



US00D796438S

(12) **United States Design Patent** (10) **Patent No.:** **US D796,438 S**
Kakuda et al. (45) **Date of Patent:** **** Sep. 5, 2017**

(54) **INDUCTOR**
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D568,807 S *	5/2008	Suzuki	D13/103
D623,124 S *	9/2010	Nomi	D13/103
D649,970 S *	12/2011	Lyford	D13/133
D669,575 S *	10/2012	Ebert	.....	D24/108
D671,890 S *	12/2012	Tokashiki	.....	D13/125
D682,202 S *	5/2013	Weaver, Jr.	.....	D13/108
D693,302 S *	11/2013	Yamada	.....	D13/117
D705,932 S *	5/2014	Matuschek	.....	D24/158
D707,847 S *	6/2014	Motadel	.....	D24/227
D712,063 S *	8/2014	Austria	.....	D24/231

(73) Assignee: **ALPS ELECTRIC CO., LTD.**, Tokyo (JP)

FOREIGN PATENT DOCUMENTS

(**) Term: **15 Years**

CN	201330610739	*	12/2013
JP	D819830		10/1991
JP	D918795		2/1995
JP	D1011976		6/1998
JP	D1301287		5/2007

(21) Appl. No.: **29/553,138**

* cited by examiner

(22) Filed: **Jan. 28, 2016**

Primary Examiner — Vy Koenig

(30) **Foreign Application Priority Data**

Assistant Examiner — Omeed Agilee

Jul. 31, 2015 (JP) D2015-17043

(74) *Attorney, Agent, or Firm* — Brinks Gilson & Lione

(51) **LOC (10) Cl.** **13-02**

(57) **CLAIM**

(52) **U.S. Cl.**
USPC **D13/117**

The ornamental design for an inductor, as shown and described.

(58) **Field of Classification Search**
USPC D13/102–106, 107–110, 117–119, 133,
D13/184; D14/349, 351, 353–355;
D15/8, 9; D24/108, 158, 163
CPC H01L 28/00; H01L 21/283
See application file for complete search history.

