



US00D664168S

(12) **United States Design Patent**
Okamura et al.

(10) **Patent No.:** **US D664,168 S**

(45) **Date of Patent:** **** Jul. 24, 2012**

(54) **CUTTING INSERT**

2010/0272525 A1* 10/2010 Corbin 407/113
2011/0299948 A1* 12/2011 Edler et al. 407/114

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* cited by examiner

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(**) Term: **14 Years**

(57) **CLAIM**

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

(21) Appl. No.: **29/396,082**

DESCRIPTION

(22) Filed: **Jun. 24, 2011**

(30) **Foreign Application Priority Data**

Dec. 24, 2010 (JP) 2010-030830
Feb. 1, 2011 (JP) 2011-002155

FIG. 1 is a perspective view of a first embodiment of a cutting insert of the claimed design;

FIG. 2 is a front elevational view thereof, the rear elevational view being a mirror image;

FIG. 3 is a top elevational view thereof, the bottom elevational view being identical;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a sectional view taken along line 6-6 of FIG. 2;

FIG. 7 is a perspective view of a second embodiment of a cutting insert of the claimed design;

FIG. 8 is a front elevational view thereof, the rear elevational view being a mirror image;

FIG. 9 is a top elevational view thereof, the bottom elevational view being identical;

FIG. 10 is a left side elevational view thereof;

FIG. 11 is a right side elevational view thereof; and,

FIG. 12 is a sectional view taken along line 12-12 of FIG. 8.

The features shown in broken lines are environment only and not part of the claimed design.

(51) **LOC (9) Cl.** **15-09**

(52) **U.S. Cl.** **D15/139**

(58) **Field of Classification Search** D8/70;
D15/138, 139, 140; 407/33-52, 77, 107-120

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D523,040 S * 6/2006 Niebauer et al. D15/139
D595,322 S * 6/2009 Sakata et al. D15/139
D635,598 S * 4/2011 Widin et al. D15/139
2002/0114674 A1* 8/2002 Hansson 407/103
2007/0257544 A1* 11/2007 Baker et al. 299/81.2
2010/0129168 A1* 5/2010 Waki et al. 407/119
2010/0266354 A1* 10/2010 Zitzlaff et al. 407/113

