



US00D750467S

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

(10) **Patent No.:** **US D750,467 S**

(45) **Date of Patent:** **** Mar. 1, 2016**

(54) **SHIMLESS SPACER**

(71) Applicant: **Jonathan A. Hill**, Stevens Point, WI (US)

(72) Inventor: **Jonathan A. Hill**, Stevens Point, WI (US)

(73) Assignee: **STEEL KING INDUSTRIES, INC.**, Stevens Point, WI (US)

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

(21) Appl. No.: **29/463,135**

(22) Filed: **Aug. 12, 2013**

(51) **LOC (10) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/354**; D8/349

(58) **Field of Classification Search**
USPC D8/349, 354, 394-399, 499; D13/155, D13/173
CPC F16B 1/00; F16C 11/06; B65H 49/32; B65H 54/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D198,713 S * 7/1964 Curtiss D8/397
3,309,117 A * 3/1967 Gottschald 403/135

5,175,999 A * 1/1993 Hara et al. 60/339
D347,567 S * 6/1994 Duffy D8/354
D372,192 S * 7/1996 Pigott et al. D8/499
D380,959 S * 7/1997 Mitchell D8/354
D633,872 S * 3/2011 Shen et al. D13/155
D658,973 S * 5/2012 Drake D8/349
D658,978 S * 5/2012 Linares D8/399
8,579,572 B1 * 11/2013 Psimas 411/535
D695,591 S * 12/2013 Ackerman et al. D8/349
D700,501 S * 3/2014 Ackerman et al. D8/349
2013/0322797 A1 * 12/2013 Barth et al. 384/420