DESCRIPTION

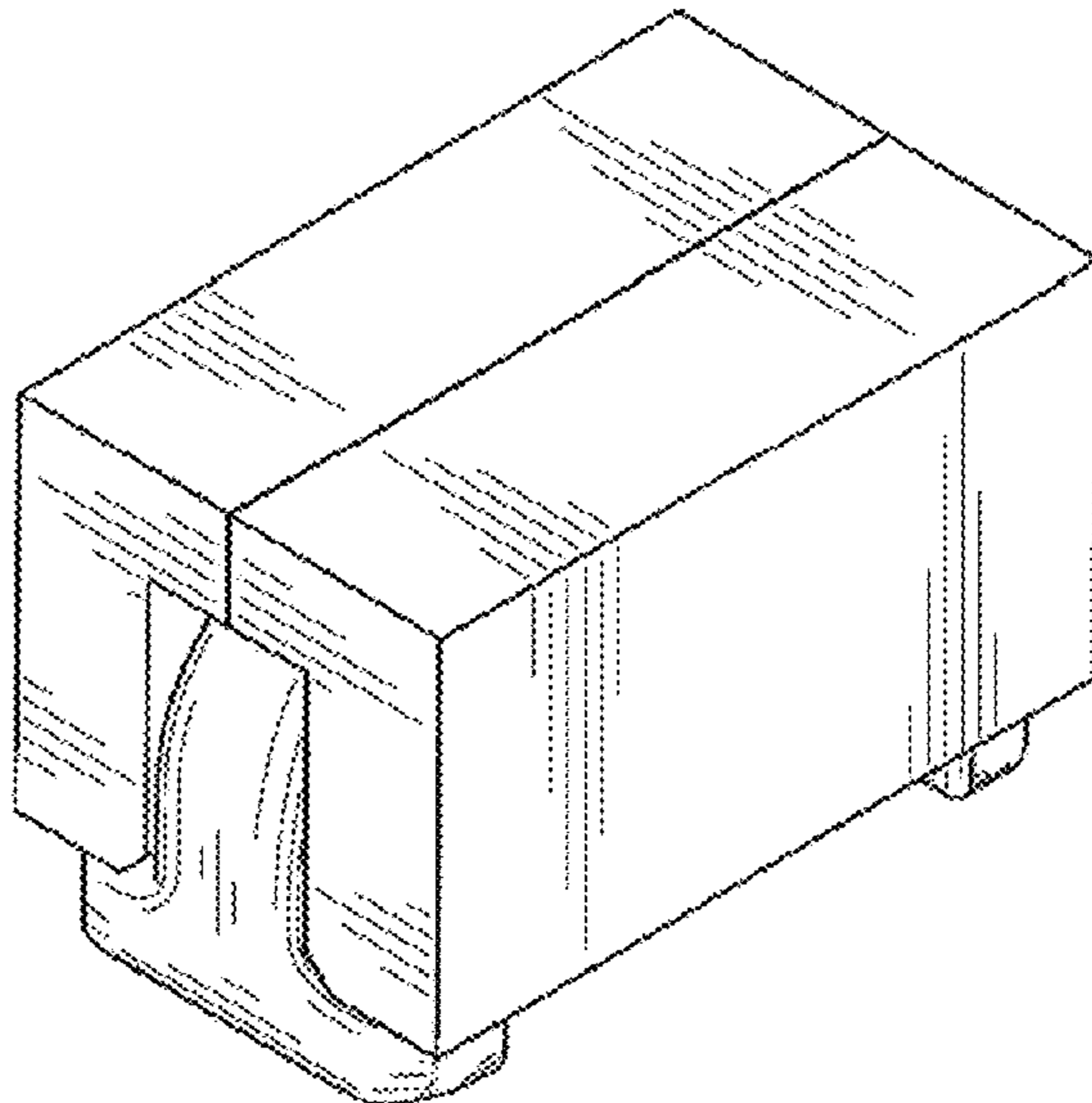
(56) **References Cited**

FIG. 1 is a front view of an inductor
FIG. 2 is a right side view thereof;
FIG. 3 is a top view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a perspective view thereof;
FIG. 6 is an 6-6 cross sectional view taken from the line 6-6 in FIG. 3 thereof; and,
FIG. 7 is a 7-7 cross sectional view taken from the line 7-7 in FIG. 1 thereof.

U.S. PATENT DOCUMENTS

D340,692 S *	10/1993	Iijima	.....	D13/123
D390,825 S *	2/1998	Chen	.....	D13/110
D428,384 S *	7/2000	Maeyama	.....	D13/103
D559,178 S *	1/2008	Ashida	.....	D13/110
D560,159 S *	1/2008	Matsumoto	.....	D13/103

