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

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(54) **INDUCTOR**

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(72) Inventor: **Yukio Konno**, Tokyo (JP)

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

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/640,147**

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(30) **Foreign Application Priority Data**

Sep. 14, 2017 (JP) ..... 2017-020138

(51) **LOC (12) Cl.** ..... **13-02**

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

(58) **Field of Classification Search**  
USPC ..... D3/215, 218; D13/107, 108, 109, 110,  
D13/117, 118, 119, 184; D14/253, 432,  
D14/434

CPC .... H01R 13/24; H01R 13/72; H01R 13/5221;  
H01R 13/5816; H01R 13/582; H01R  
13/5825; H01R 13/5829; H01R 13/5833;  
H01R 13/6275; H01R 13/6589; H01R  
13/743; H01R 13/745; H01R 31/065;  
H01R 31/06

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D383,115 S \* 9/1997 Nagele ..... D13/110  
D642,524 S \* 8/2011 Fitch ..... D13/110  
D658,123 S \* 4/2012 Andre ..... D13/110

D732,472 S \* 6/2015 Laffon ..... D13/110  
D734,260 S \* 7/2015 Cepress ..... D13/110  
D762,173 S \* 7/2016 Solomon ..... D13/110  
D788,709 S \* 6/2017 Yeo ..... D13/137.2  
D790,463 S \* 6/2017 Lai ..... D13/110  
D795,190 S \* 8/2017 Tzeng ..... D13/110  
D804,412 S \* 12/2017 Huang ..... D13/108  
D819,566 S \* 6/2018 Hung ..... D13/110  
D820,207 S \* 6/2018 Lemelson ..... D13/110  
D820,208 S \* 6/2018 Lemelson ..... D13/110  
D820,209 S \* 6/2018 Lemelson ..... D13/110  
D830,307 S \* 10/2018 Liu ..... D13/137.2  
D845,898 S \* 4/2019 Laffon de Mazieres .... D13/110

**FOREIGN PATENT DOCUMENTS**

JP 1011976 A 5/1998

\* cited by examiner

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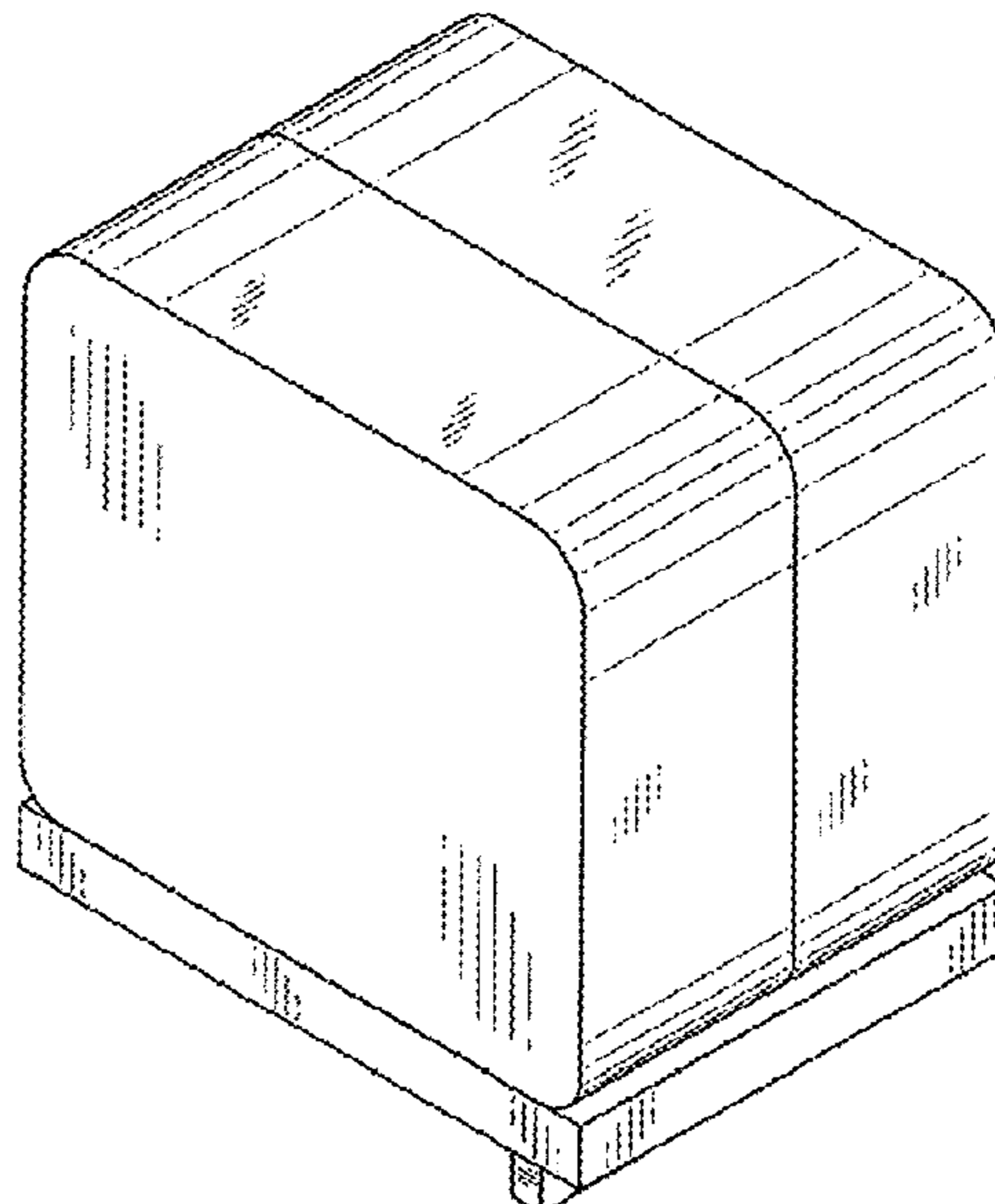
(57) **CLAIM**

I claim the ornamental design for an inductor, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an inductor as seen from the upper front side;  
FIG. 2 is another perspective view thereof as seen from the lower front side;  
FIG. 3 is a front view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a left side view thereof;  
FIG. 8 is a sectional view taken along line 8-8 in FIG. 3;  
FIG. 9 is a sectional view taken along line 9-9 in FIG. 7; and,  
FIG. 10 is a sectional view taken along line 10-10 in FIG. 3.