1 Claim, 6 Drawing Sheets

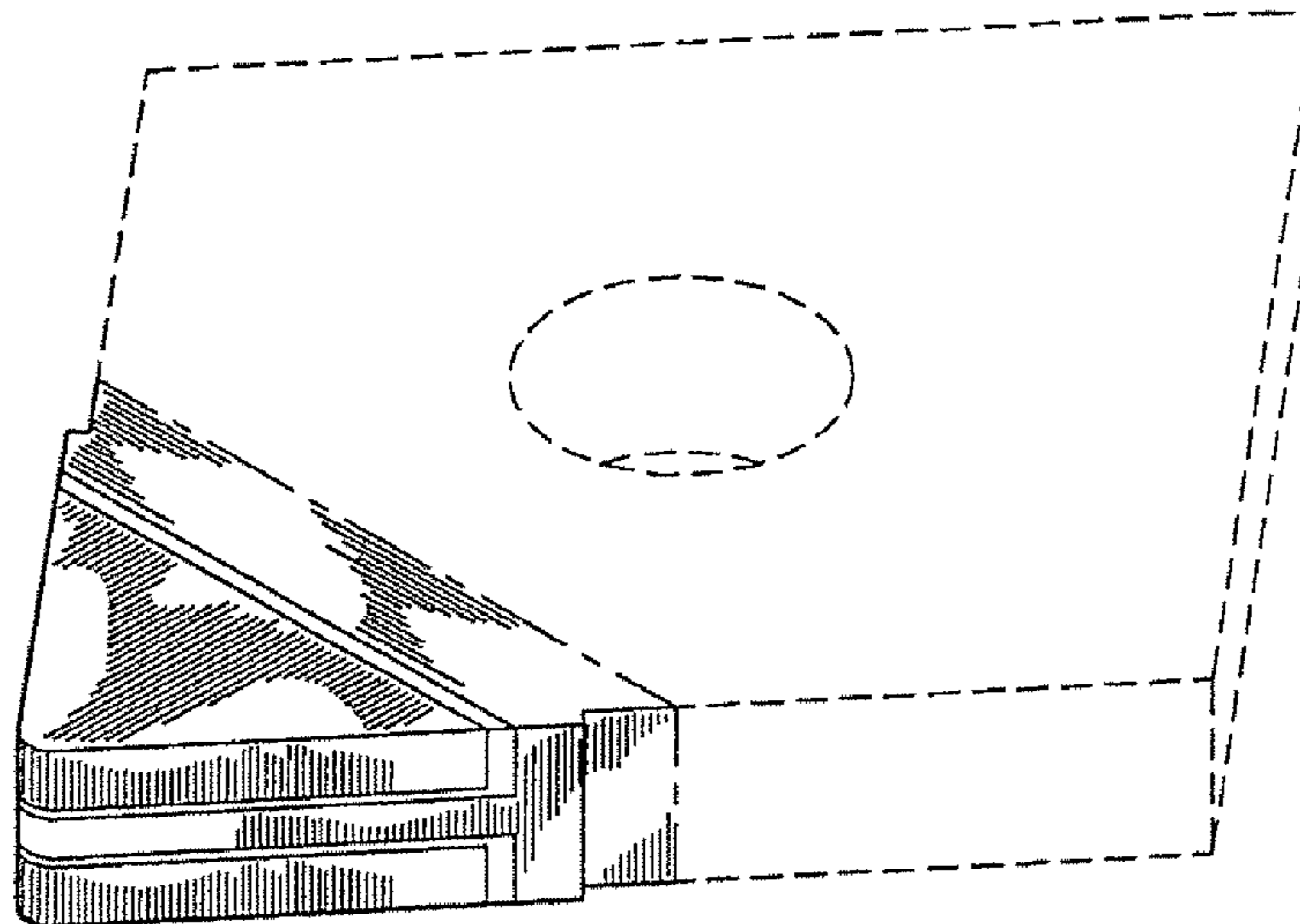


Fig. 1

