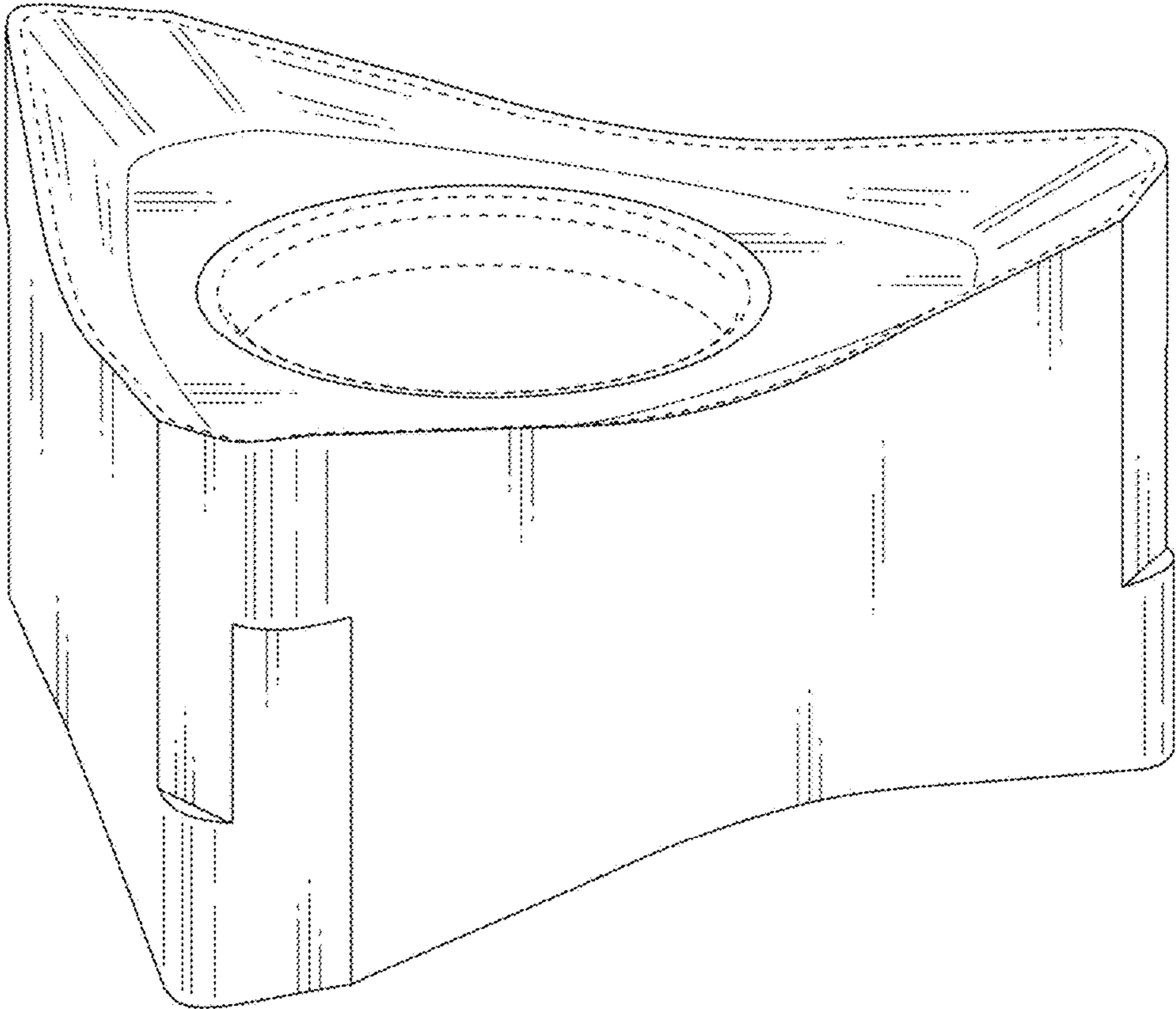


FIG. 2

