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

(10) **Patent No.:** **US D454,057 S**
(45) **Date of Patent:** **** Mar. 5, 2002**

(54) **SELF-PIERCING CLINCH NUT**
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OH (US)

3,053,300 A	9/1962	Quinto	151/41.72
3,253,631 A	5/1966	Reusser	151/41.73
4,432,681 A	2/1984	Capuano	411/180
4,543,023 A	9/1985	Capuano	411/180
5,190,423 A	3/1993	Ewing	411/134
5,340,251 A	8/1994	Takahashi et al.	411/179
5,549,430 A	8/1996	Takahashi et al.	411/179

(73) Assignee: **R B & W Manufacturing LLC**,
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OTHER PUBLICATIONS

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

SPAC HGL, Nut Specifications, by R B & W Corporation,
Forum SP325C009, Rev. Oct. 8, 1996.

(21) Appl. No.: **29/146,089**

SPAC HGLB, Nut Specifications, by R B & W Corporation,
Forum SP325C010, Rev. Oct. 8, 1996.

(22) Filed: **Aug. 3, 2001**

Primary Examiner—B. J. Bullock

Related U.S. Application Data

(74) *Attorney, Agent, or Firm*—Pearne & Gordon LLP

(60) Division of application No. 29/133,078, filed on Nov. 20,
2000, which is a continuation-in-part of application No.
29/102,399, filed on Mar. 24, 1999, now Pat. No. Des.
437,211.

(57) **CLAIM**

The ornamental design for a self-piercing clinch nut, as
shown and described.

(51) **LOC (7) Cl.** **08-08**

DESCRIPTION

(52) **U.S. Cl.** **D8/397**

FIG. 1 is a perspective view of a self-piercing clinch nut
including a plurality of lugs angularly spaced about a central
pilot, showing our new design;

(58) **Field of Search** D8/397; 411/427,
411/429, 430, 918, 179, 180

FIG. 2 is a top plan view thereof;

(56) **References Cited**

FIG. 3 is a vertical cross-sectional view taken along line
3—3 of FIG. 2;

U.S. PATENT DOCUMENTS

D140,317 S	2/1945	Allen	D54/9
2,552,794 A	5/1951	Kimbell	85/32
D186,858 S	12/1959	Reiner	D54/9

FIG. 4 is a bottom plan view; and,

FIG. 5 is a side elevational view.