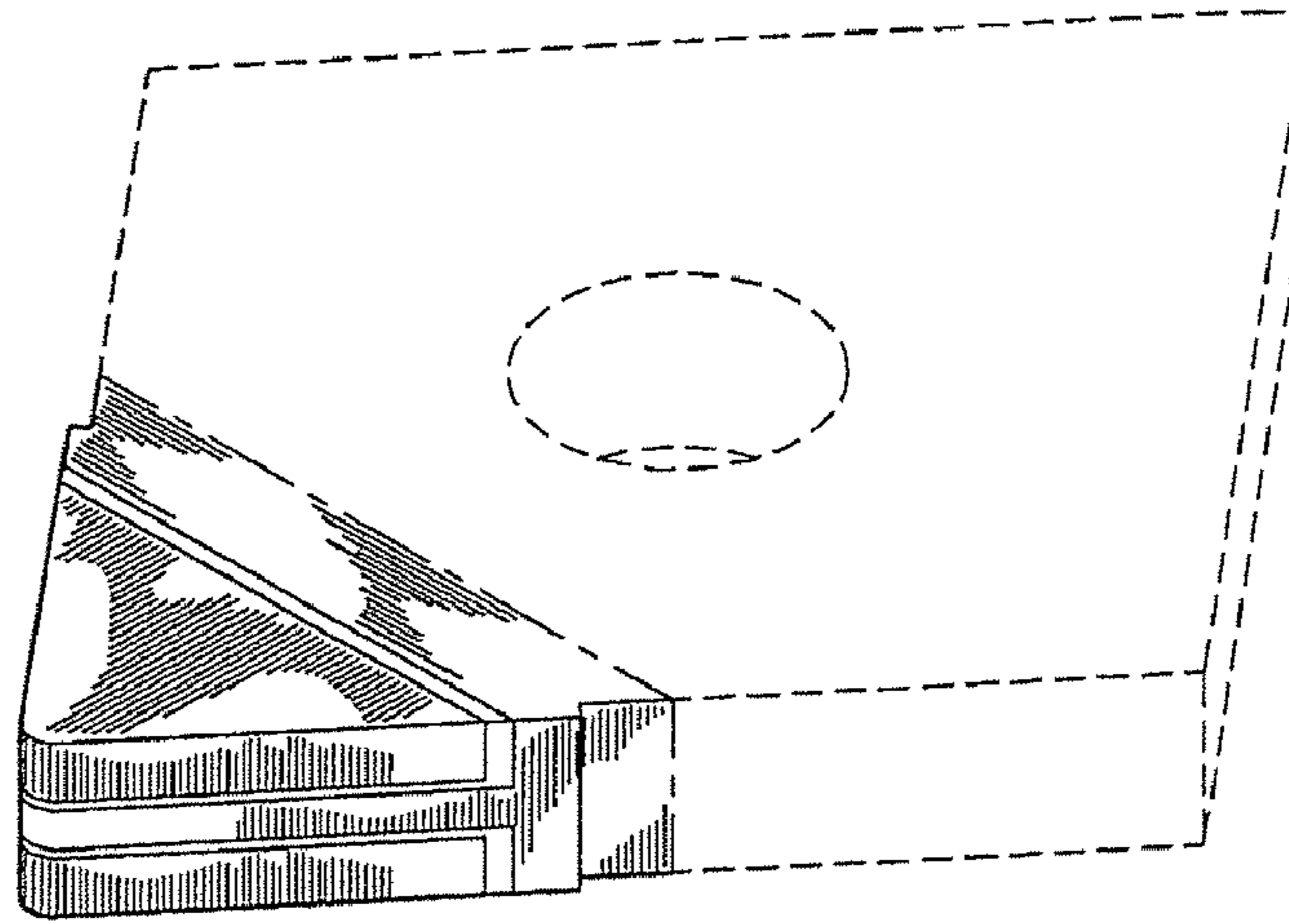


Fig. 2

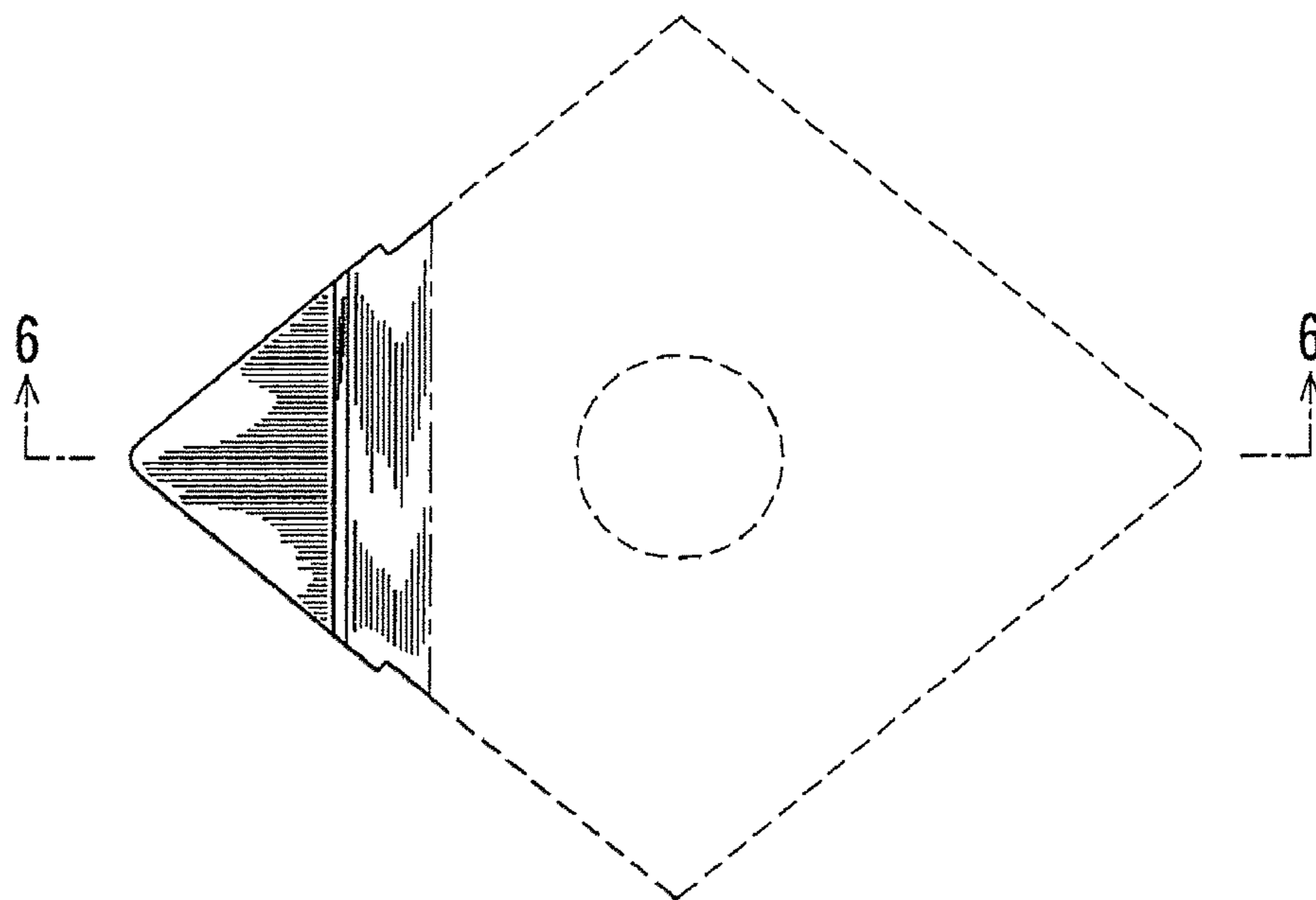


Fig. 3