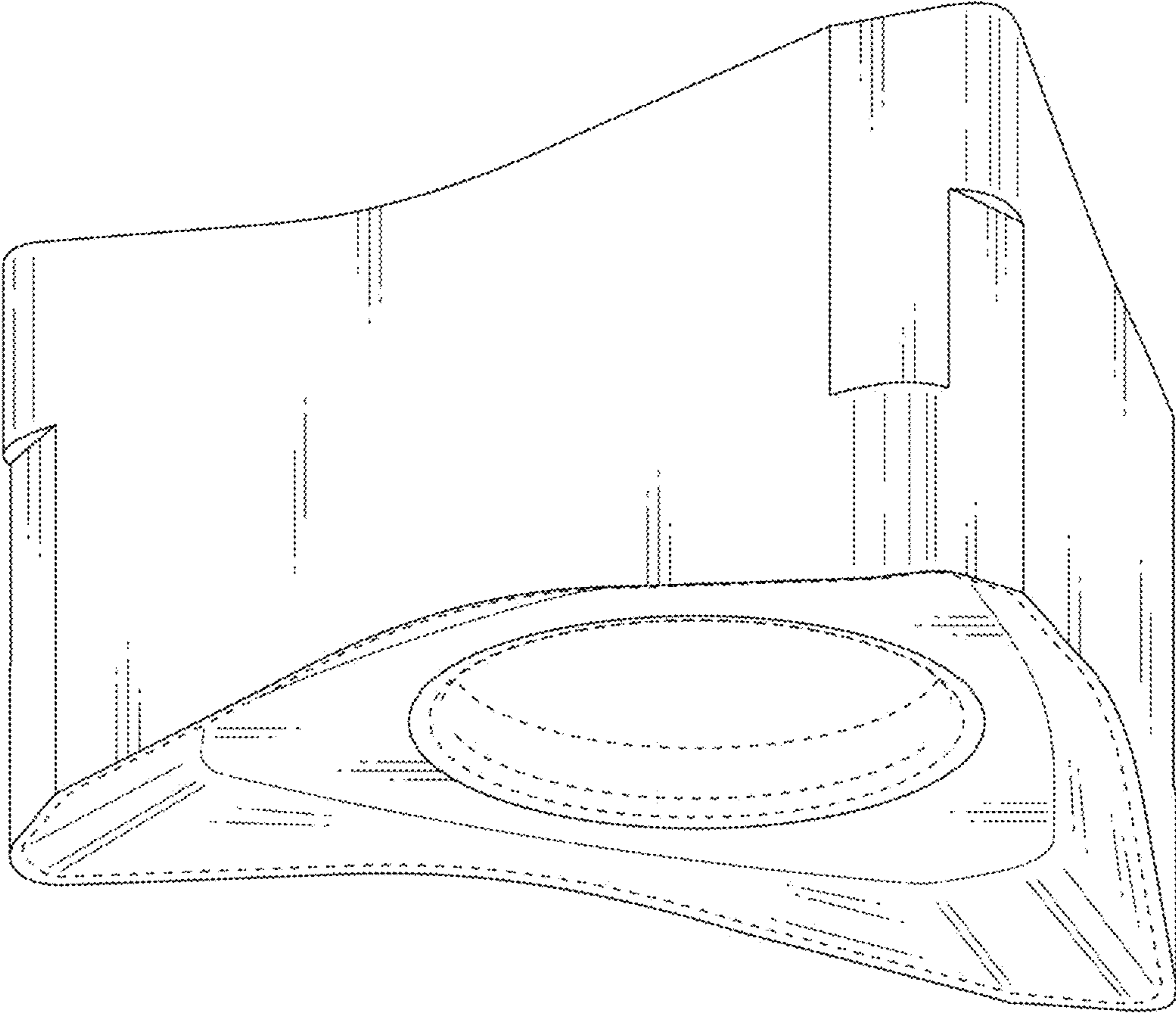


FIG. 3