1 Claim, 1 Drawing Sheet

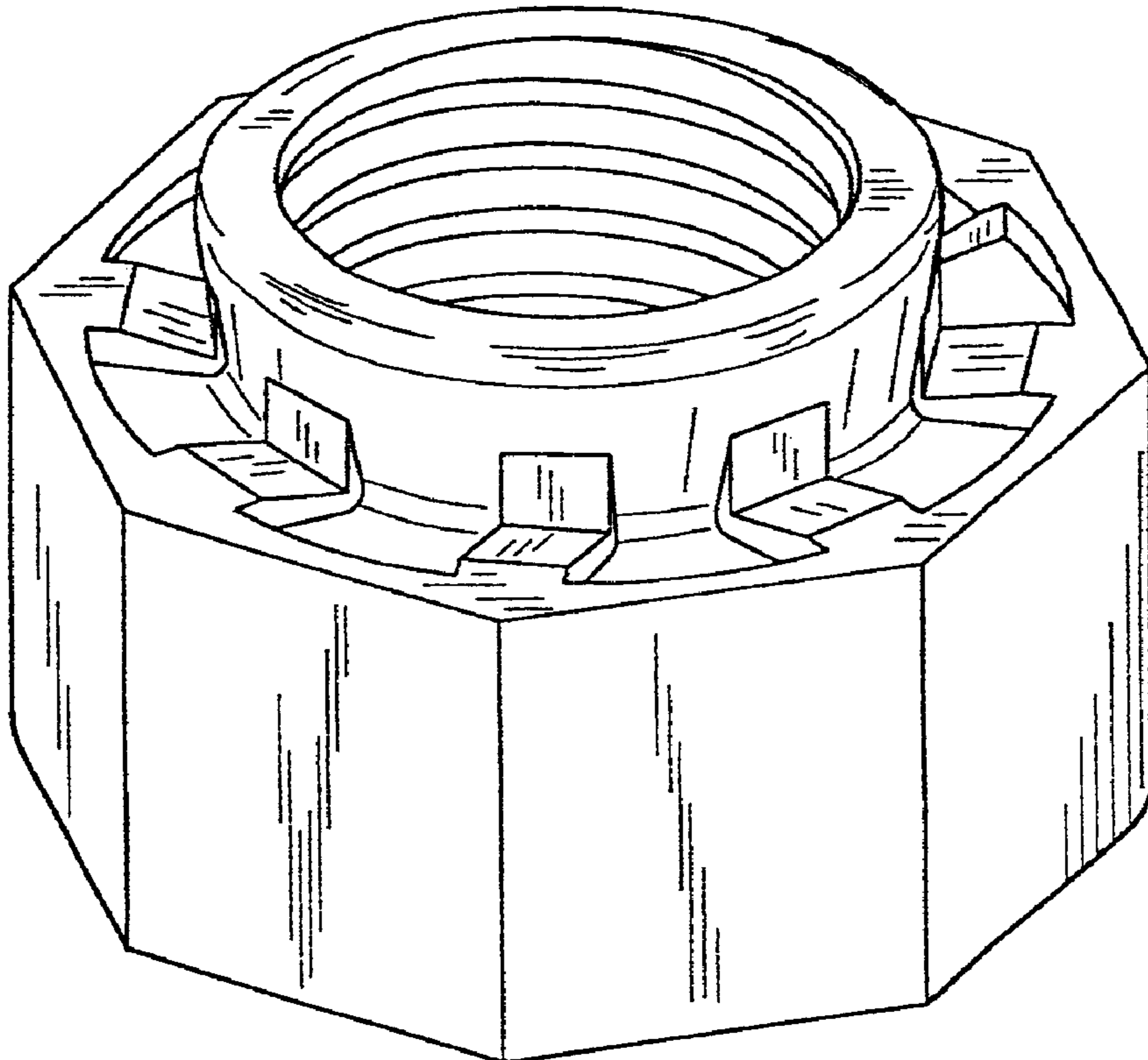


FIG. 1