* cited by examiner

Primary Examiner — Thomas Johannes

Assistant Examiner — Shawn T Gingrich

(74) *Attorney, Agent, or Firm* — Richard John Bartz

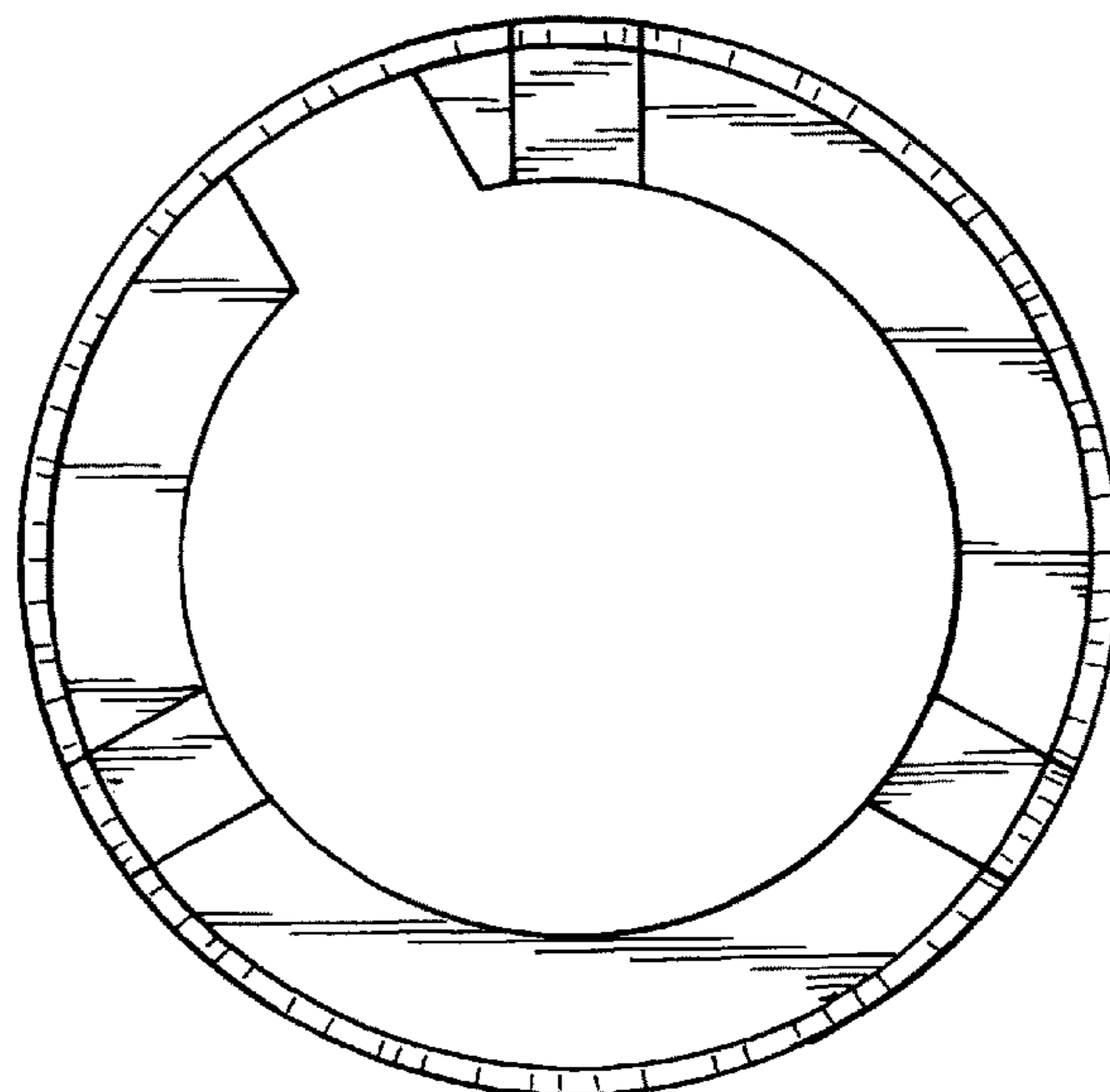
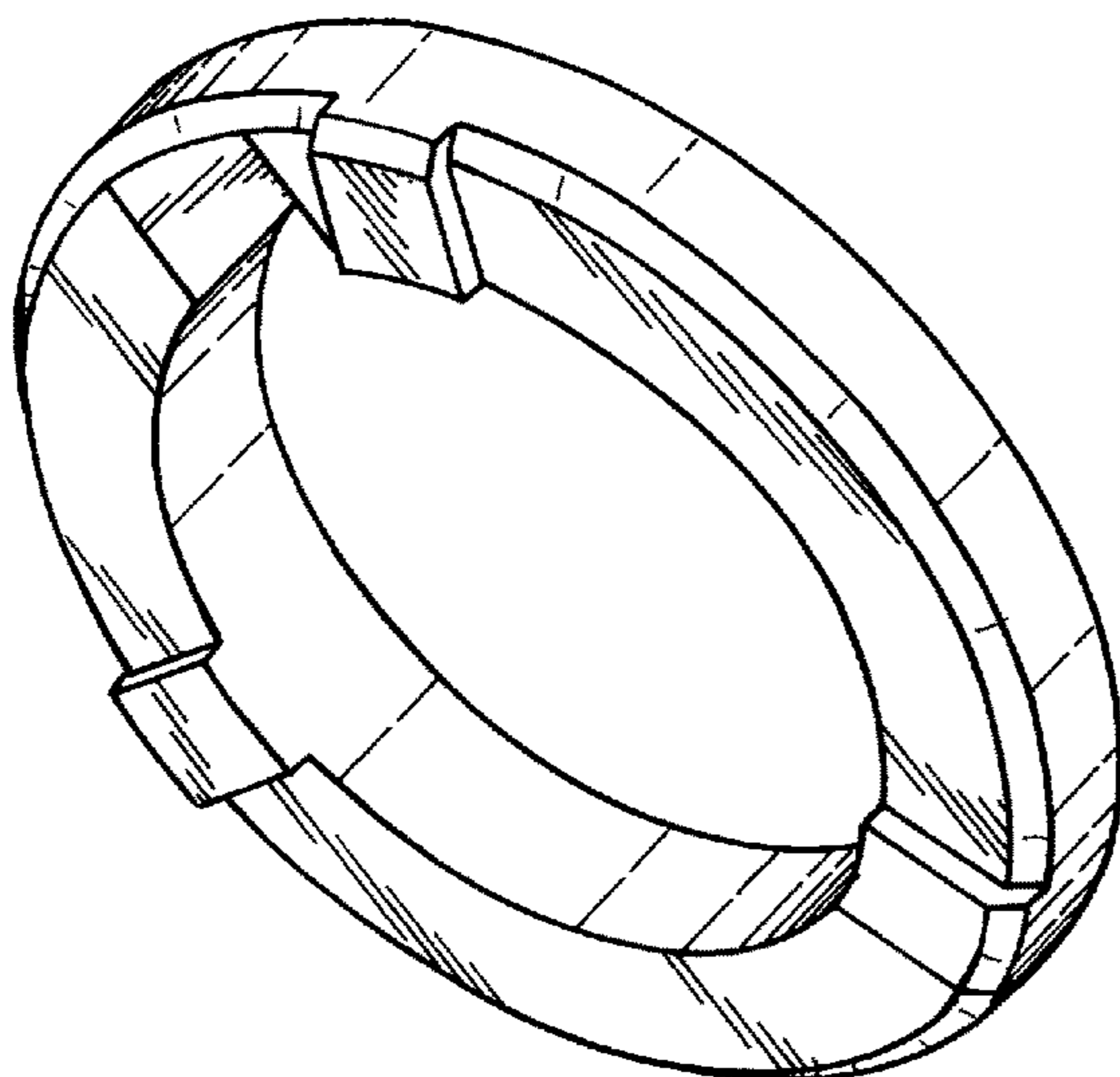
(57) **CLAIM**