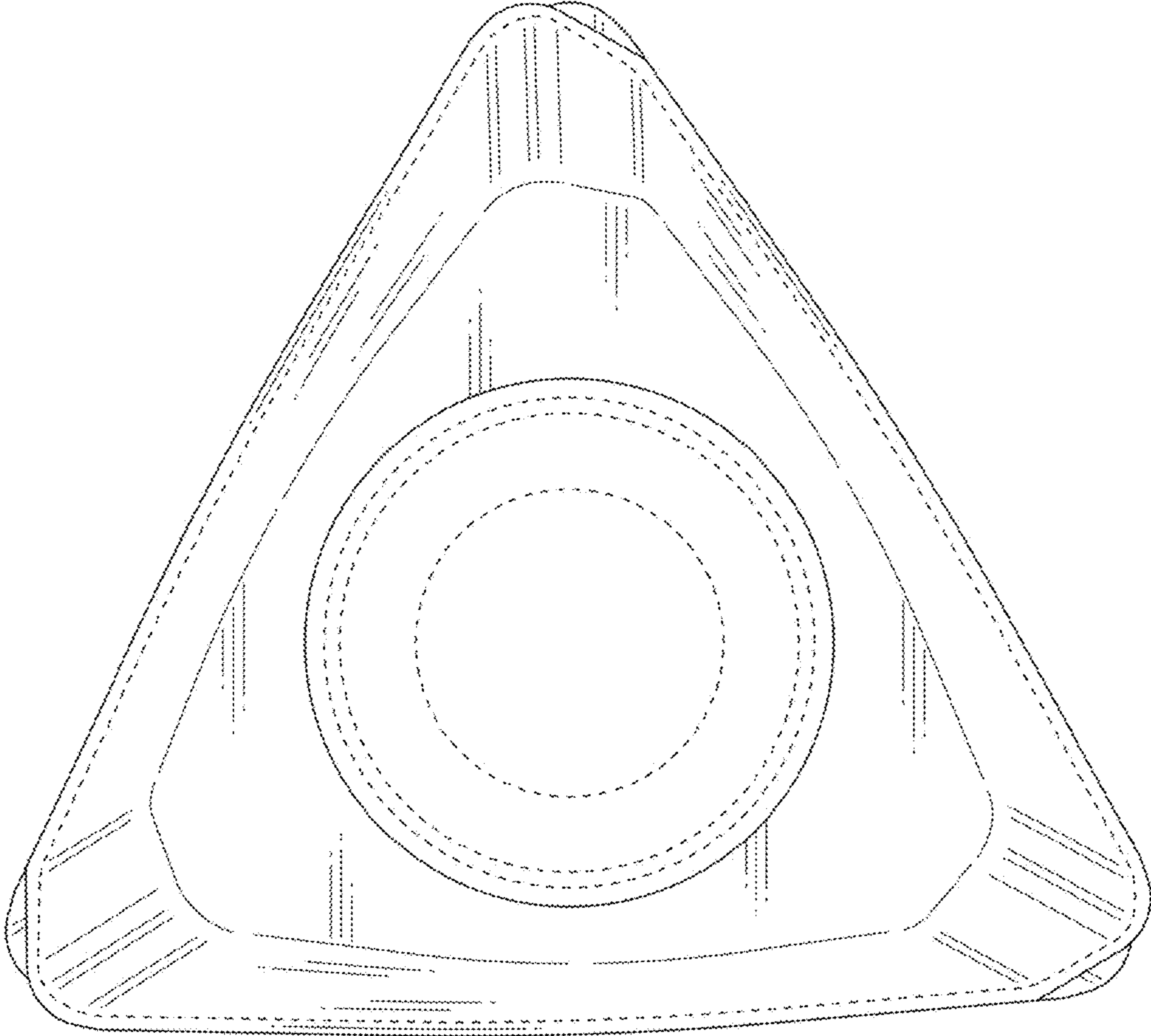


FIG. 4