**1 Claim, 10 Drawing Sheets**



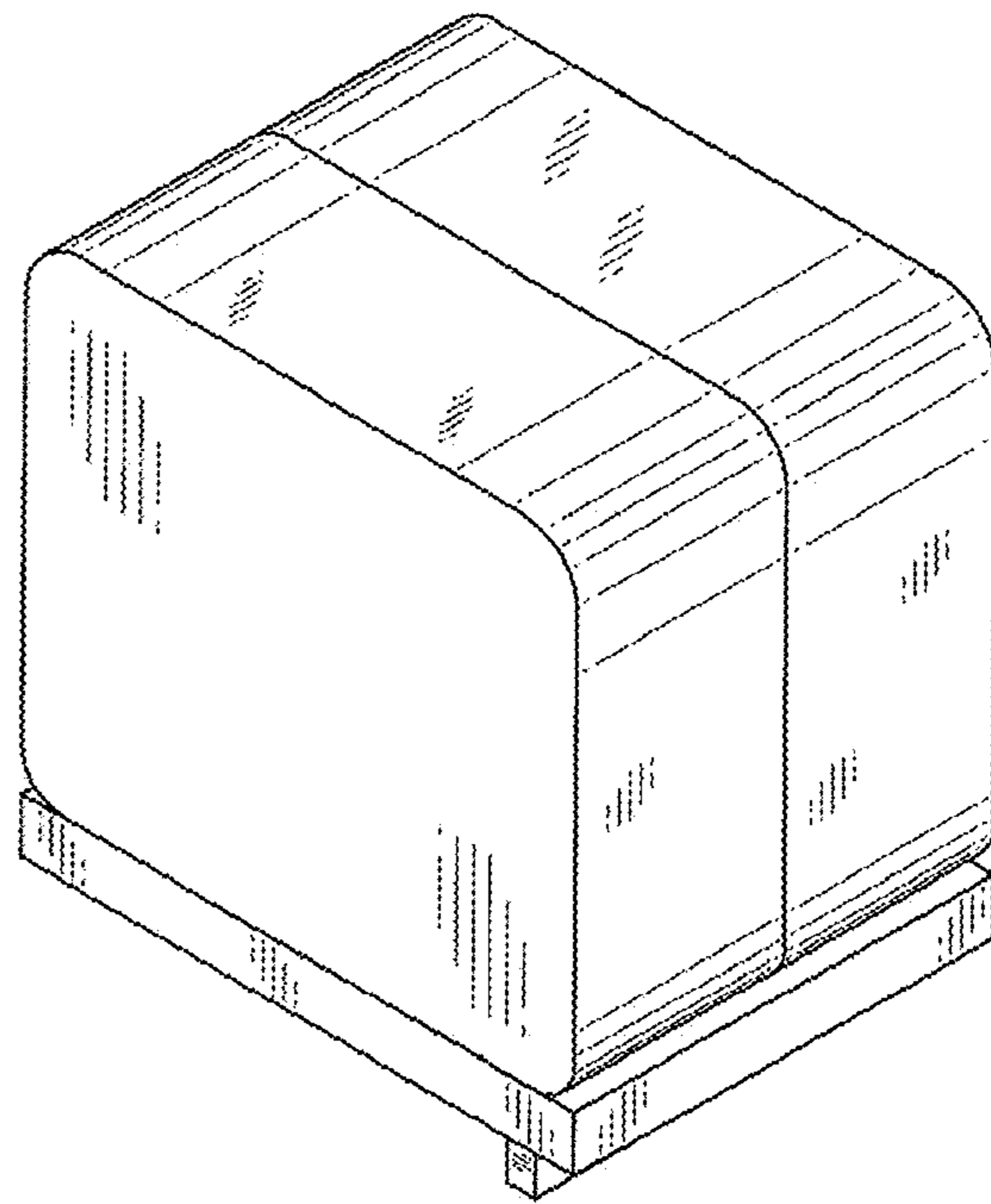


