



US00D829347S

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

(10) **Patent No.:** **US D829,347 S**

(45) **Date of Patent:** **** Sep. 25, 2018**

(54) **BUFFERING MECHANISM FOR AN EXTENSION LADDER**

D315,177 S * 3/1991 Takahashi D17/3
D332,667 S * 1/1993 Brooks D25/68
8,291,810 B2 * 10/2012 Hey F16J 3/046

(71) Applicant: **Easytec Corporation**, Dongguan (CN)

2014/0284140 A1 * 9/2014 Omri E06C 1/12
182/22

(72) Inventor: **Yelin Yin**, Dongguan (CN)

* cited by examiner

(73) Assignee: **EASYTEC CORPORATION**, Dongguan (CN)

Primary Examiner — Cynthia Ramirez

Assistant Examiner — Gino Colan

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

(74) *Attorney, Agent, or Firm* — Ming Chow; Sinorica, LLC

(21) Appl. No.: **29/565,466**

(22) Filed: **May 20, 2016**

(57) **CLAIM**

(51) **LOC (11) Cl.** **25-04**

The ornamental design for a buffering mechanism for an extension ladder, as shown and described.

(52) **U.S. Cl.**

USPC **D25/68**

(58) **Field of Classification Search**

USPC D25/62–65, 68, 69; D8/70; 182/22, 120, 182/82; D12/159, 118, 111; 74/18.2; 29/24.5; 92/87

CPC E06C 7/50; E06C 1/10; E06C 7/42; E06C 7/183

See application file for complete search history.

DESCRIPTION

FIG. 1 is a perspective view of a buffering mechanism for an extension ladder showing my new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is left side elevation view thereof; FIG. 5 is right side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

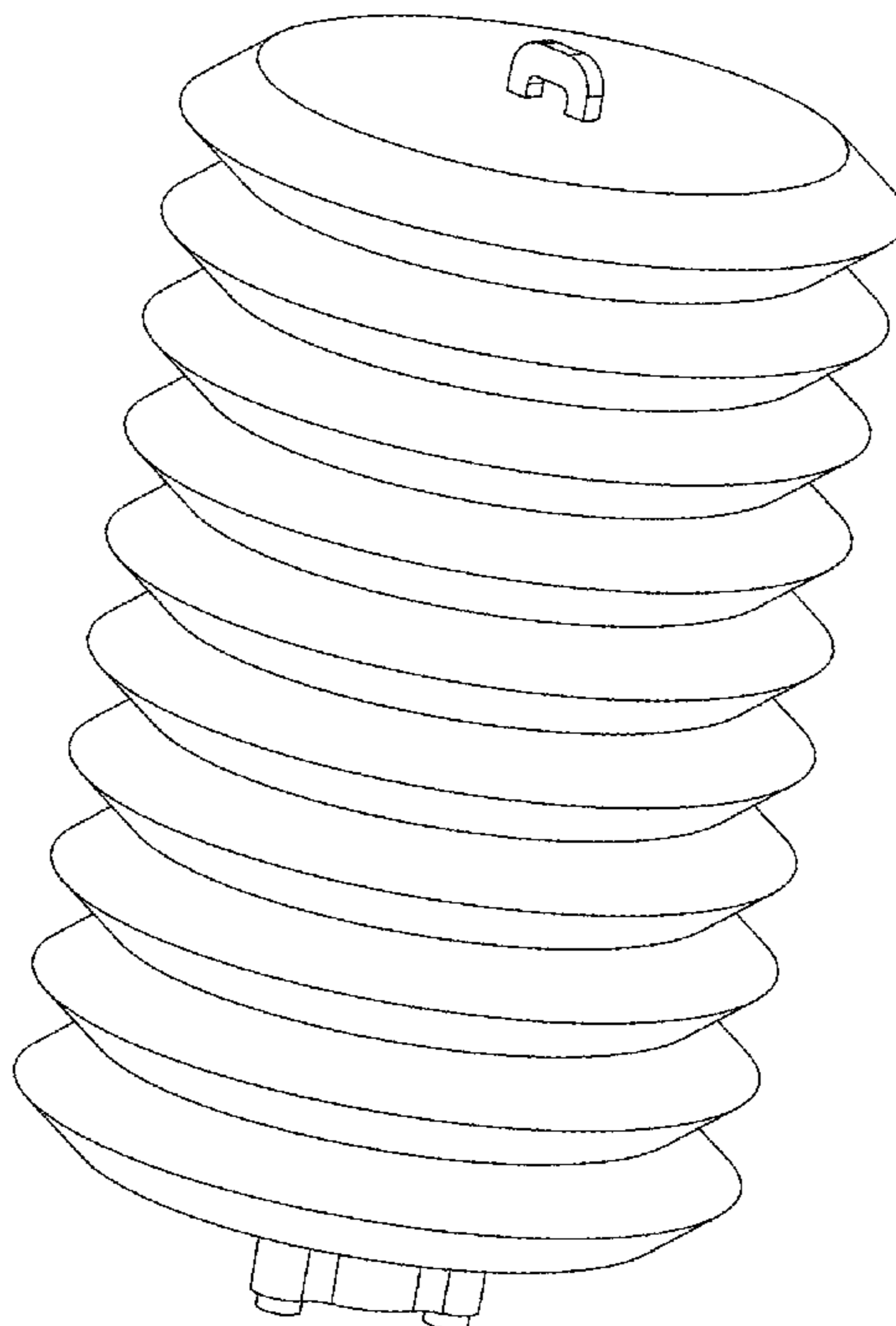
The broken lines shown in the figures are for the purpose of illustrating portions of the buffering mechanism for an extension ladder and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,369,411 A * 2/1968 Hines F16J 15/52
74/18.2
4,058,018 A * 11/1977 Lauper F16J 3/041
74/18.2