1 Claim, 4 Drawing Sheets



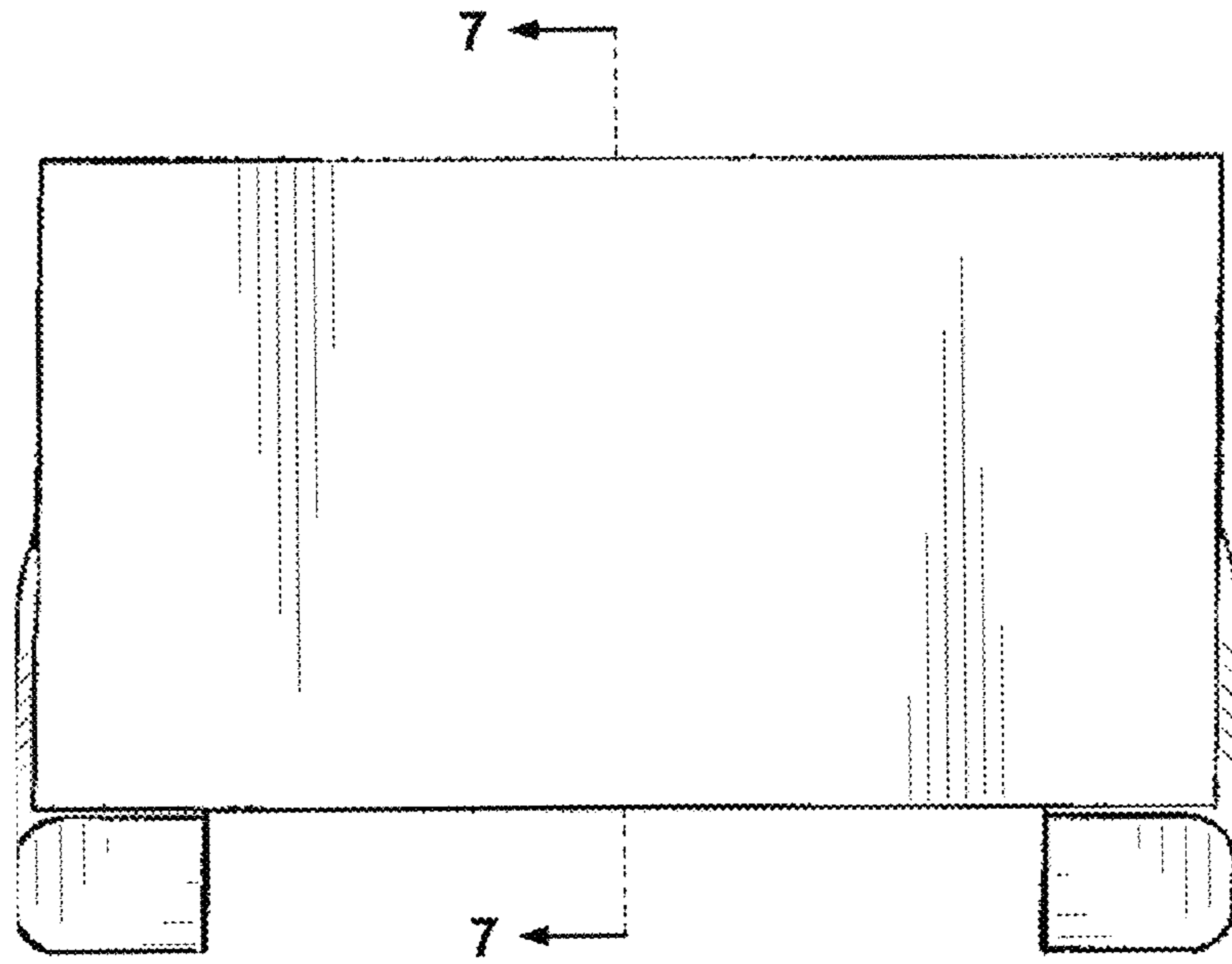