FIG. 1

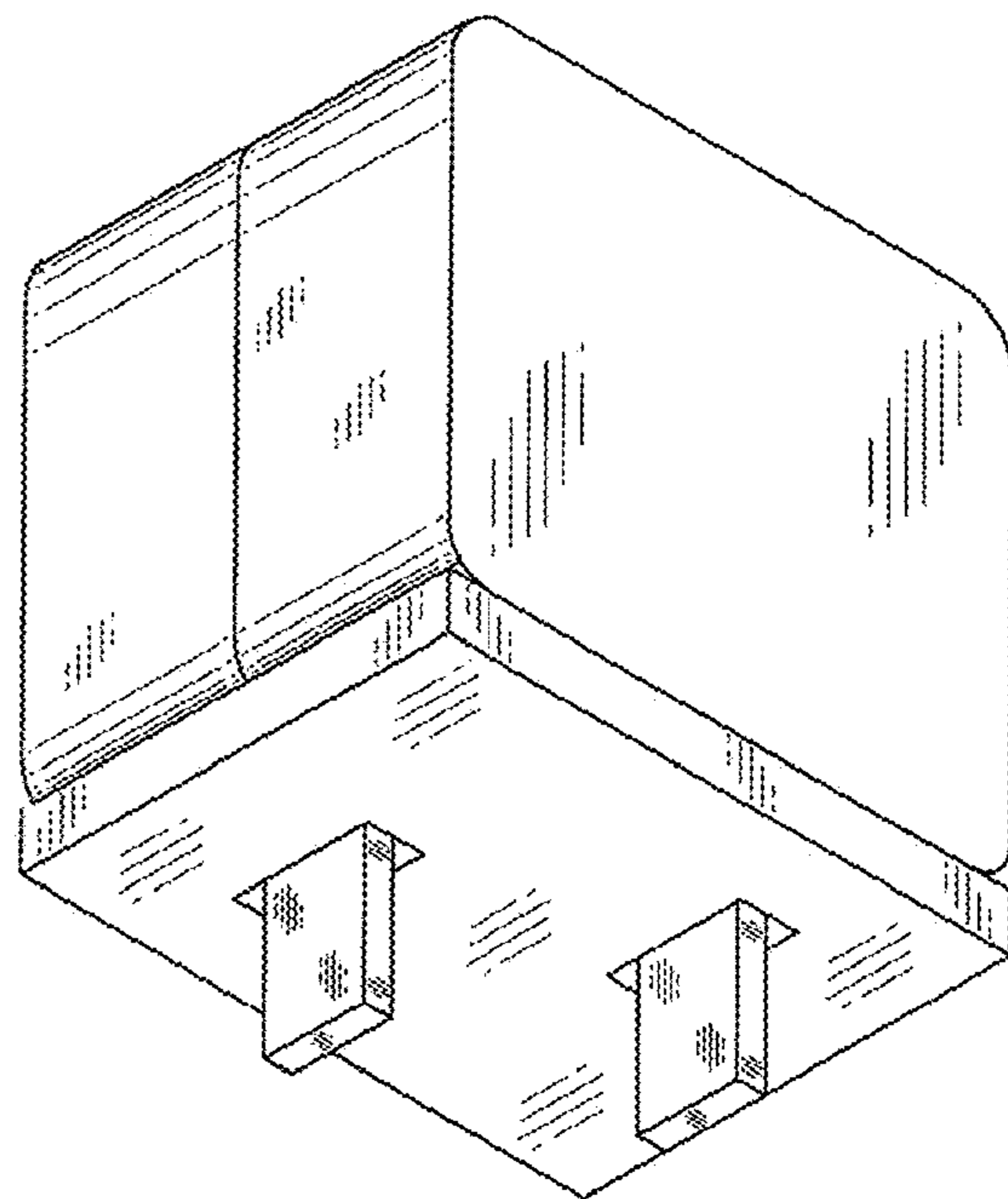


FIG. 2