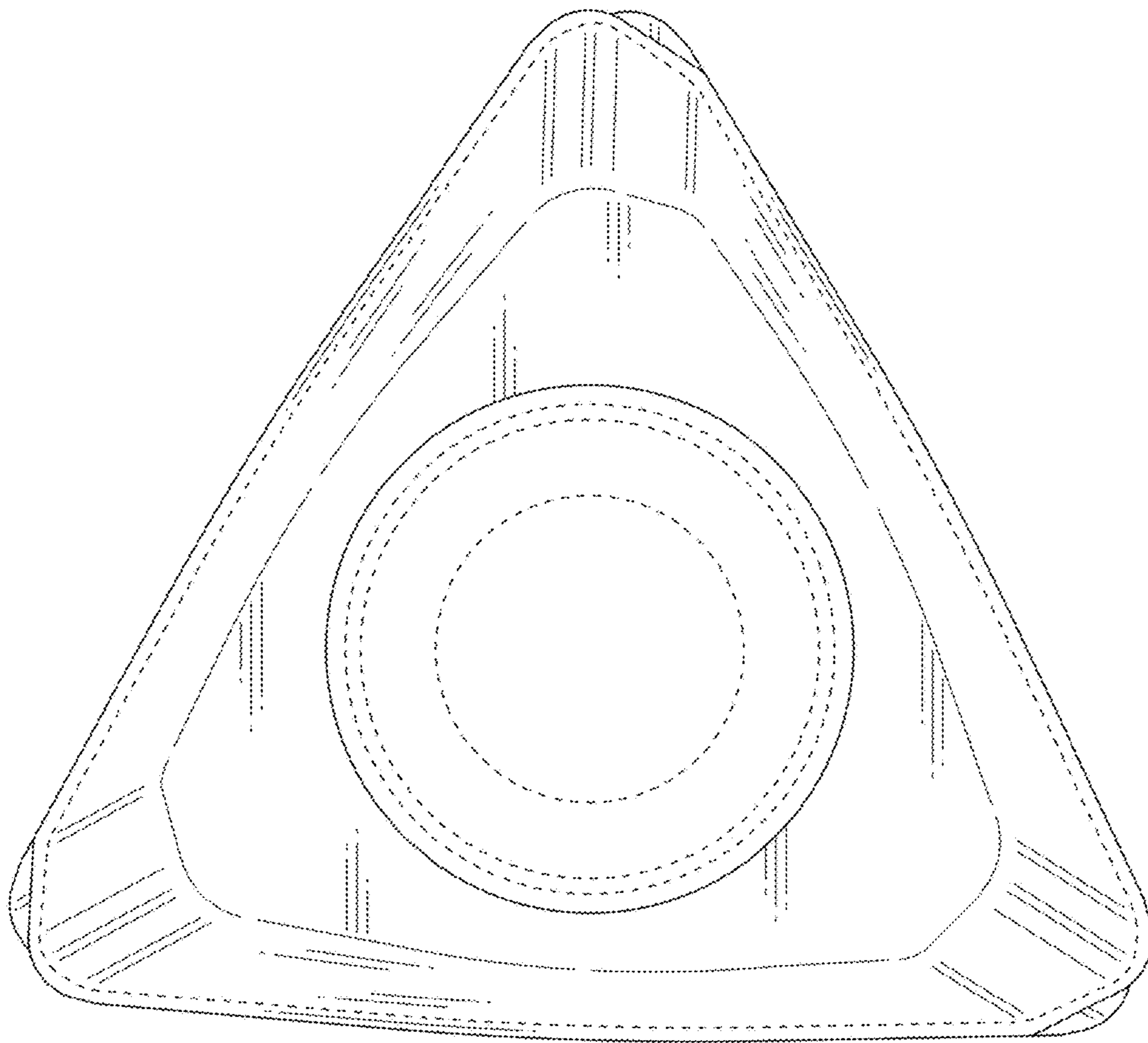


FIG. 5