I claim the ornamental design for the shimless spacer, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a the male shimless spacer of my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a side elevational view of the left side thereof; and,
FIG. 7 is a side elevational view of the right side thereof.

1 Claim, 3 Drawing Sheets



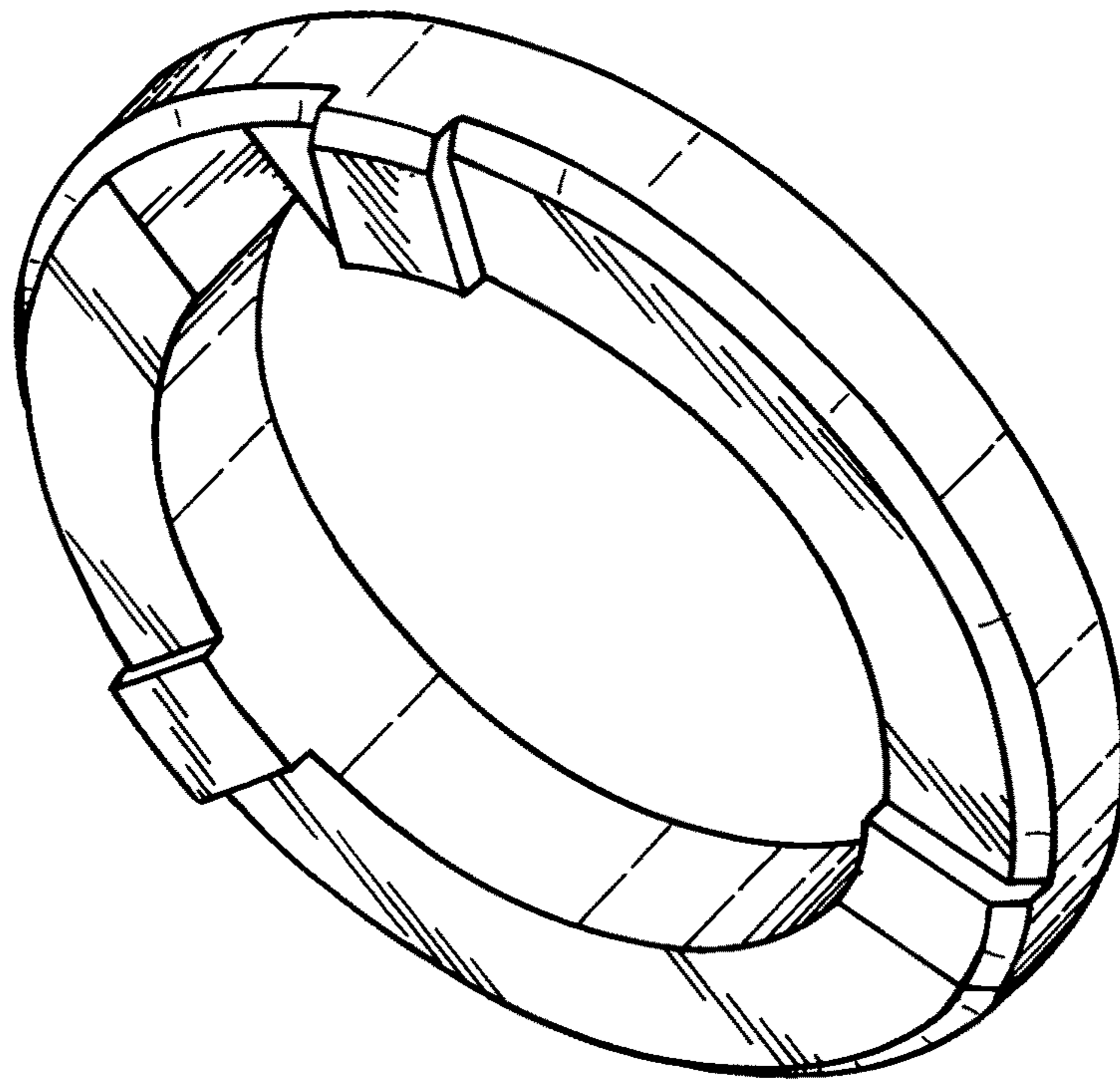


FIG.1

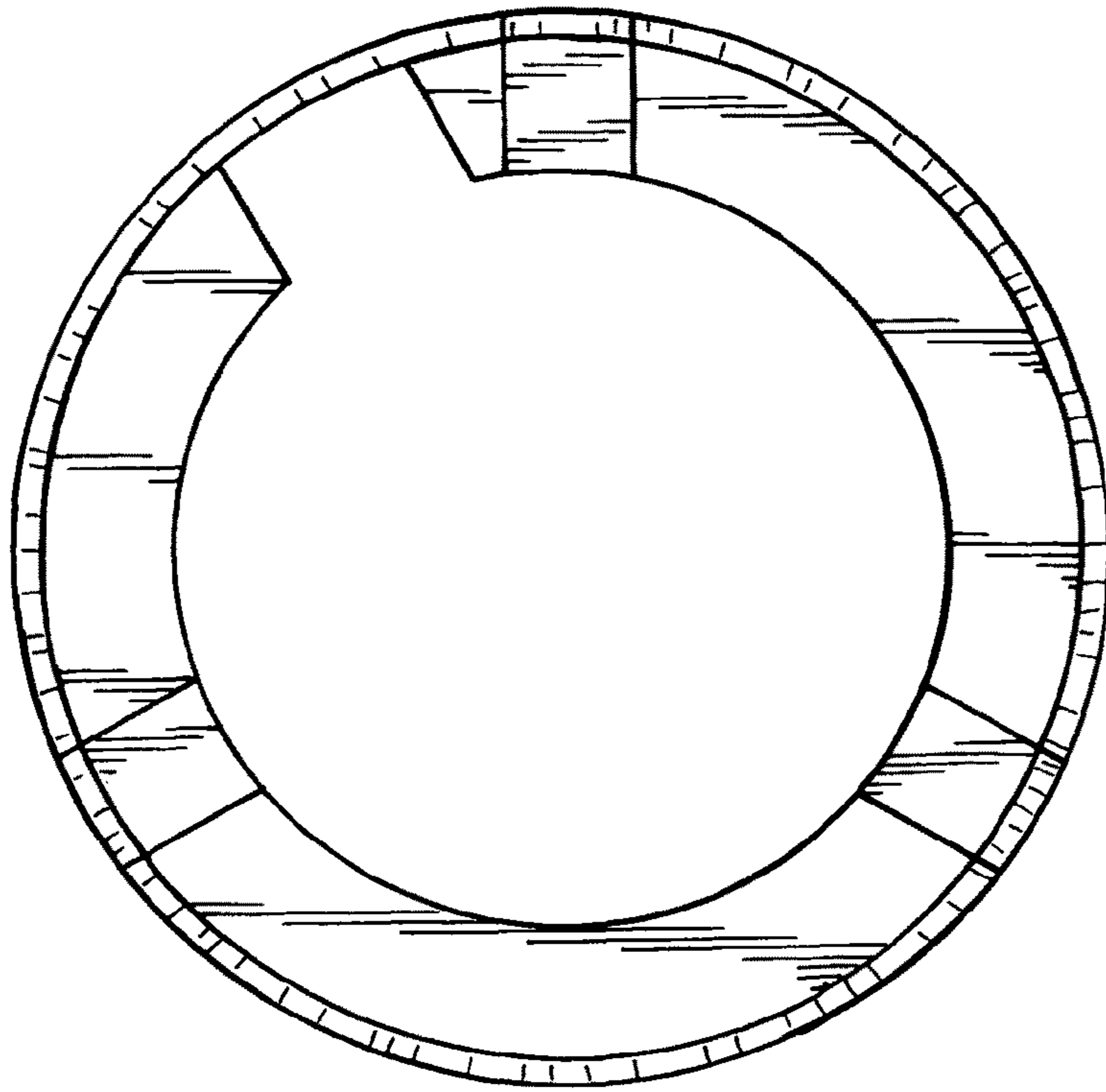


FIG.2

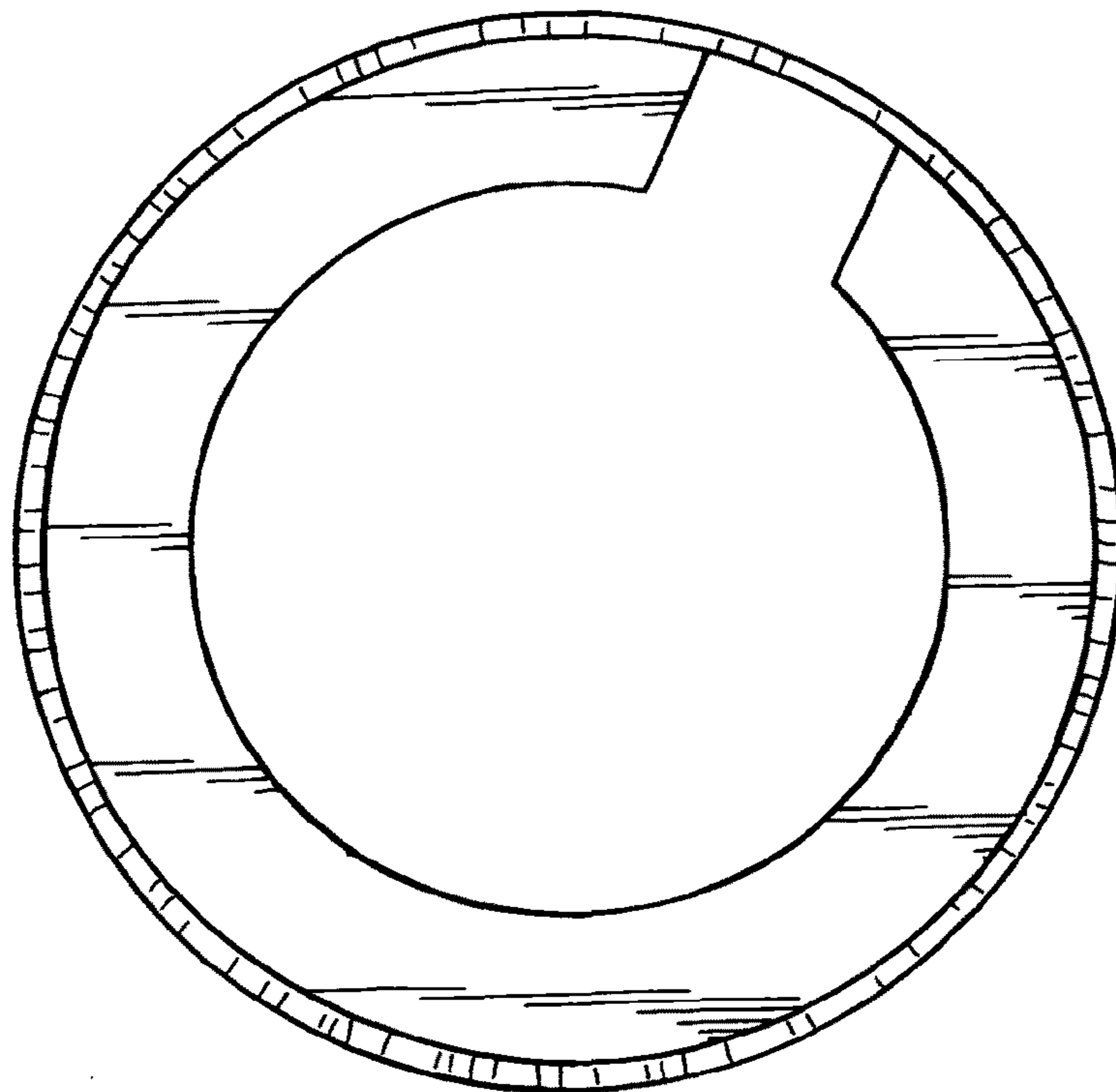


FIG.3

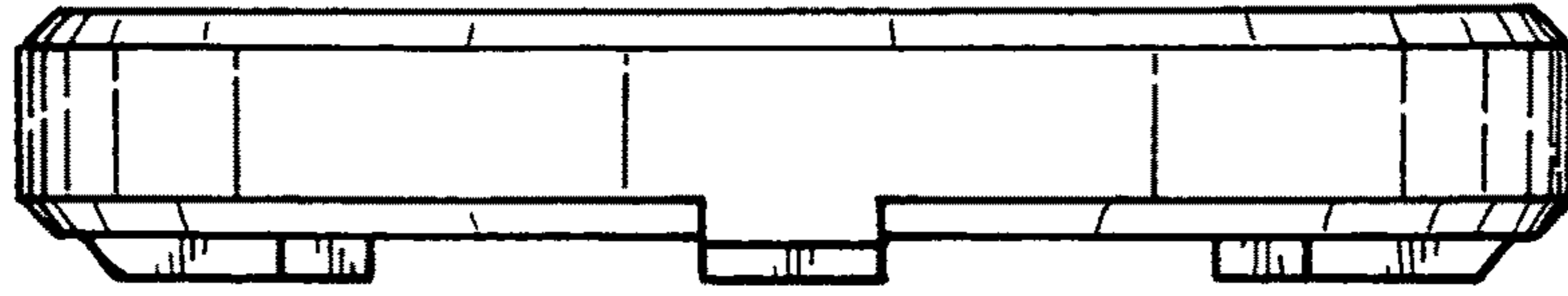