FIG. 1

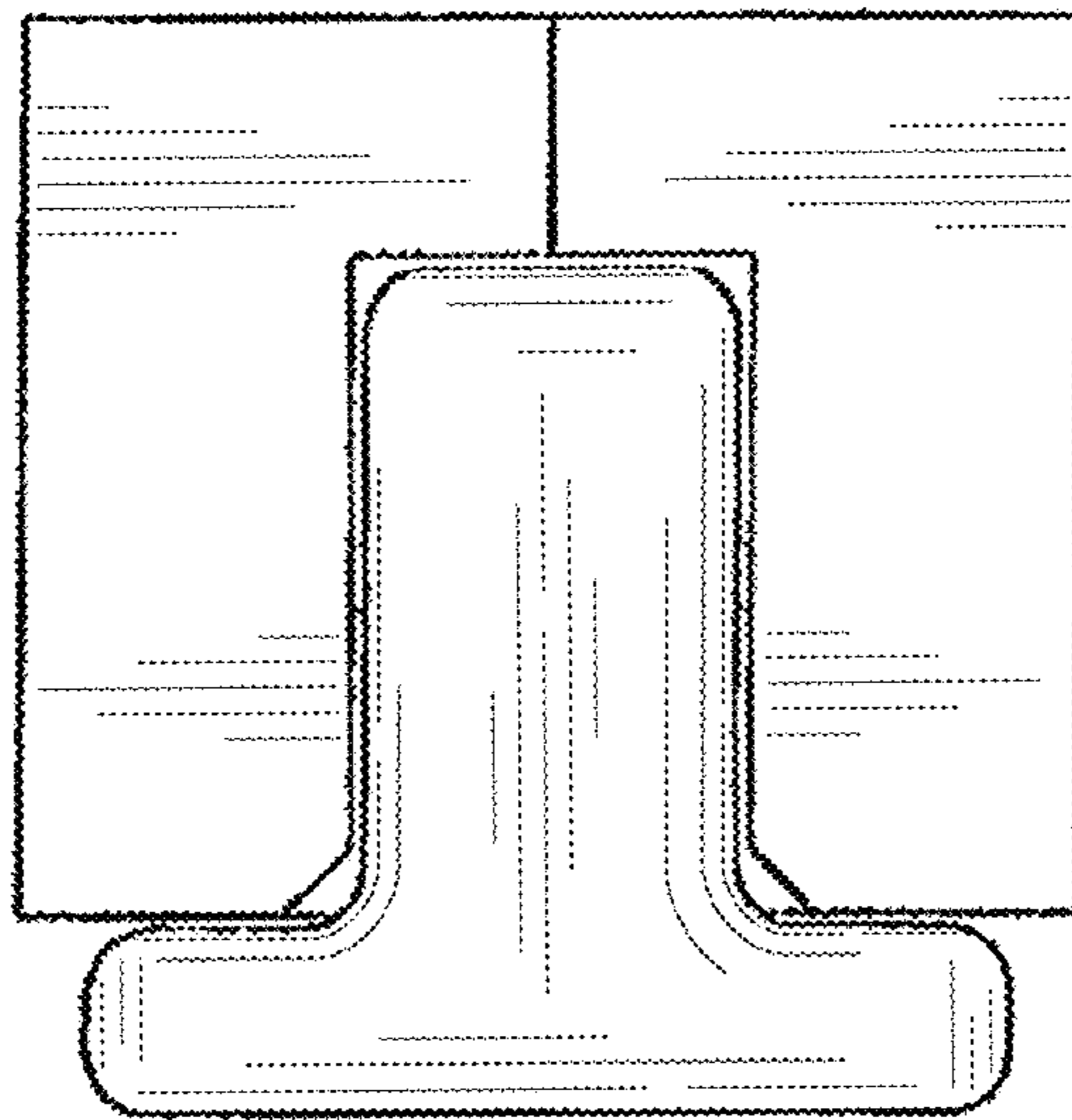


FIG. 2