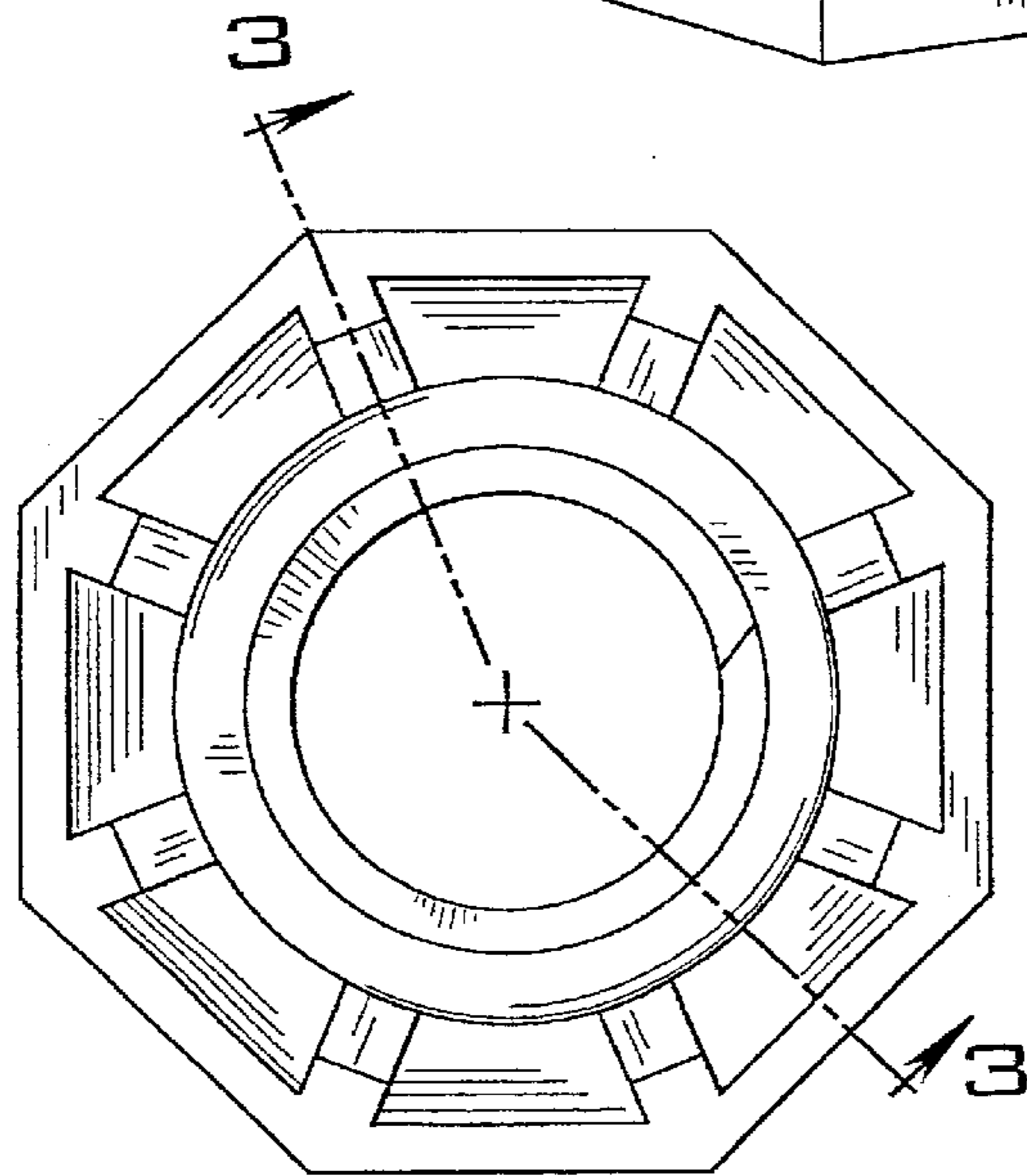
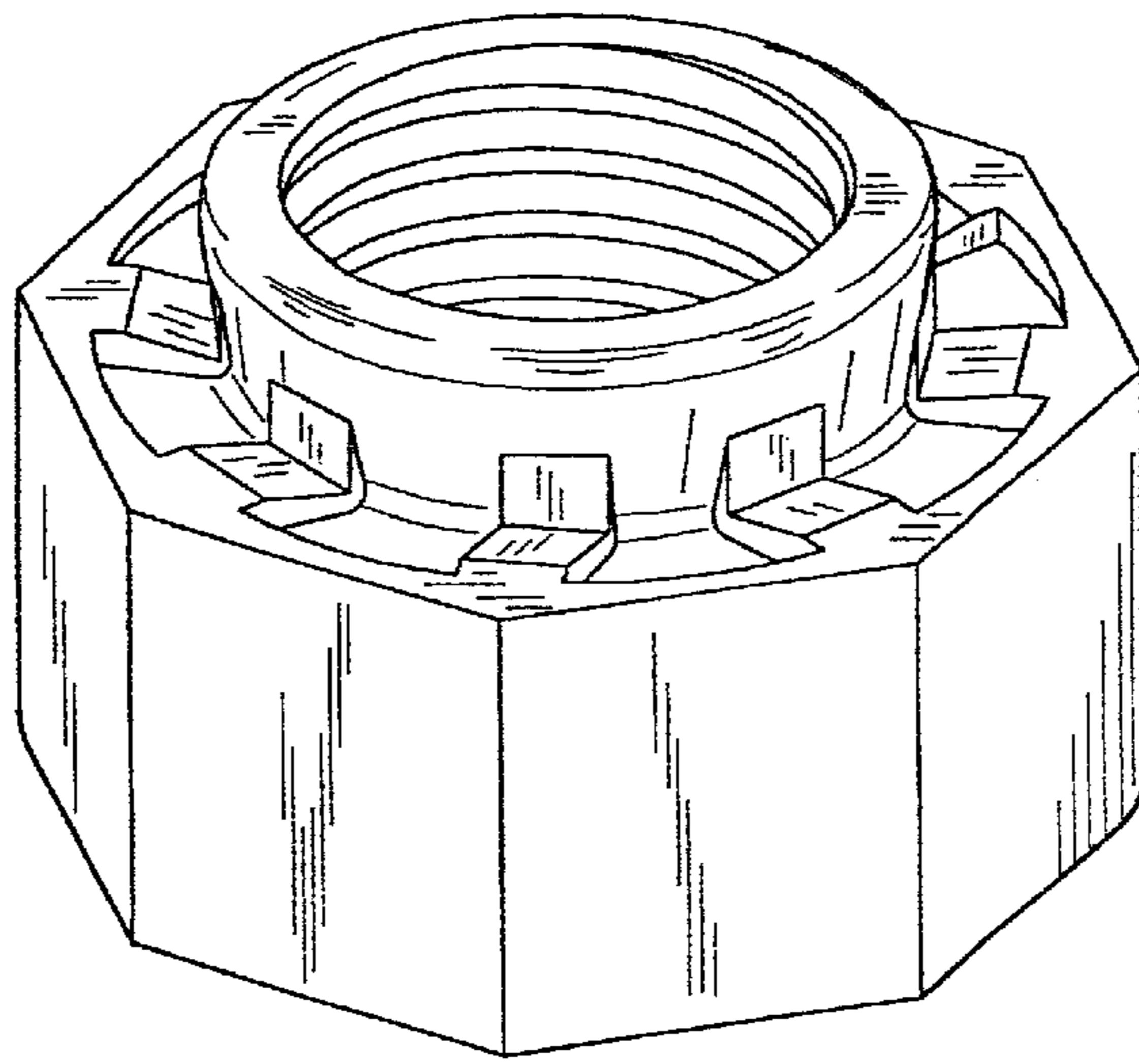