FIG. 4

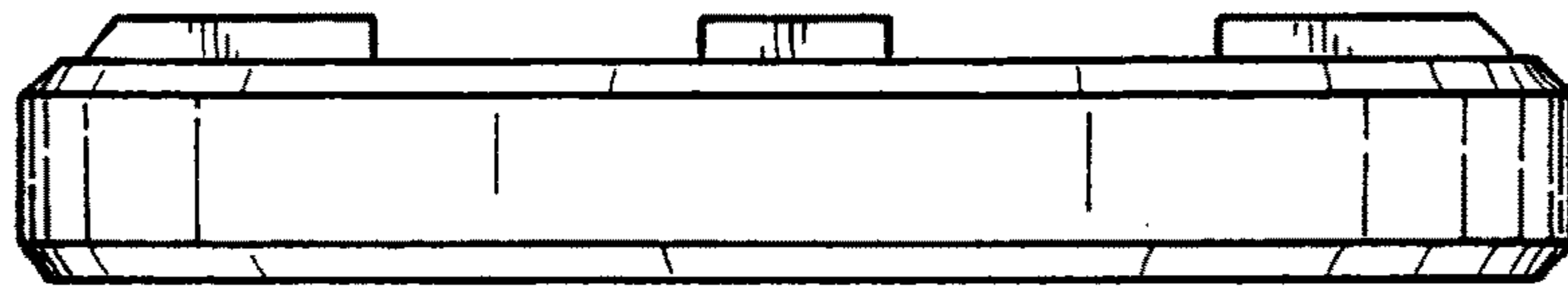


FIG. 5

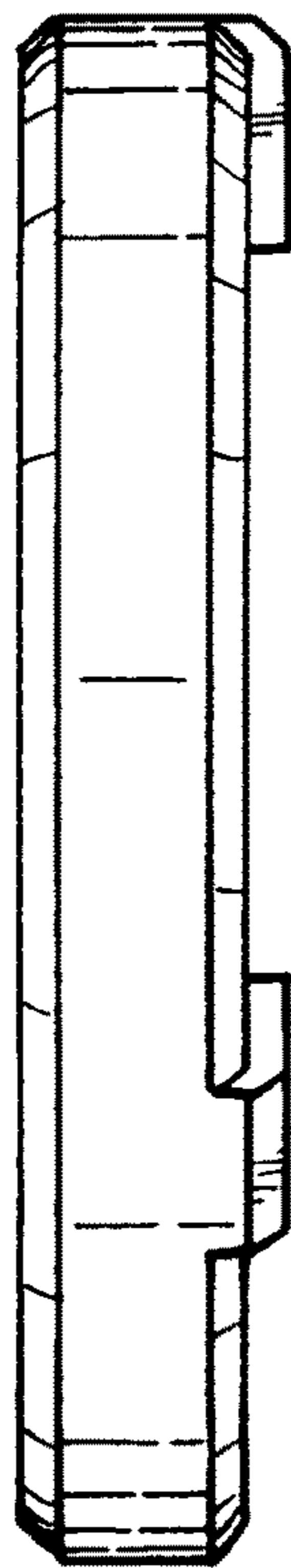


FIG. 6

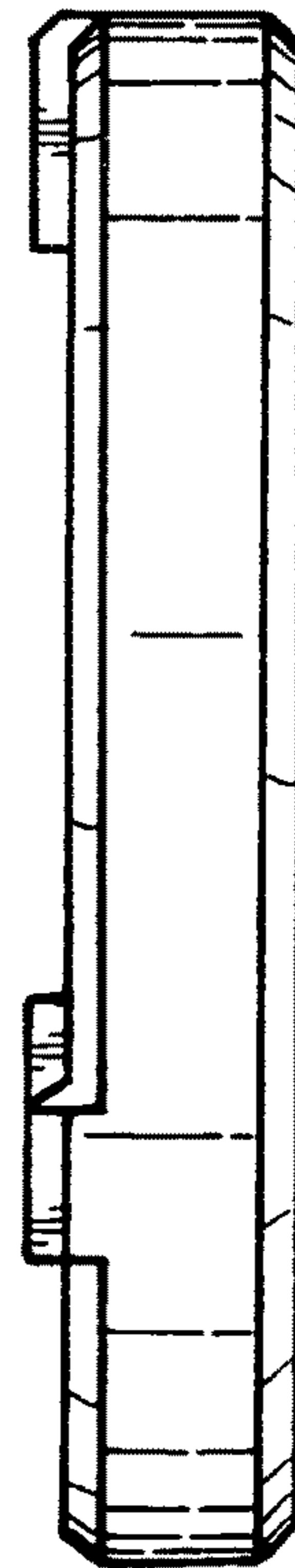


FIG. 7