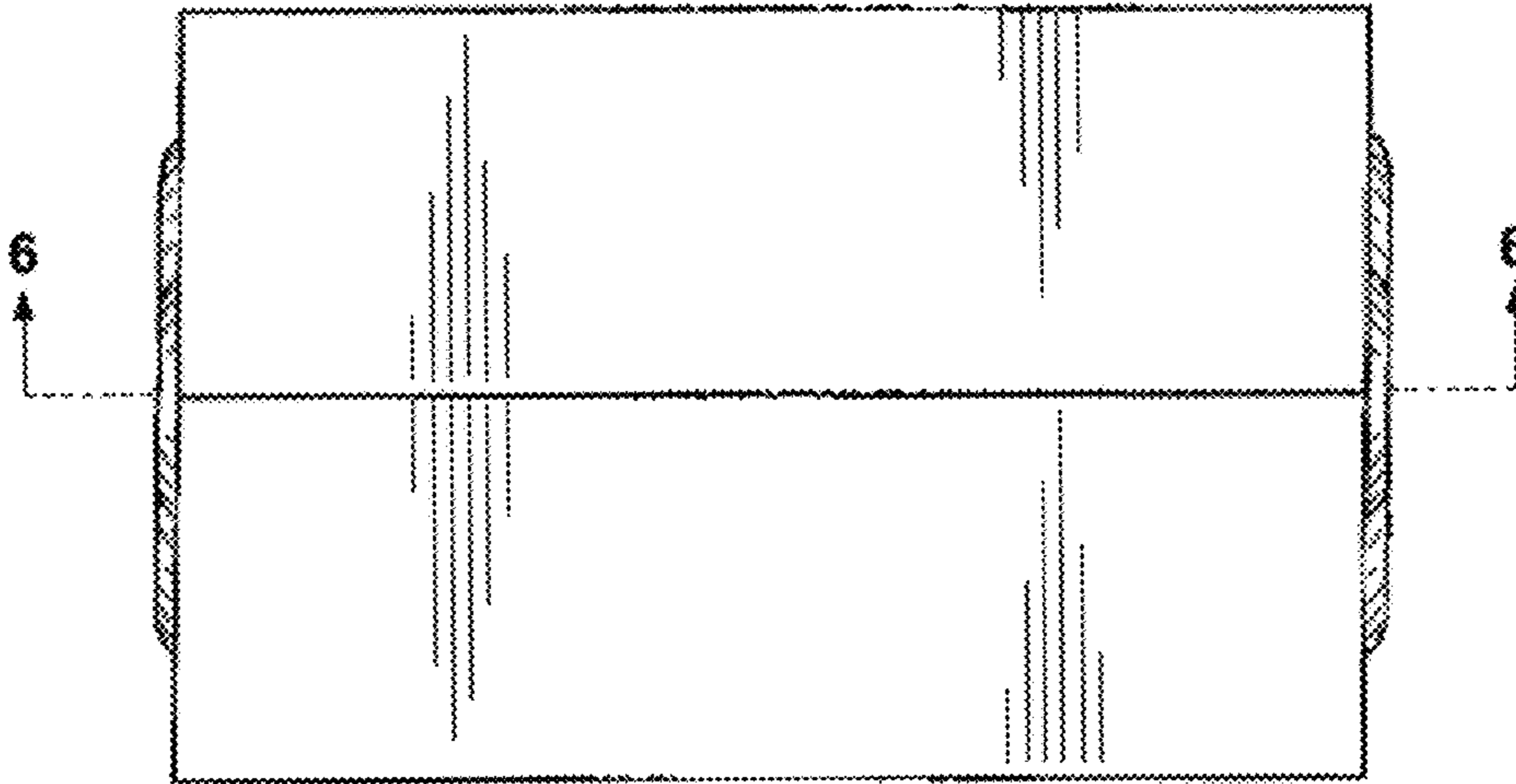


FIG. 3