1 Claim, 7 Drawing Sheets



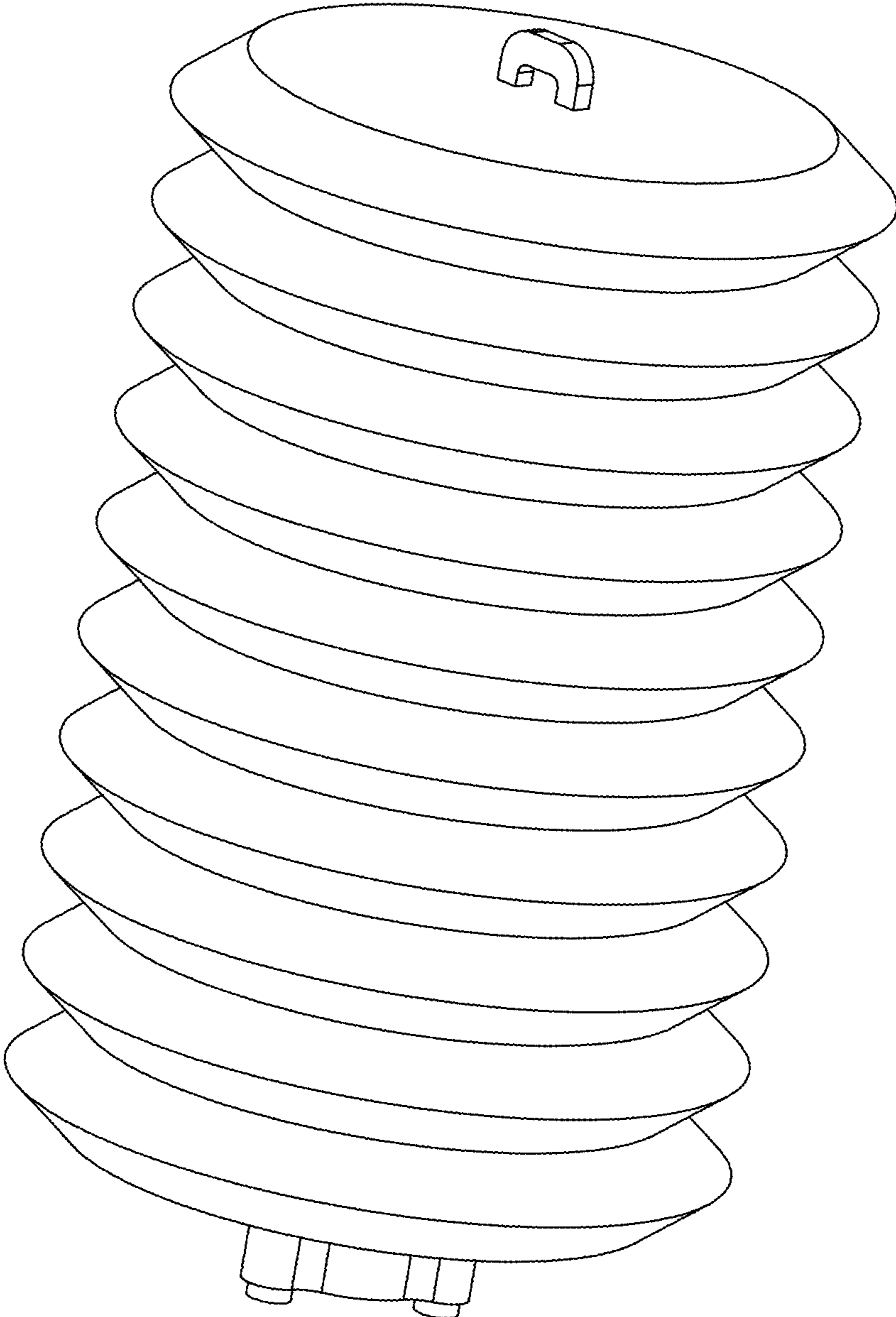