FIG. 2

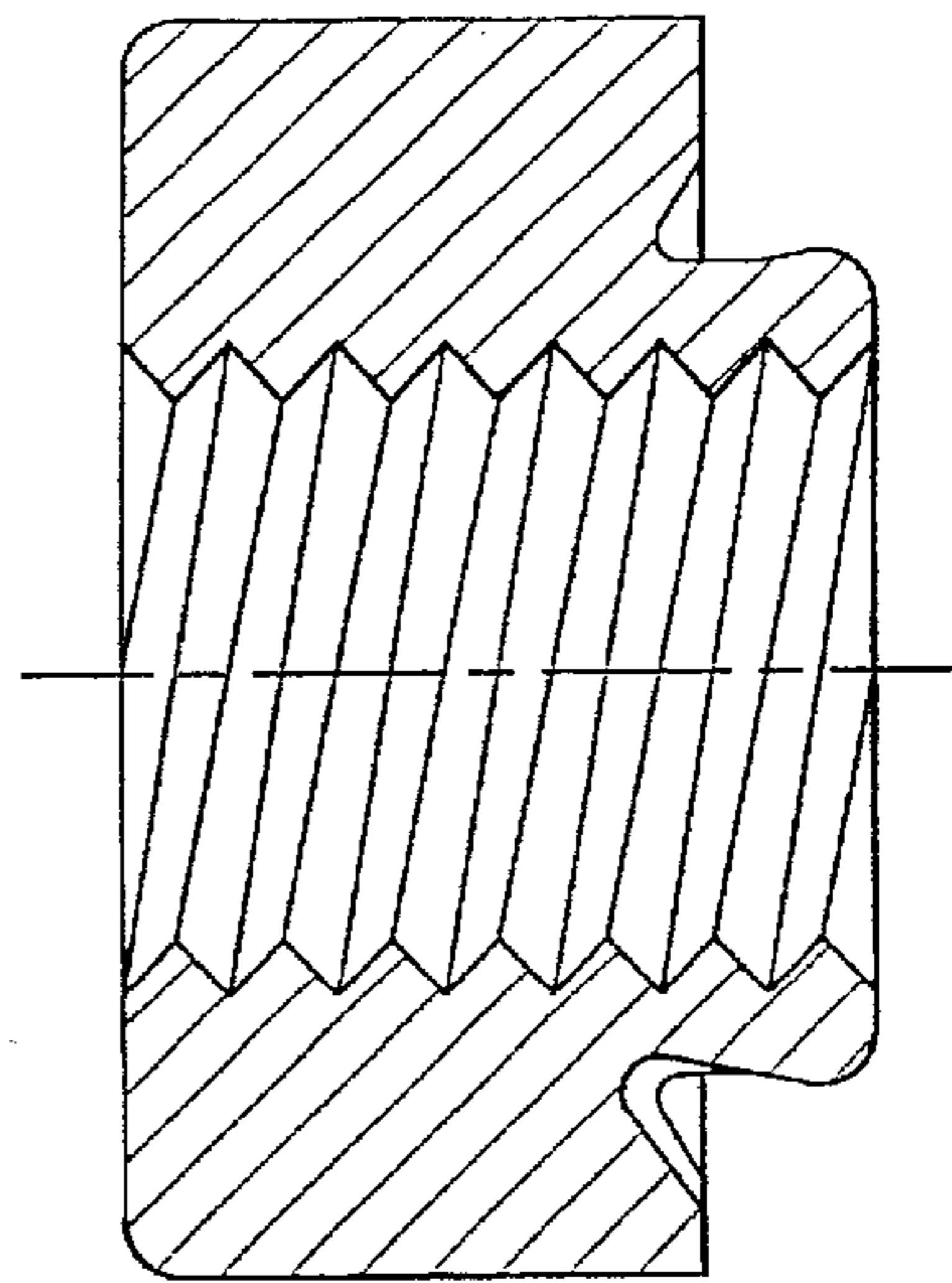