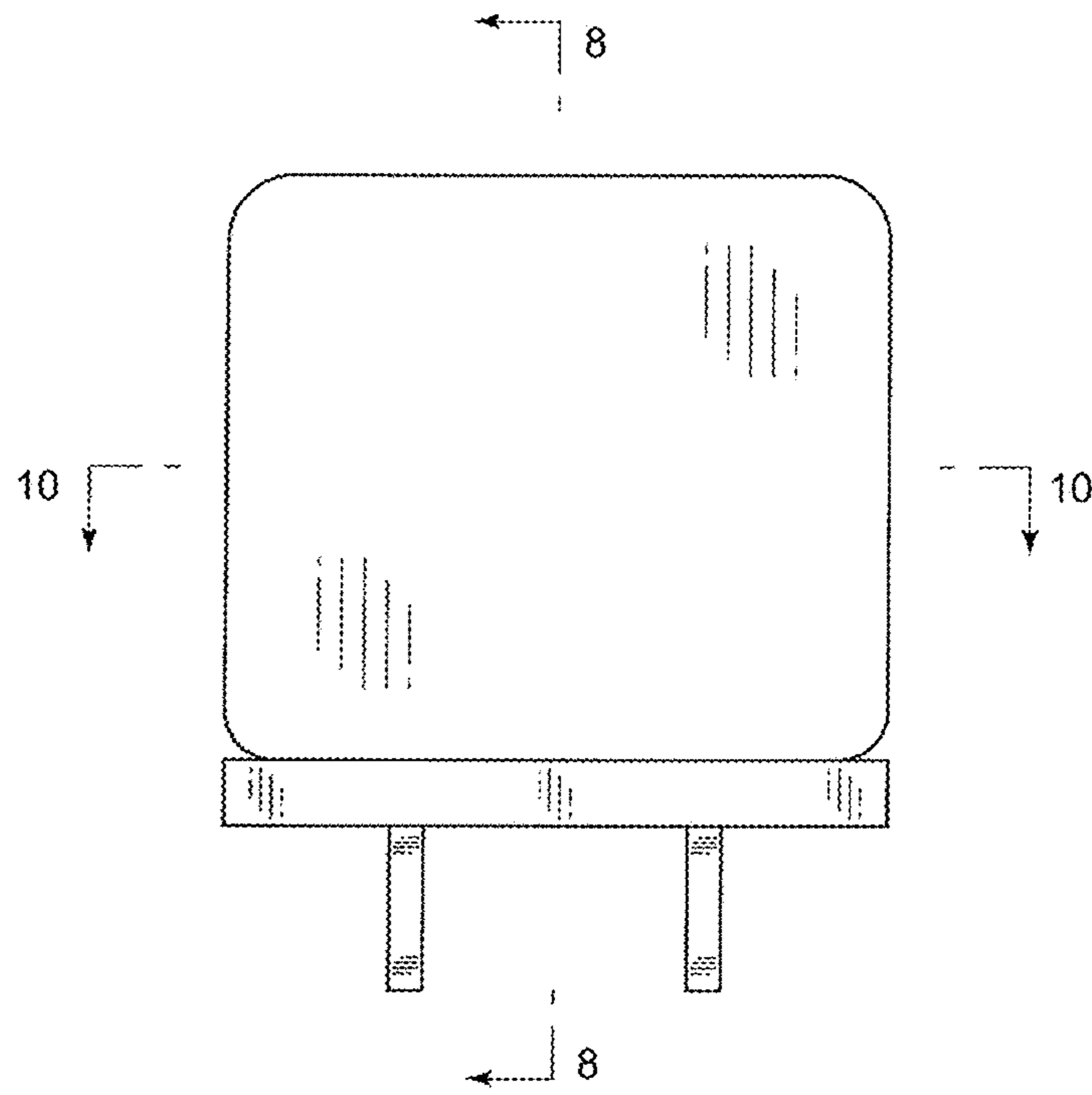


FIG. 3

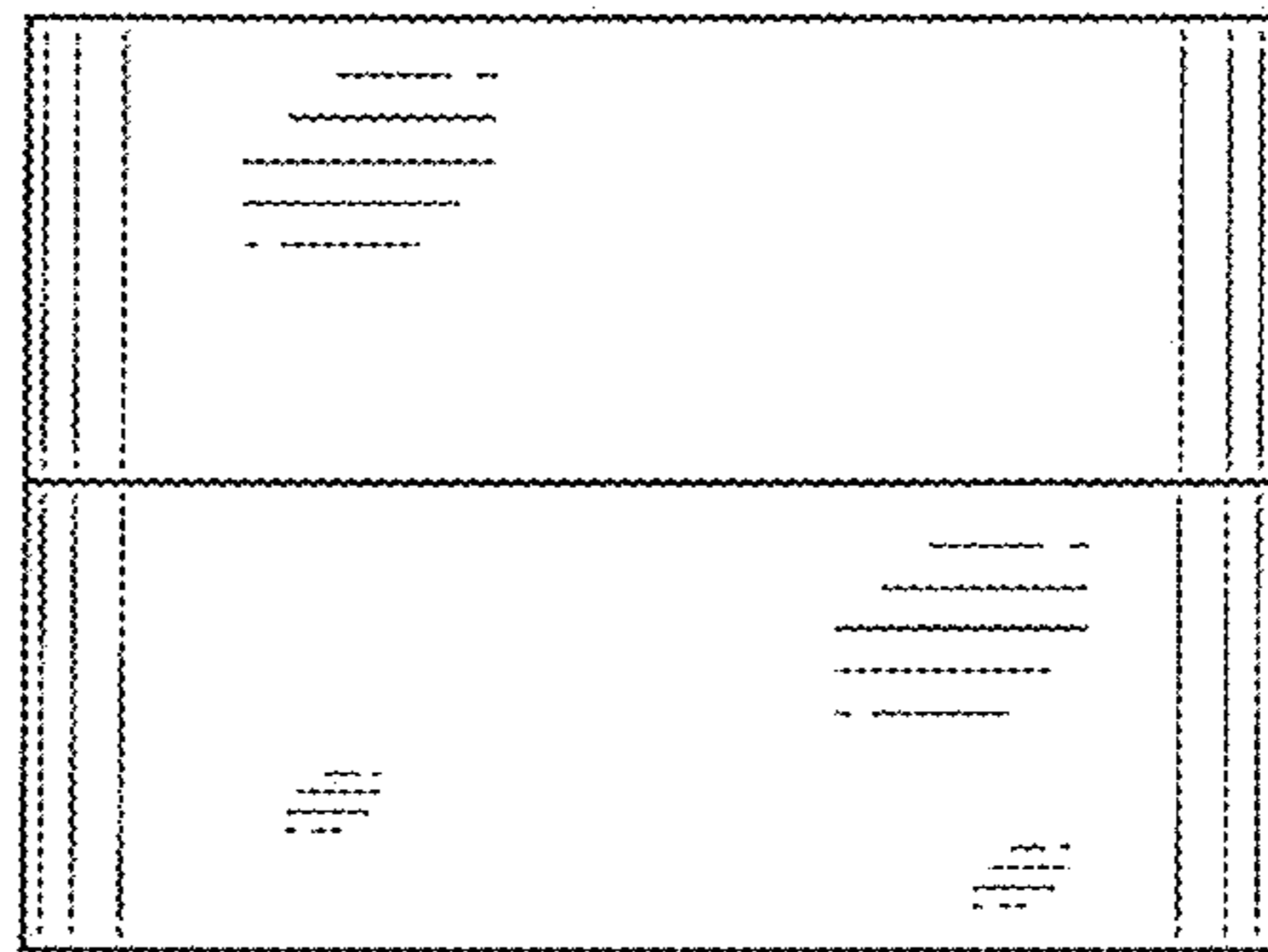