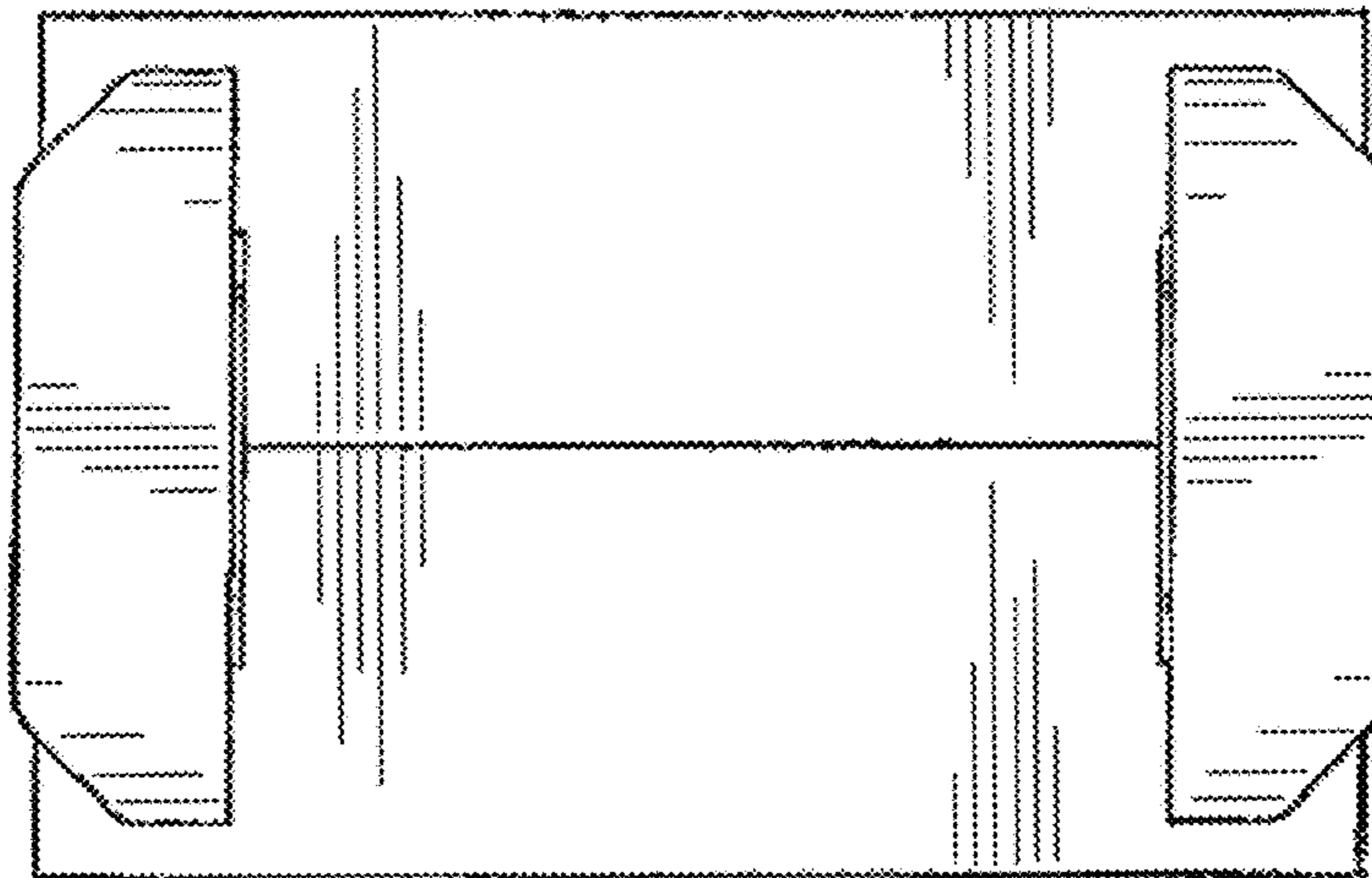


FIG. 4

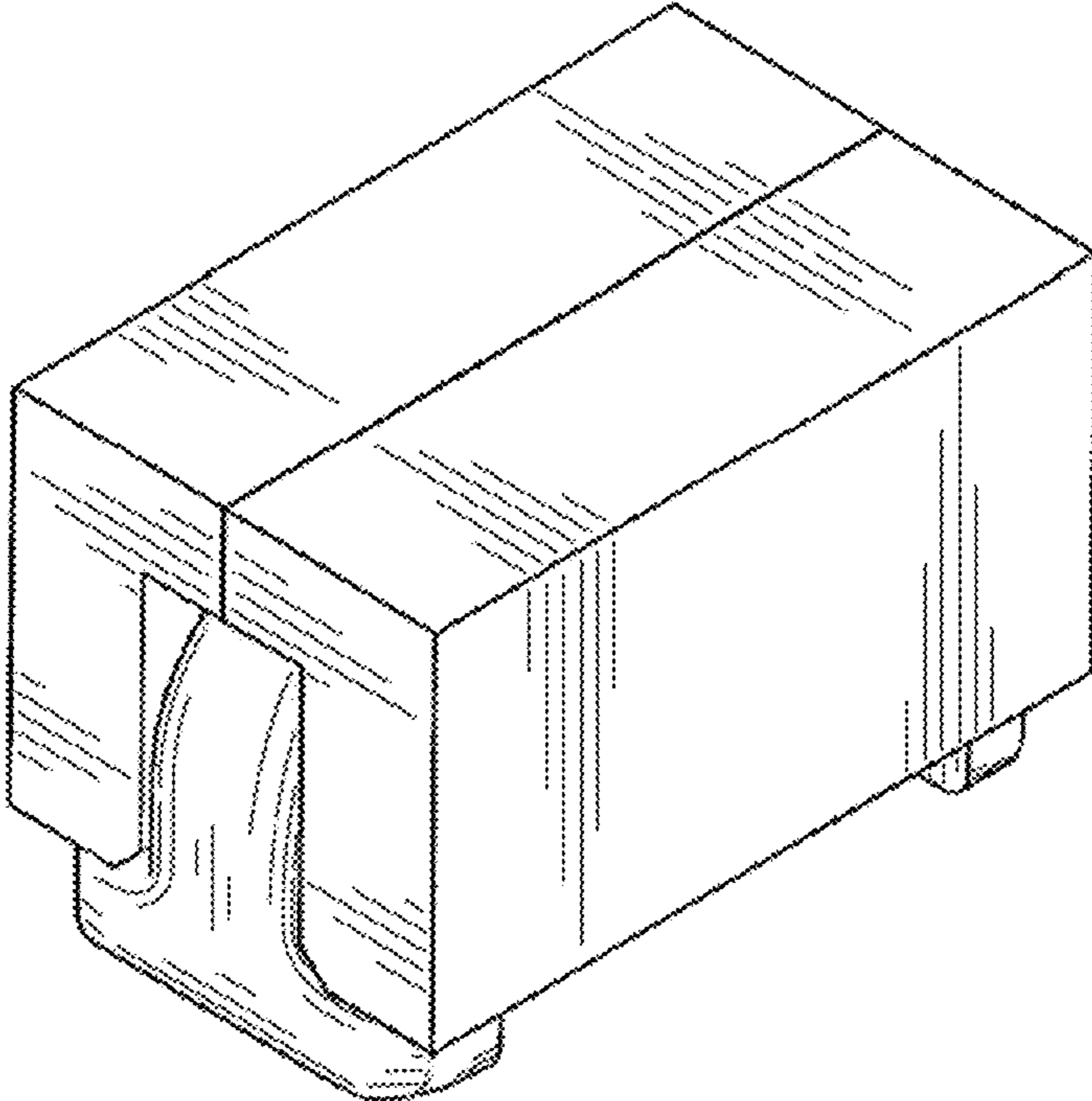