FIG.1

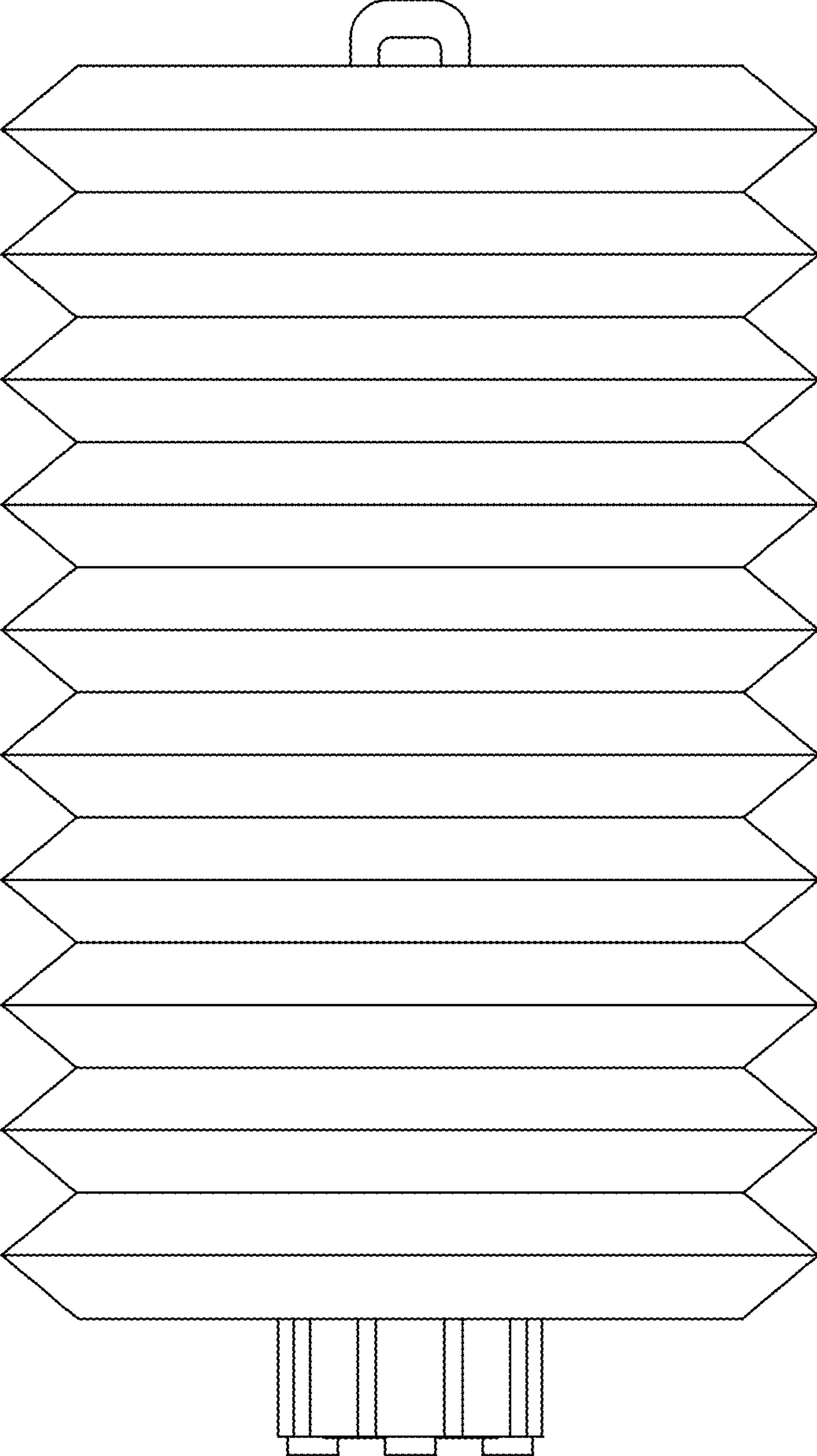