FIG. 4

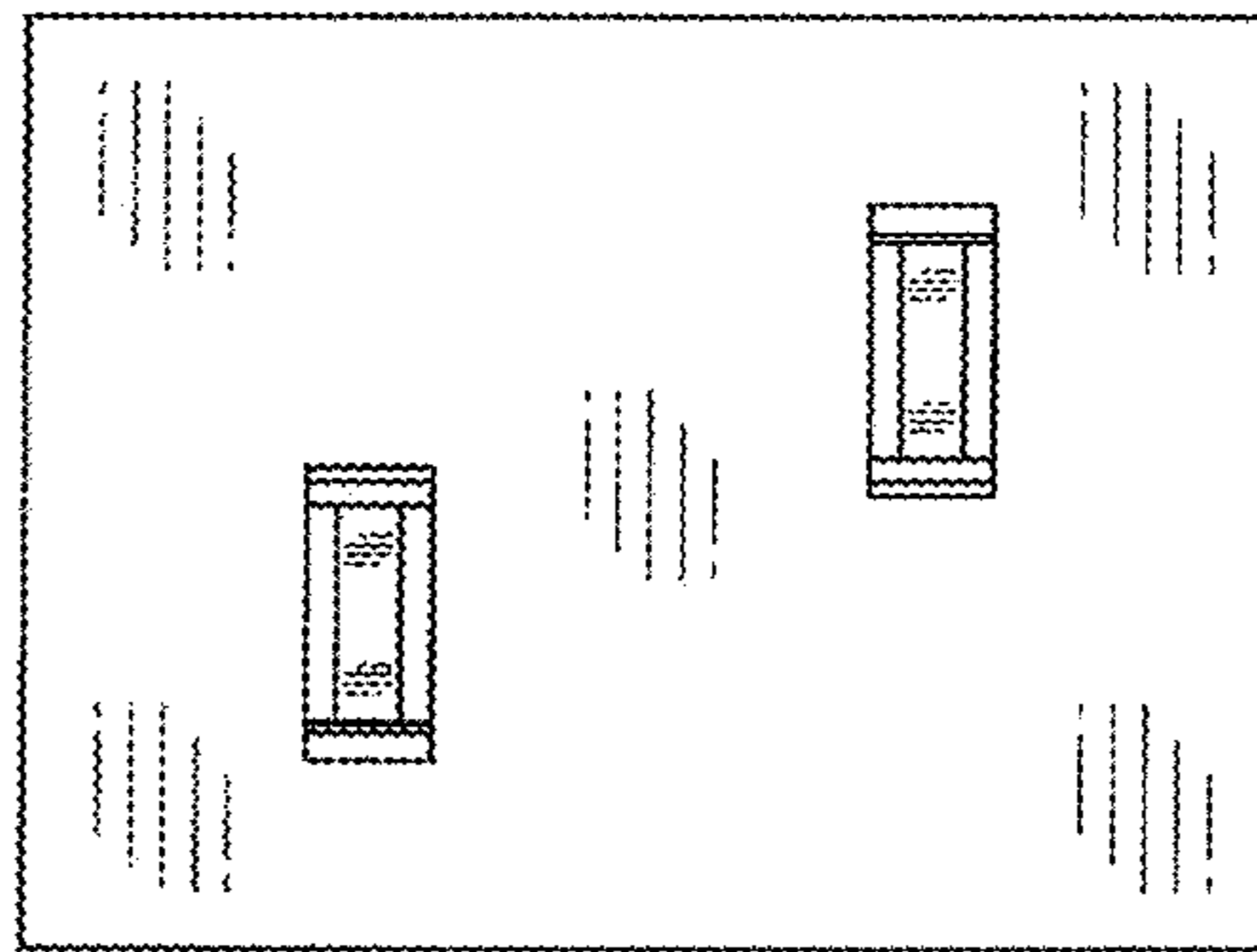


FIG. 5

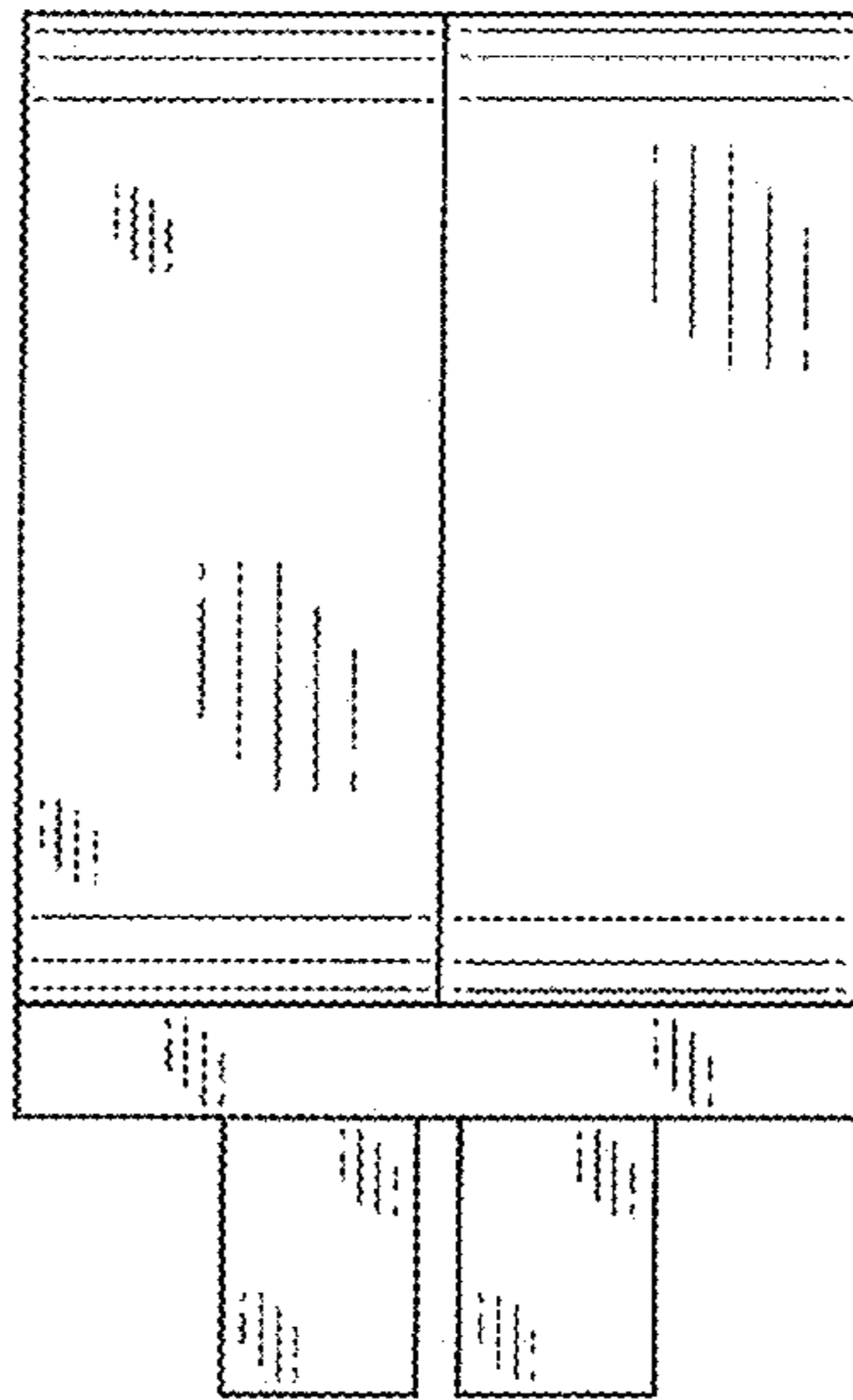