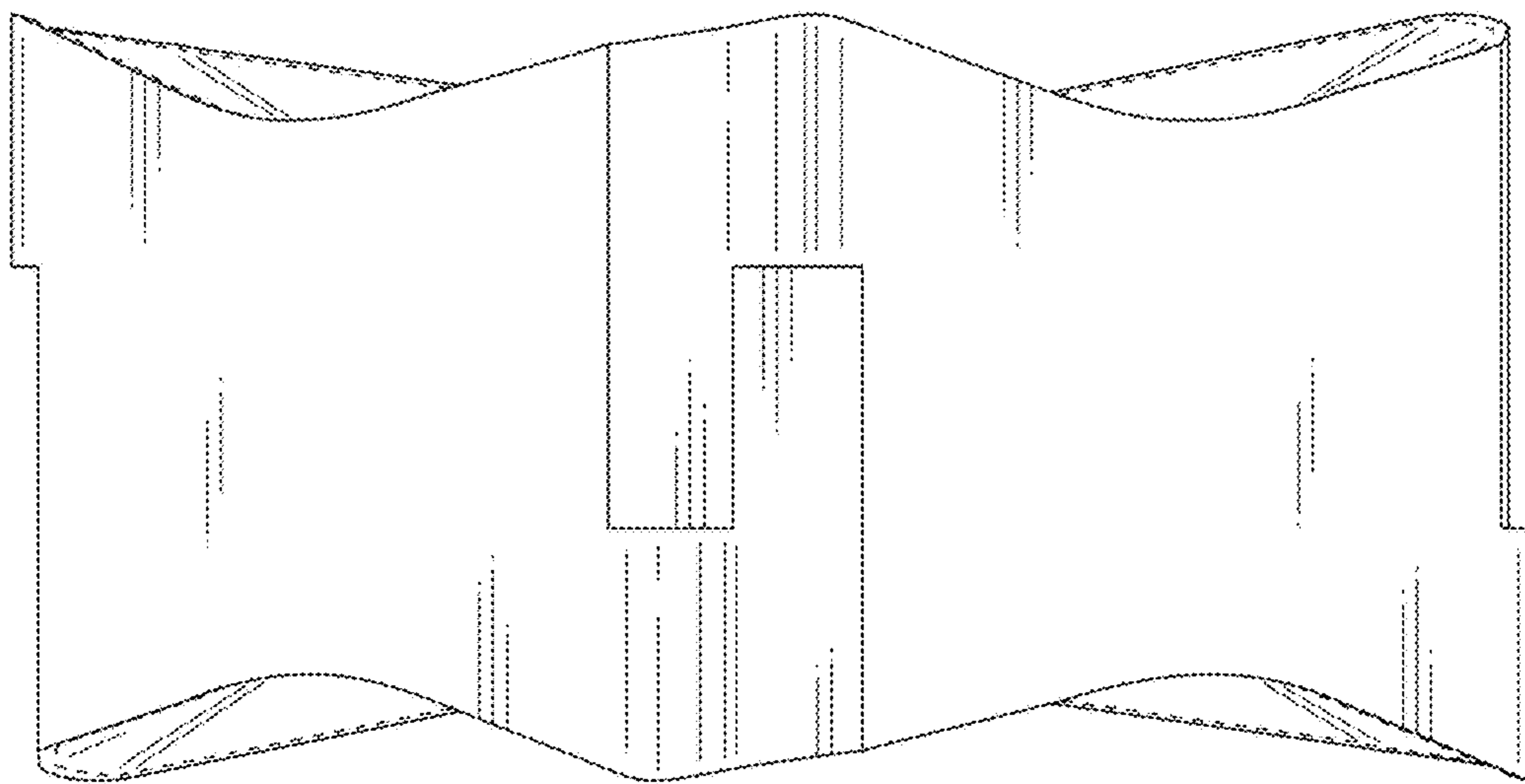


FIG. 6