FIG.2

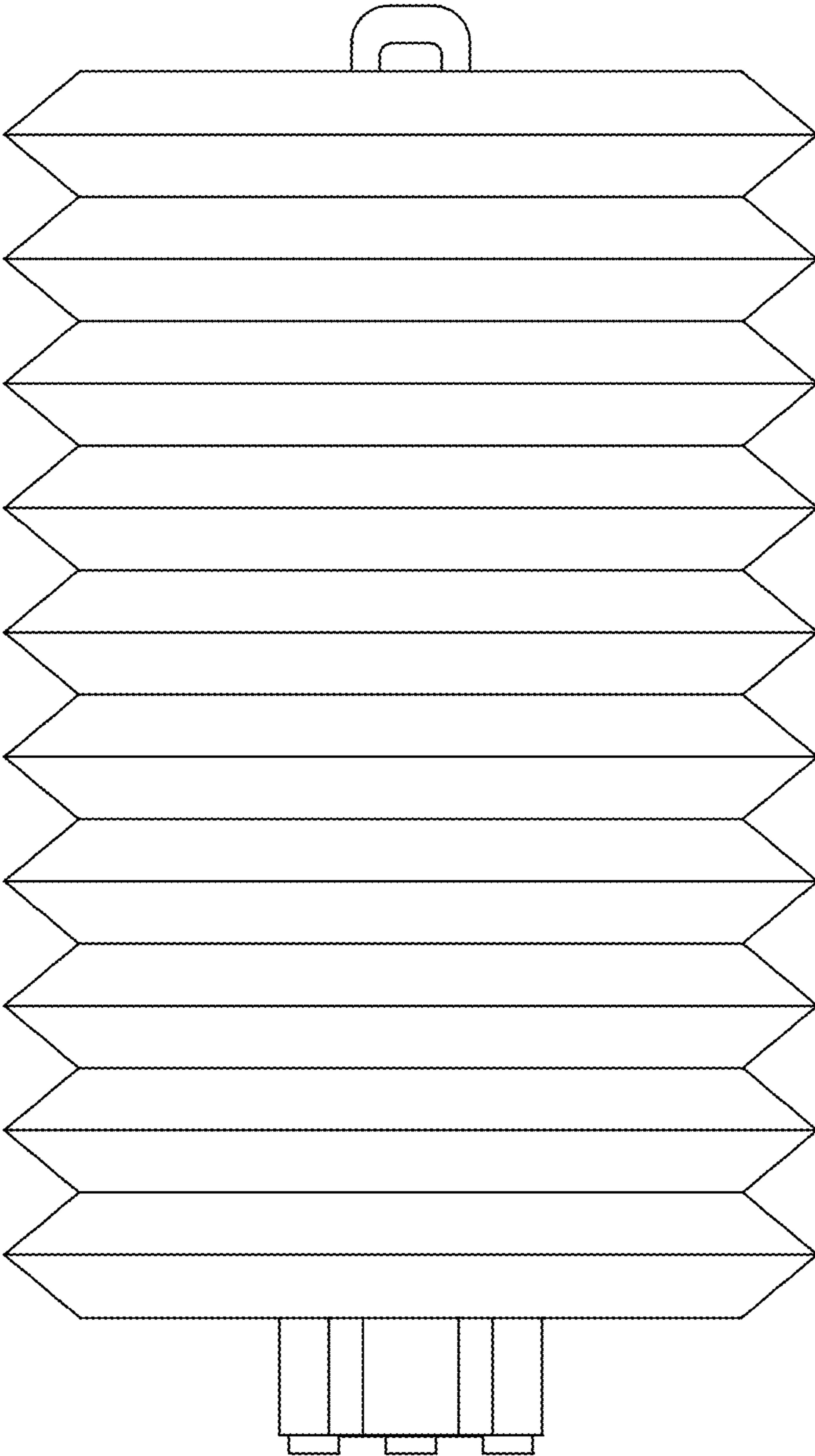