FIG. 6

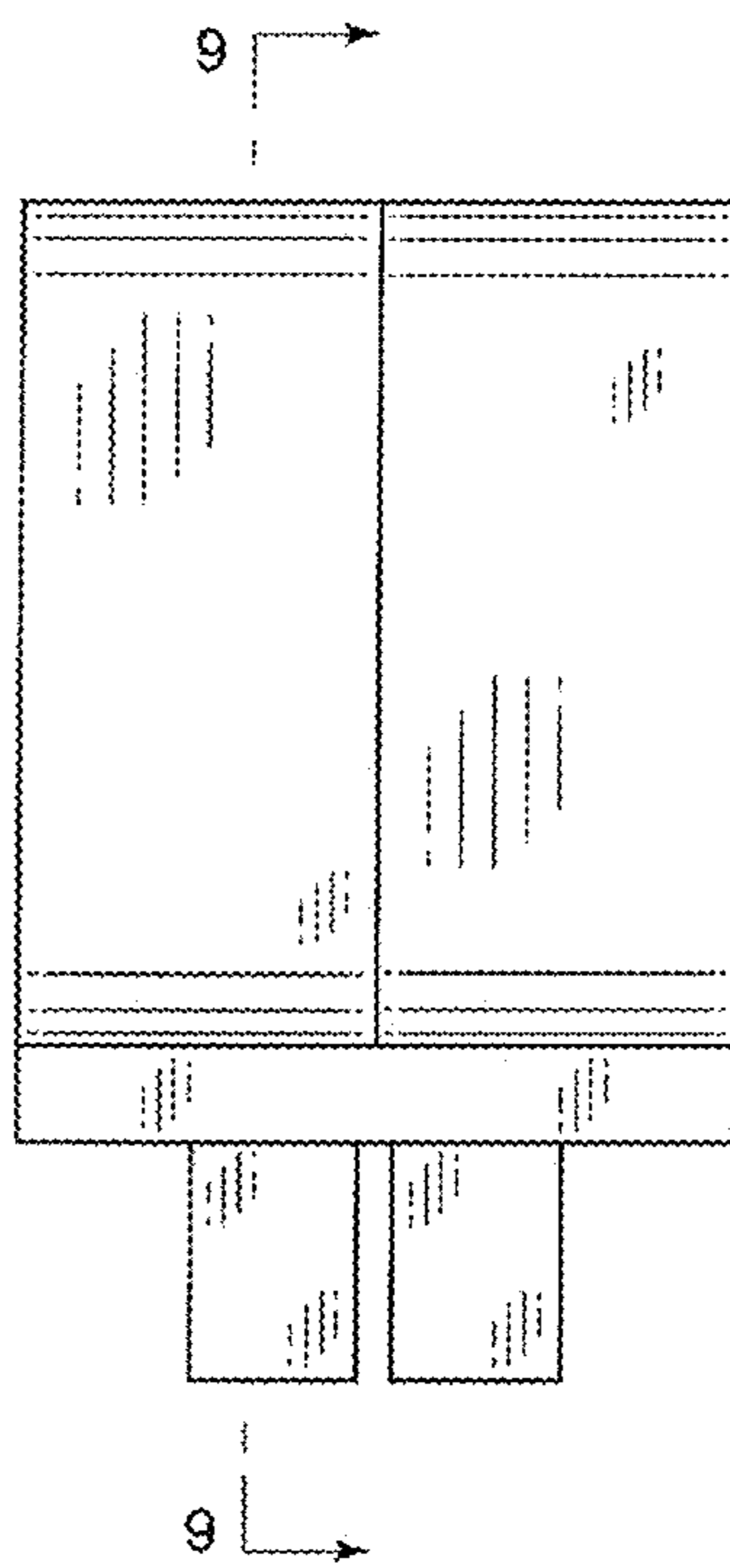


FIG. 7