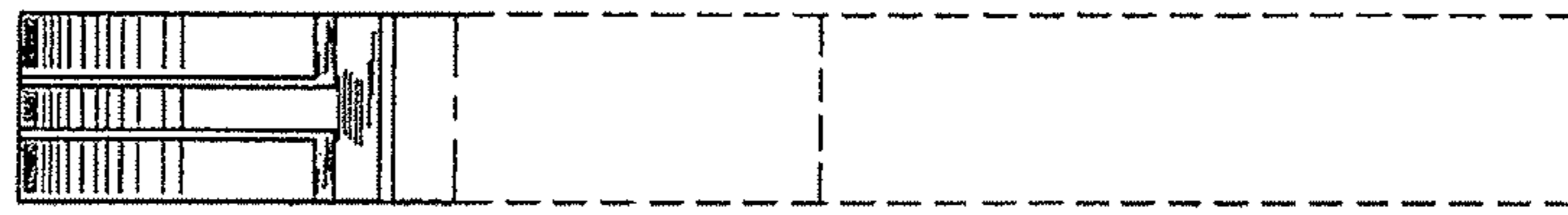


Fig. 4

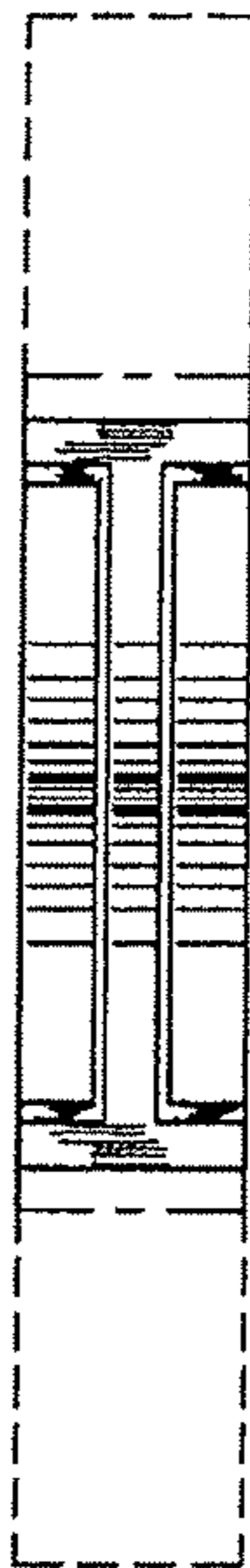


Fig. 5