FIG.3

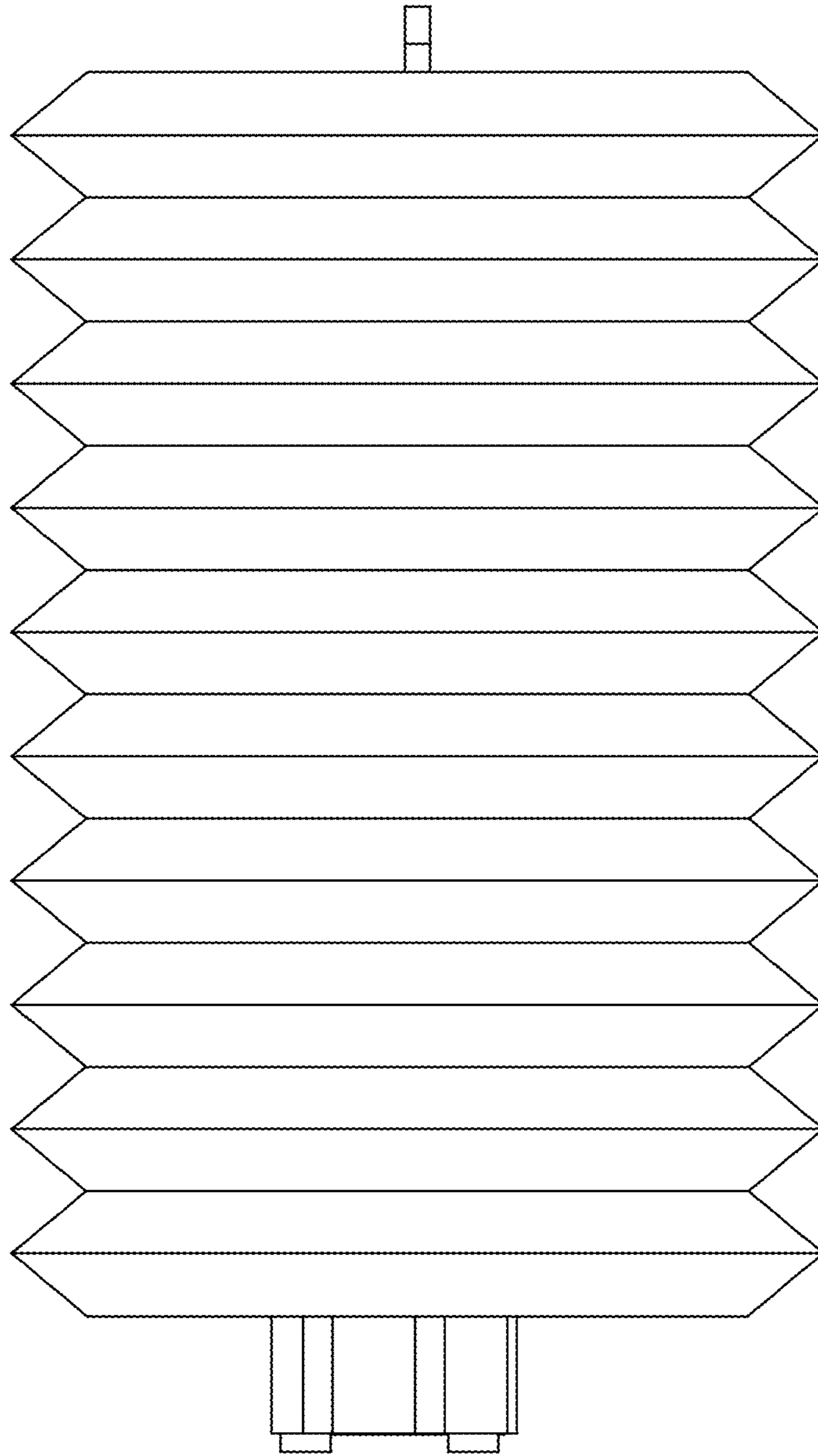