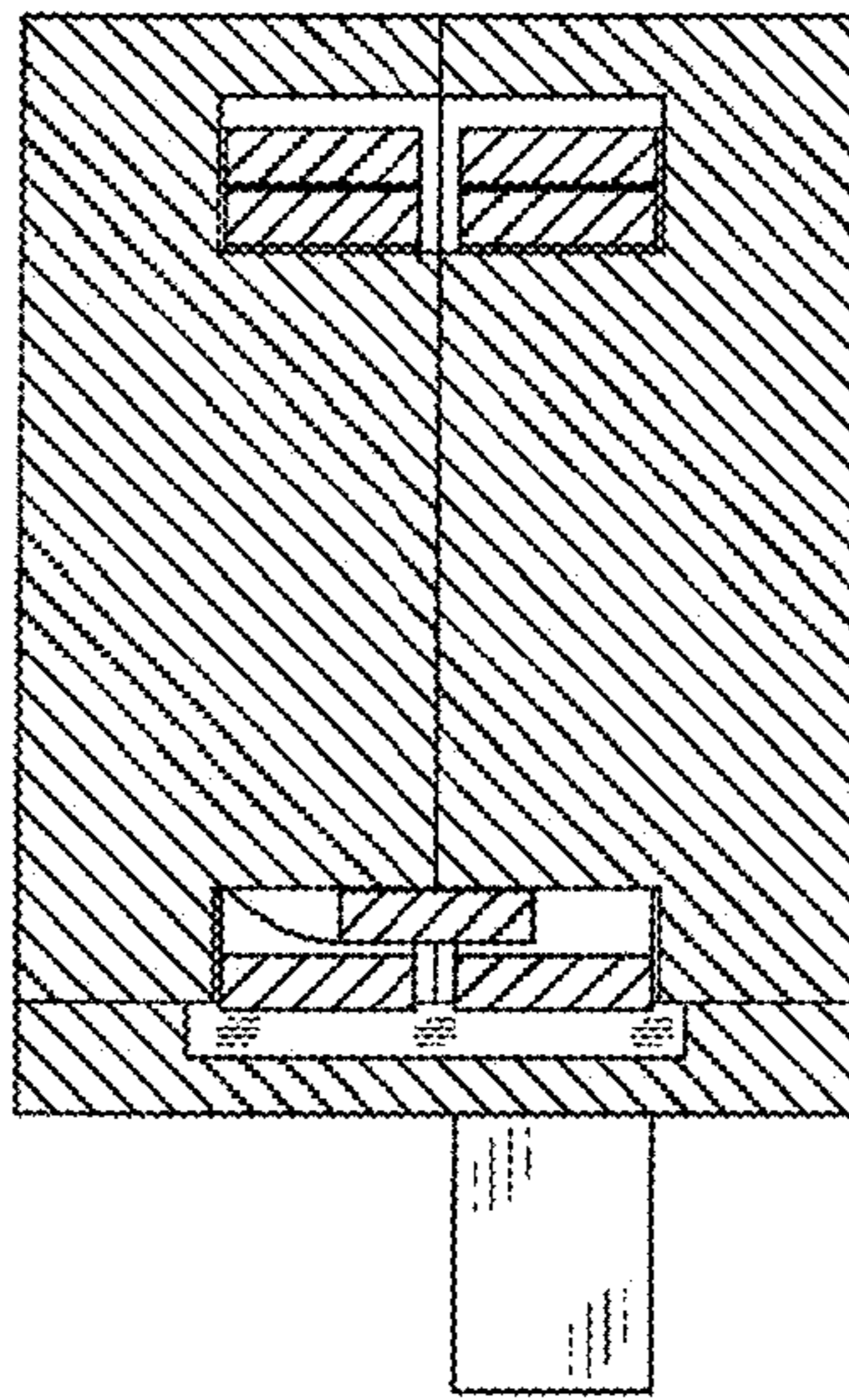


FIG. 8

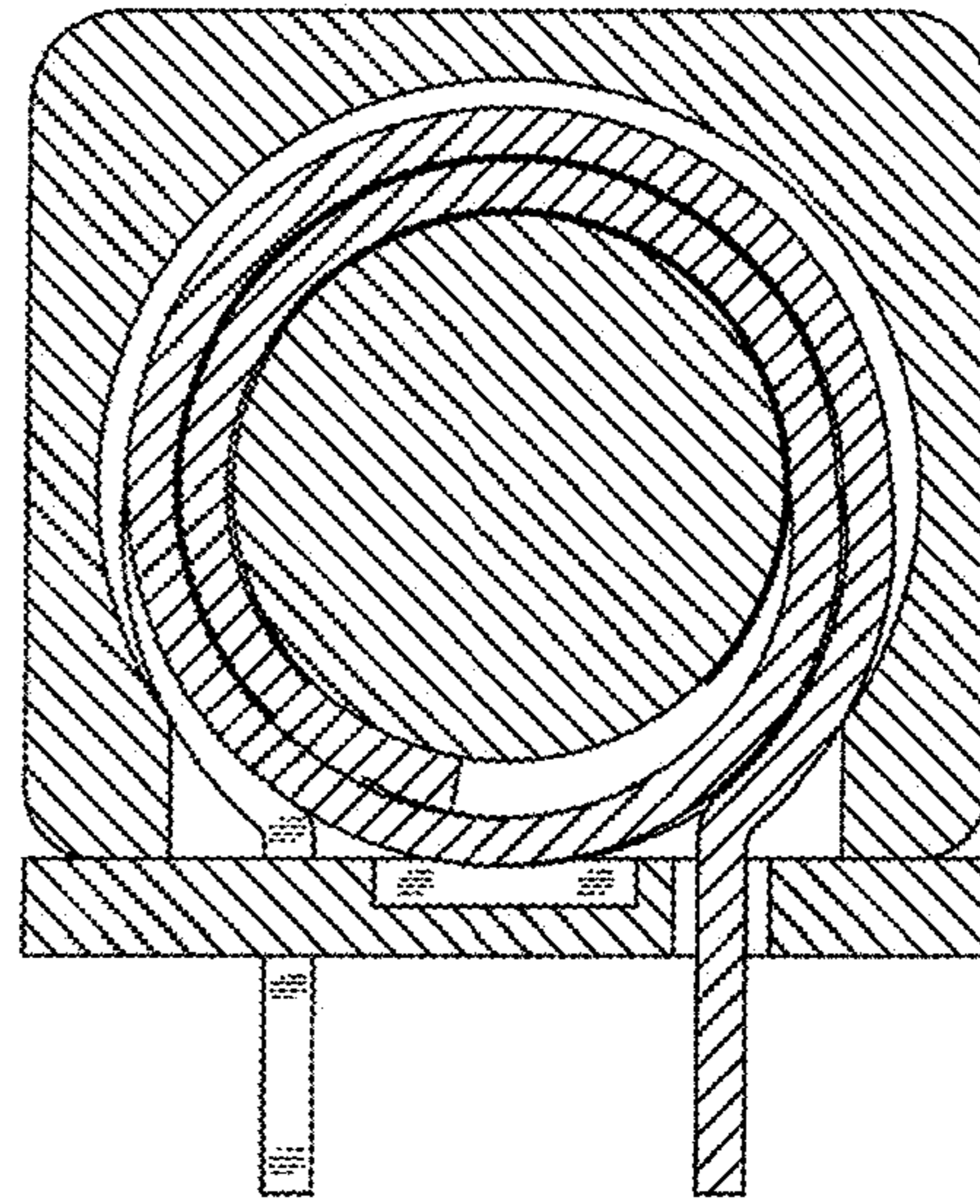