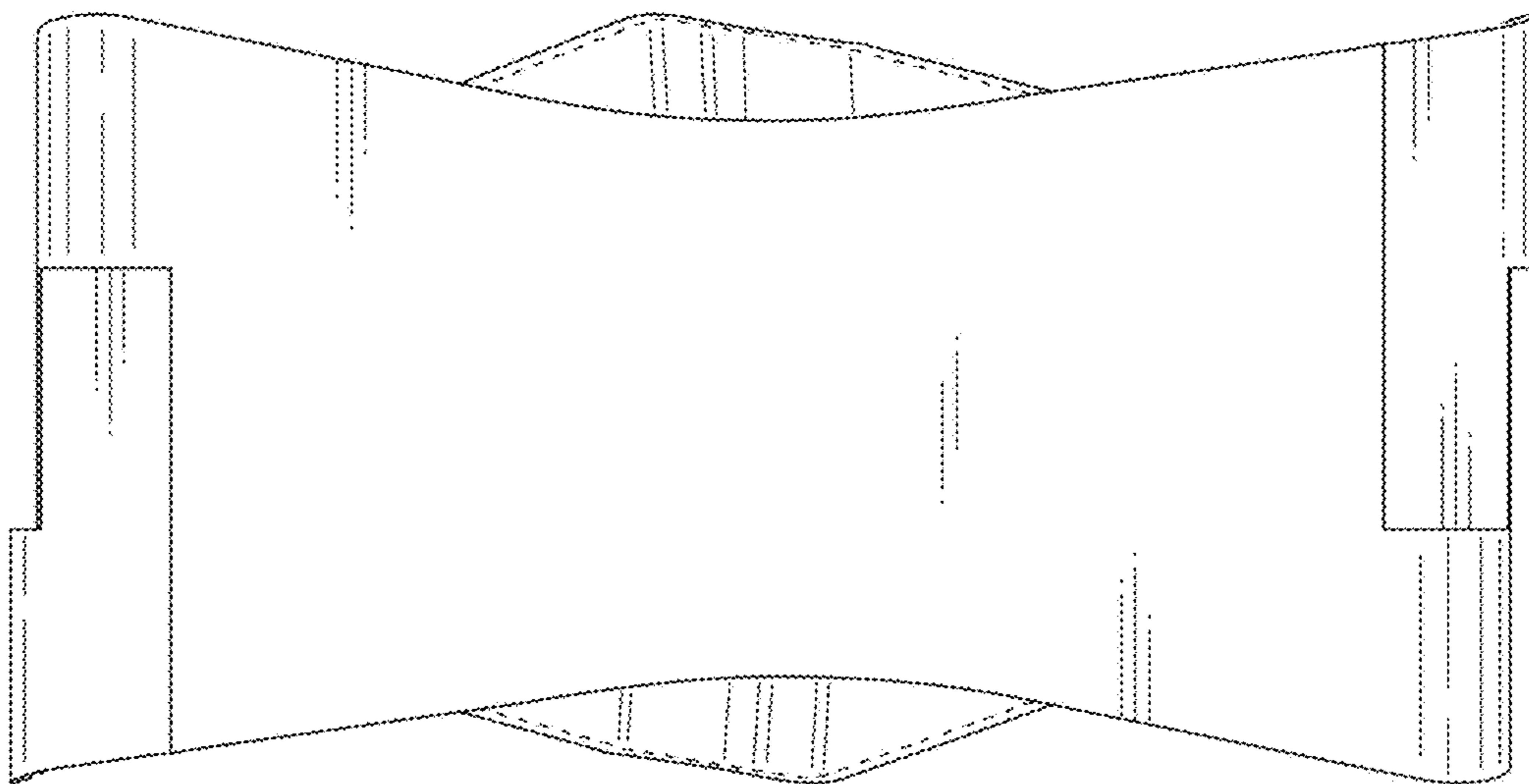


FIG. 7