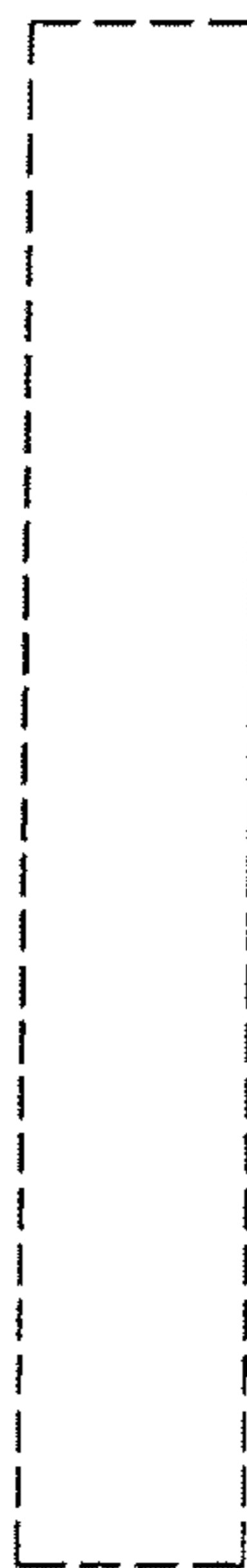


Fig. 6



Fig. 7

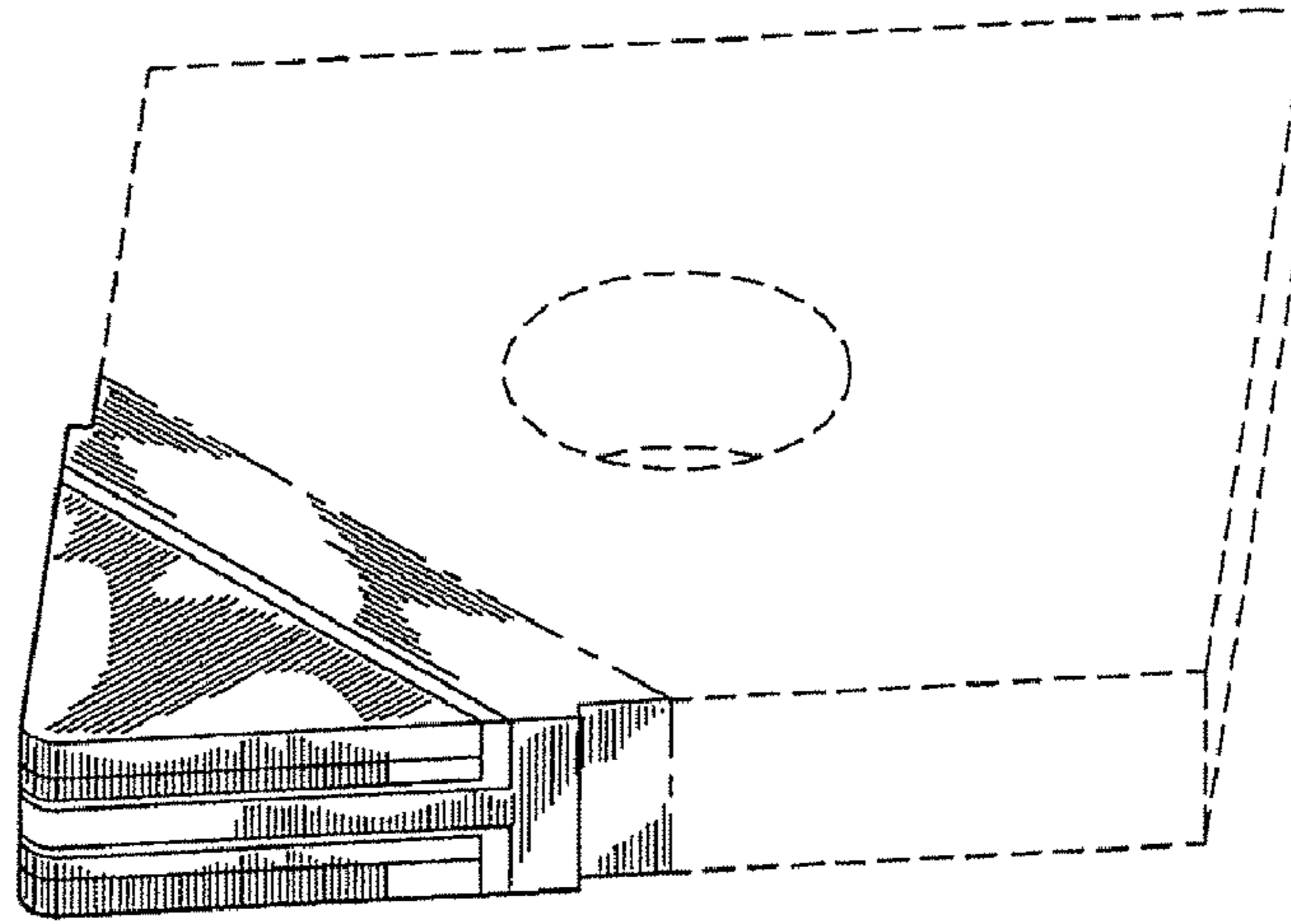