FIG. 9

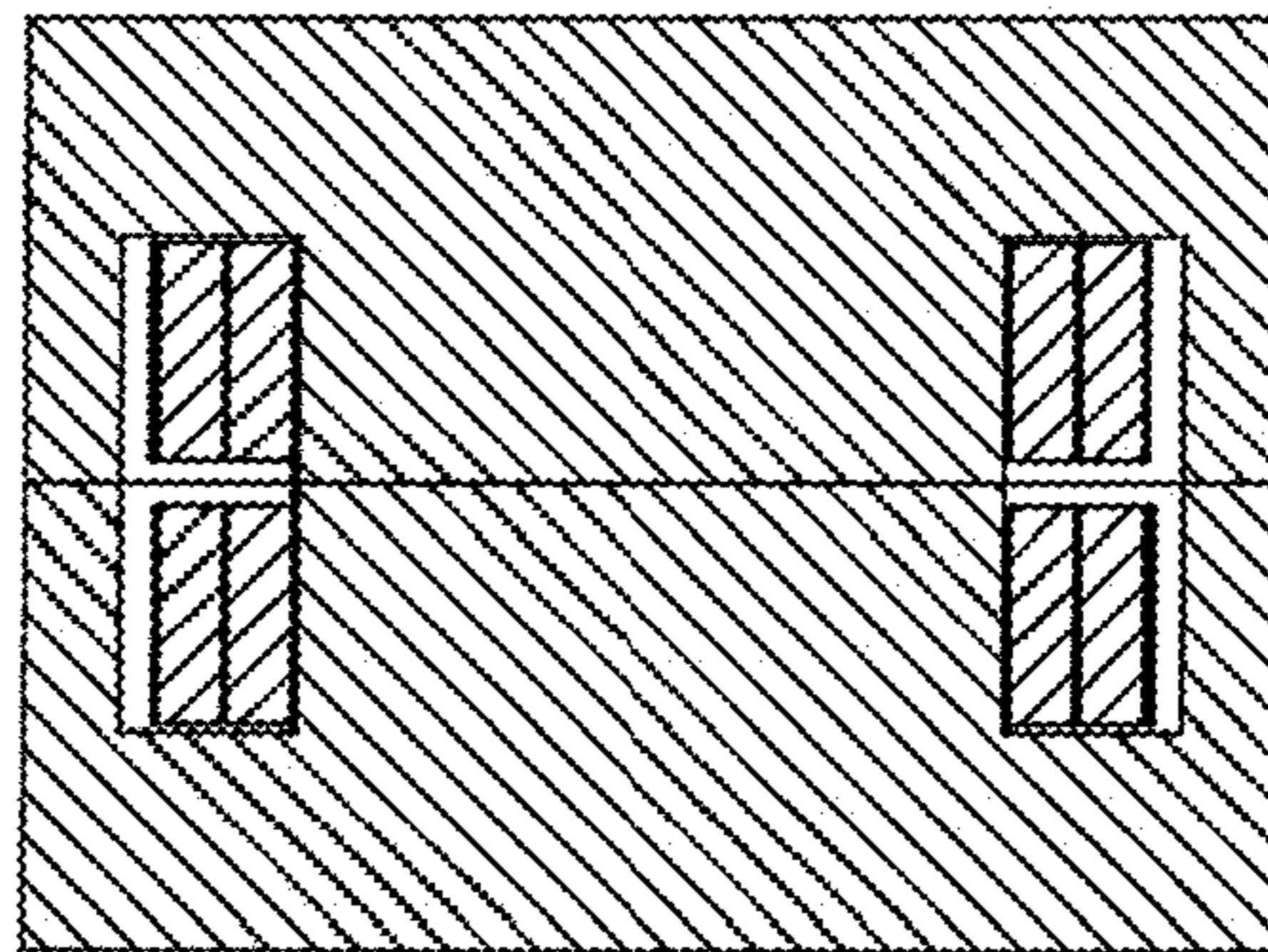


FIG. 10