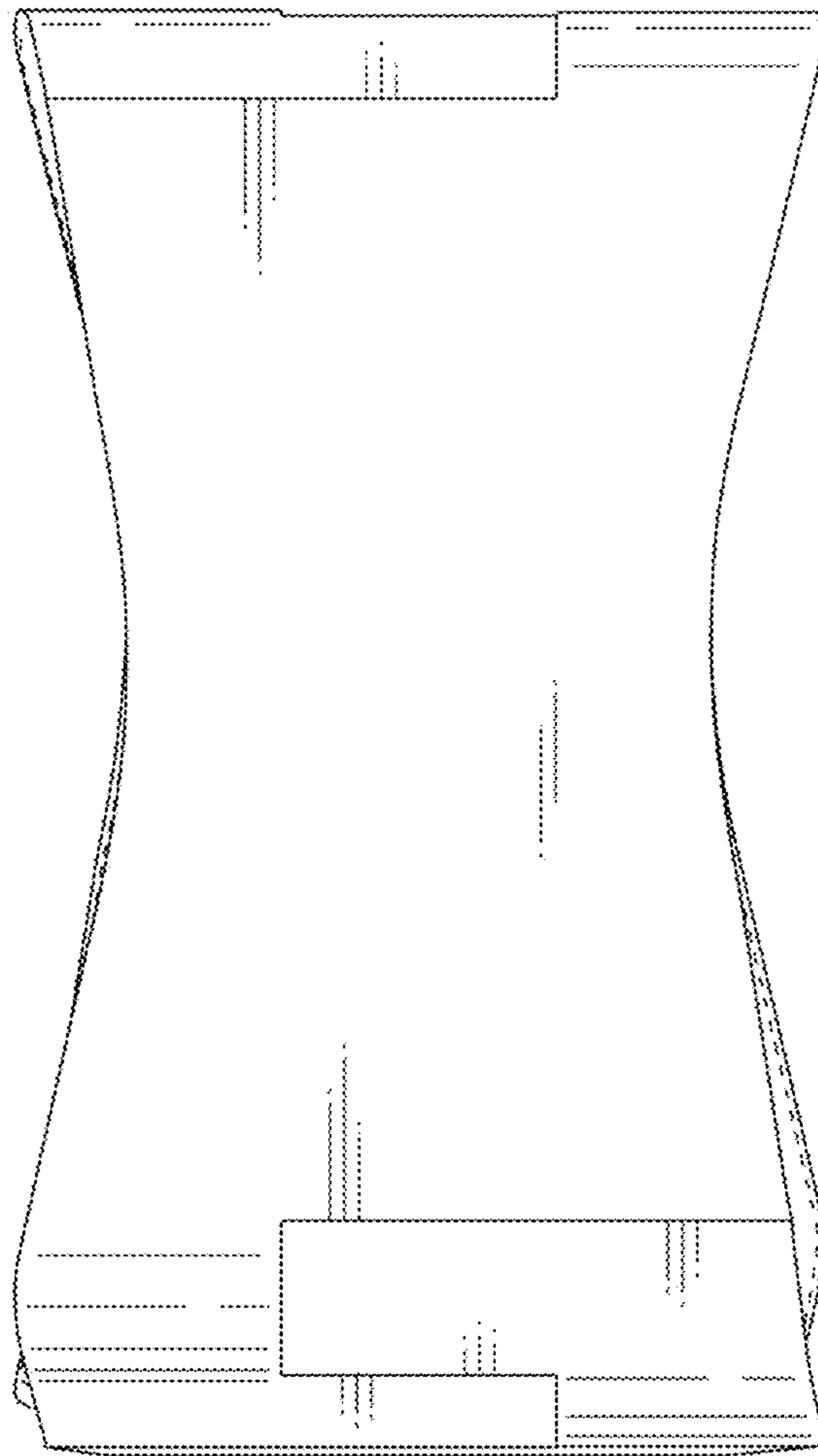


FIG. 8