Fig. 8

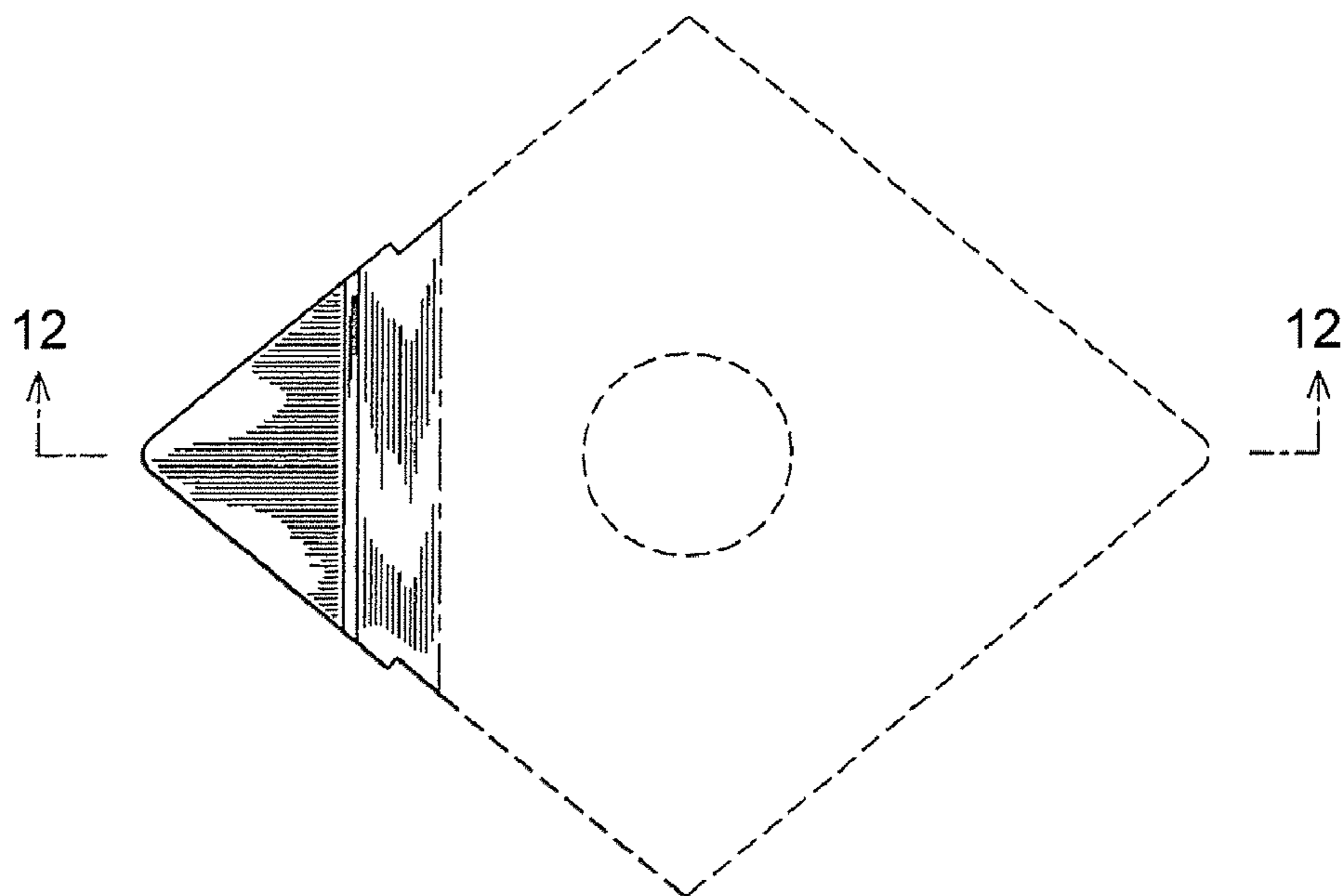


Fig. 9



Fig. 10