FIG. 3

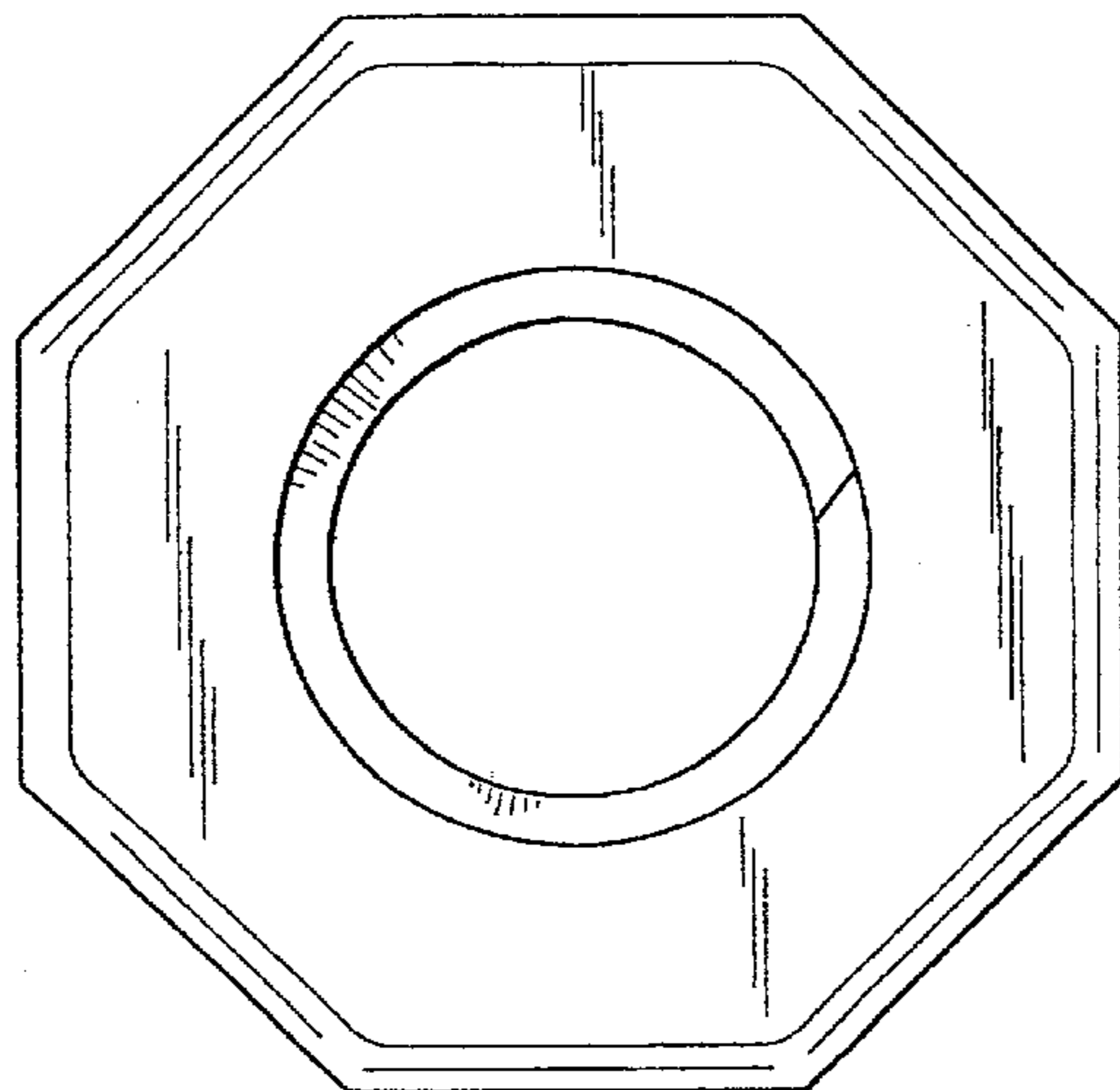