FIG. 5

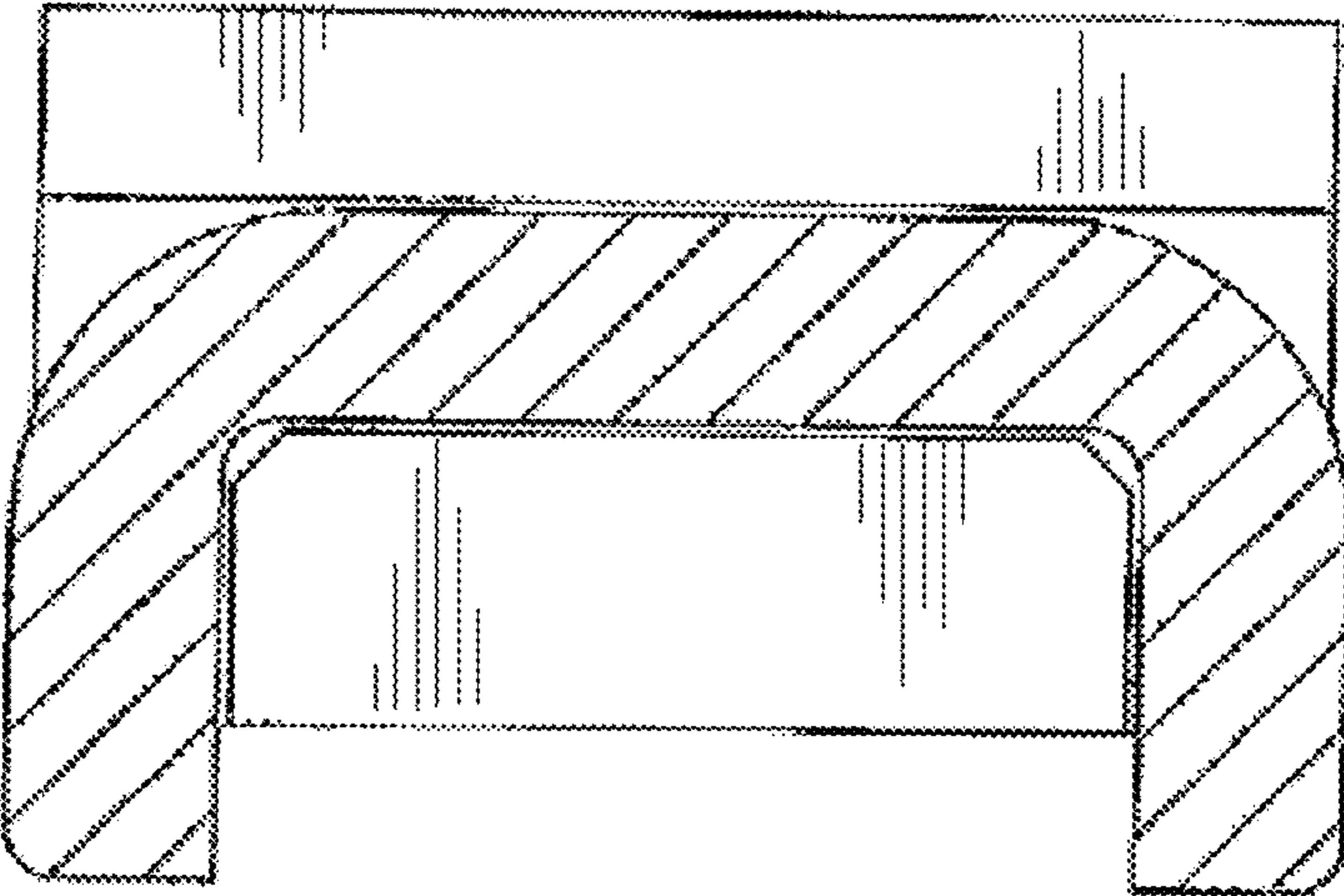