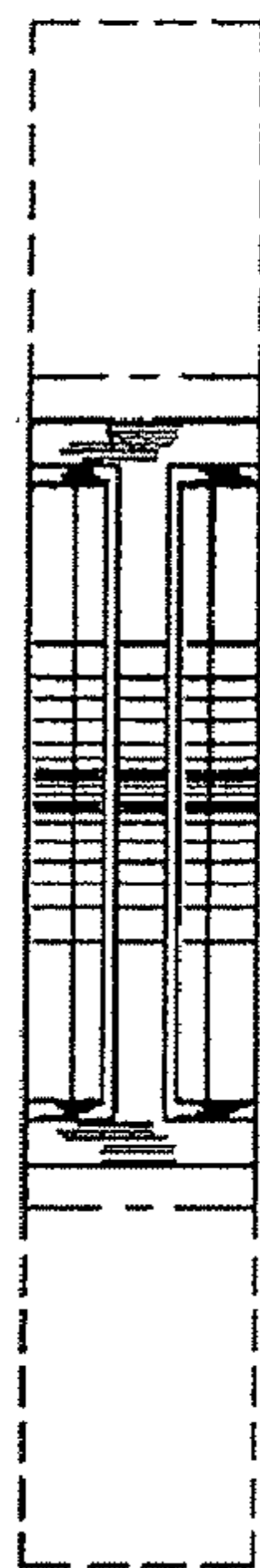


Fig. 11

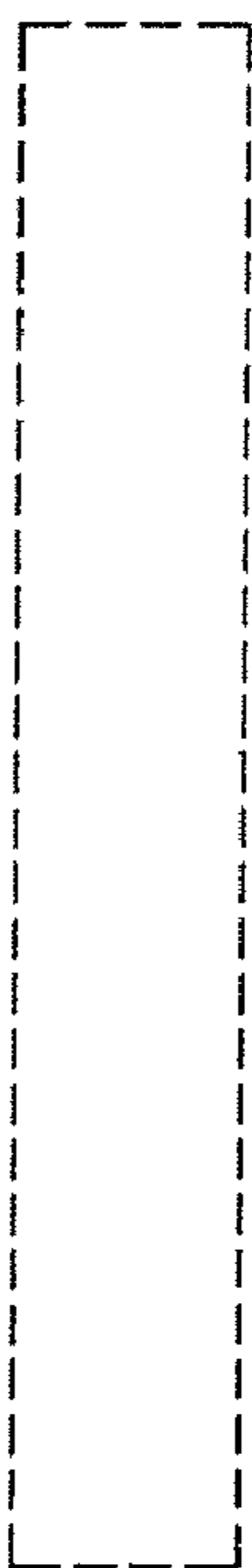


Fig. 12