FIG. 4

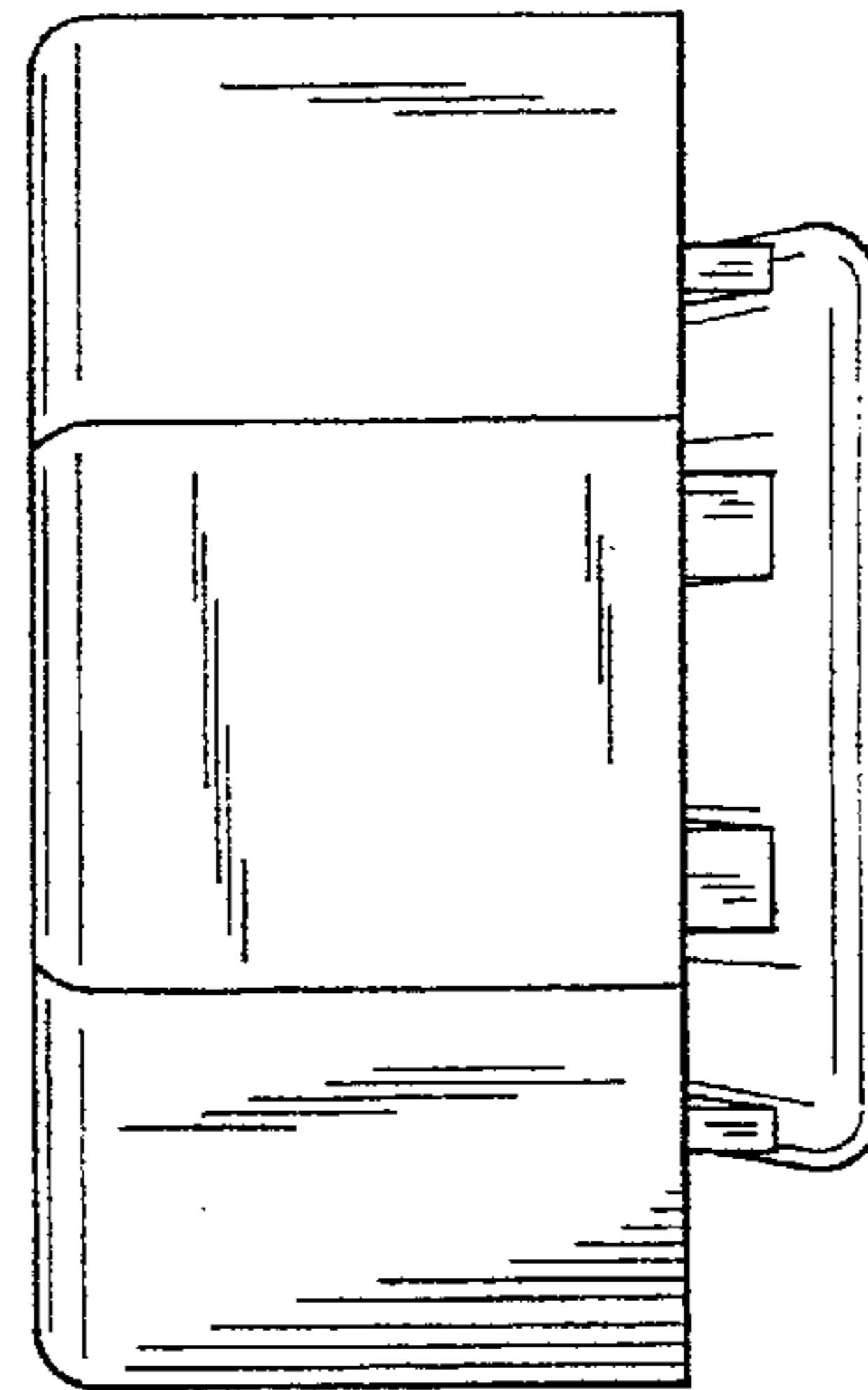


FIG. 5