FIG. 6

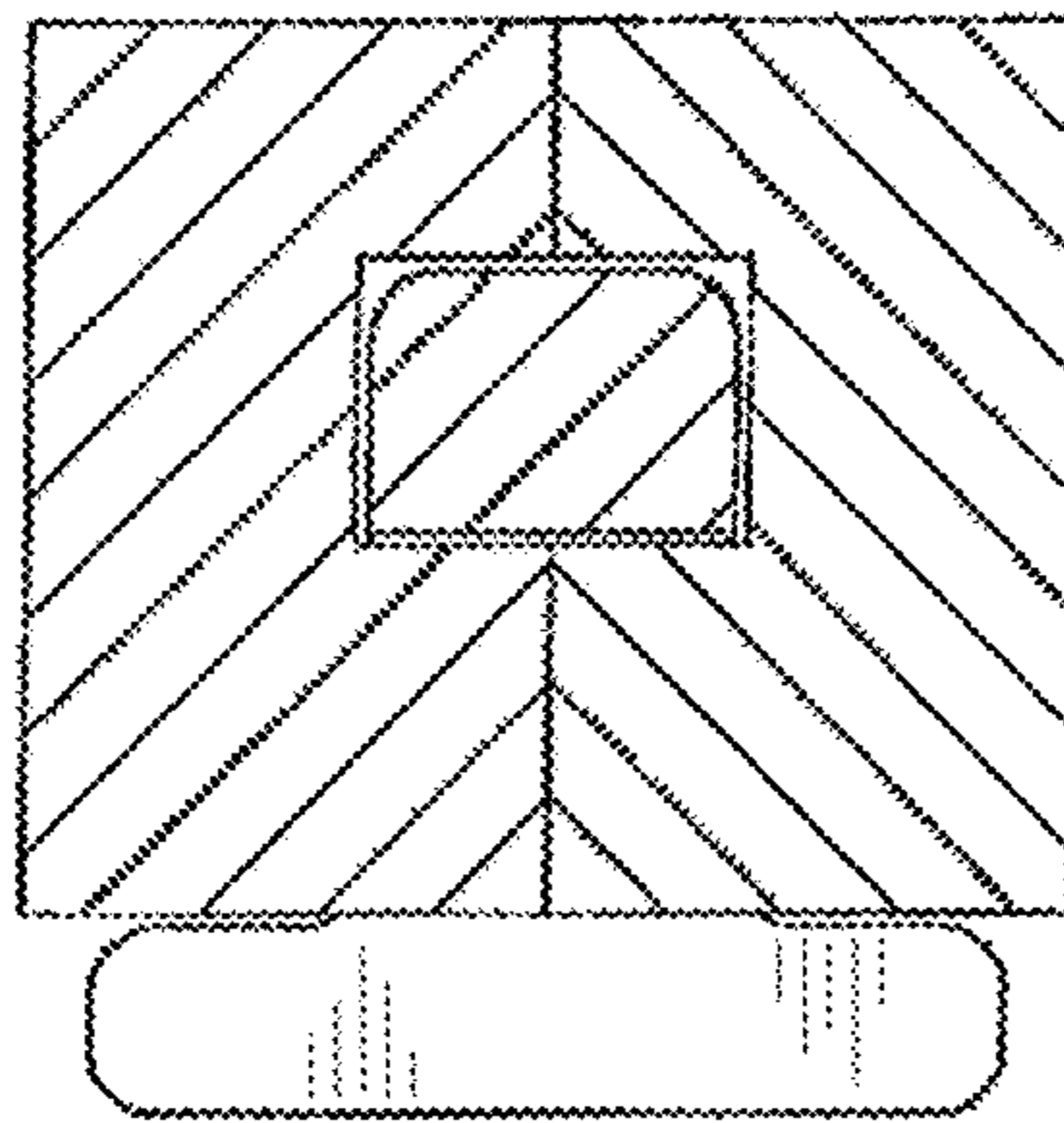


FIG. 7