FIG.4

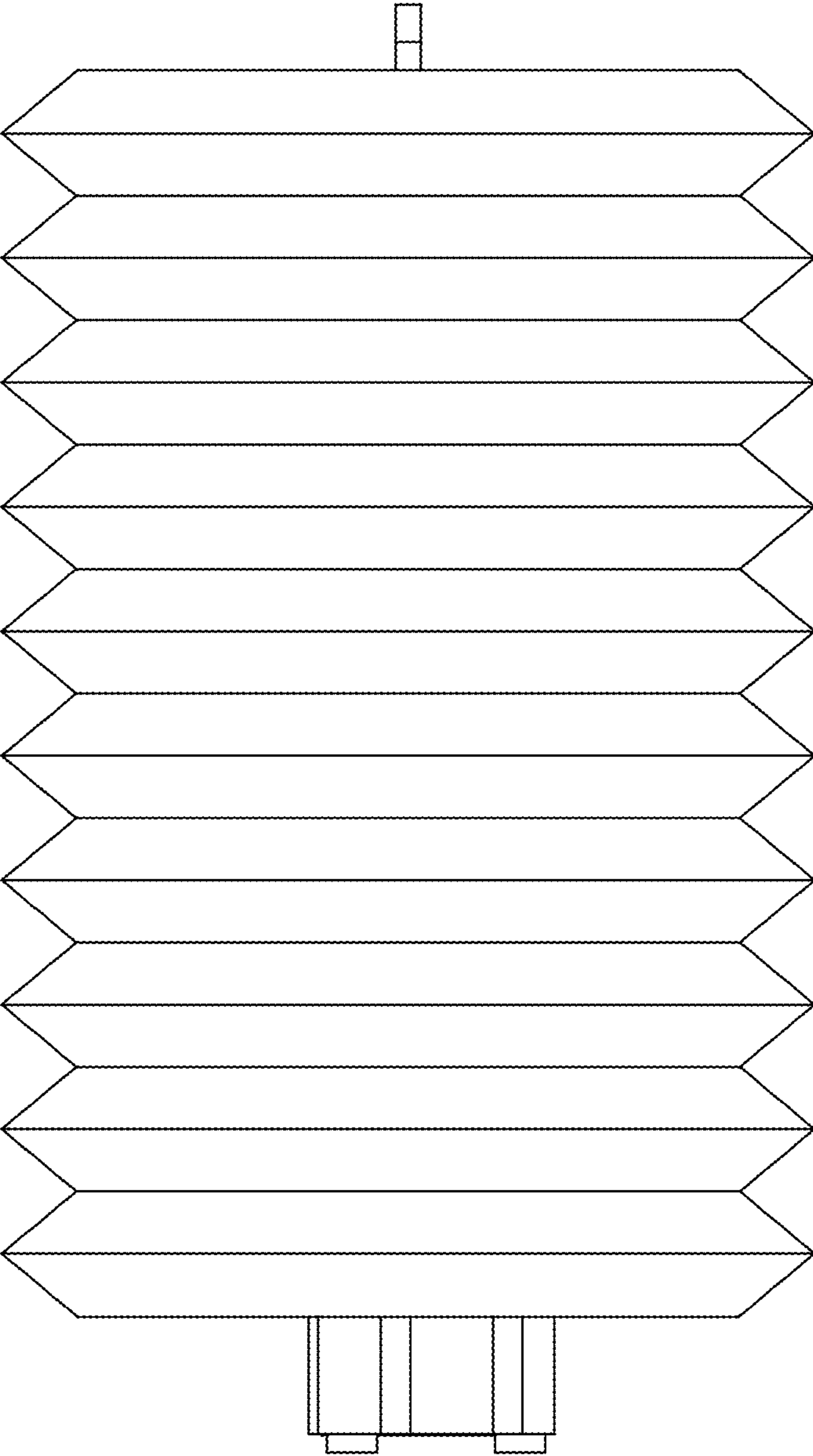


FIG.5

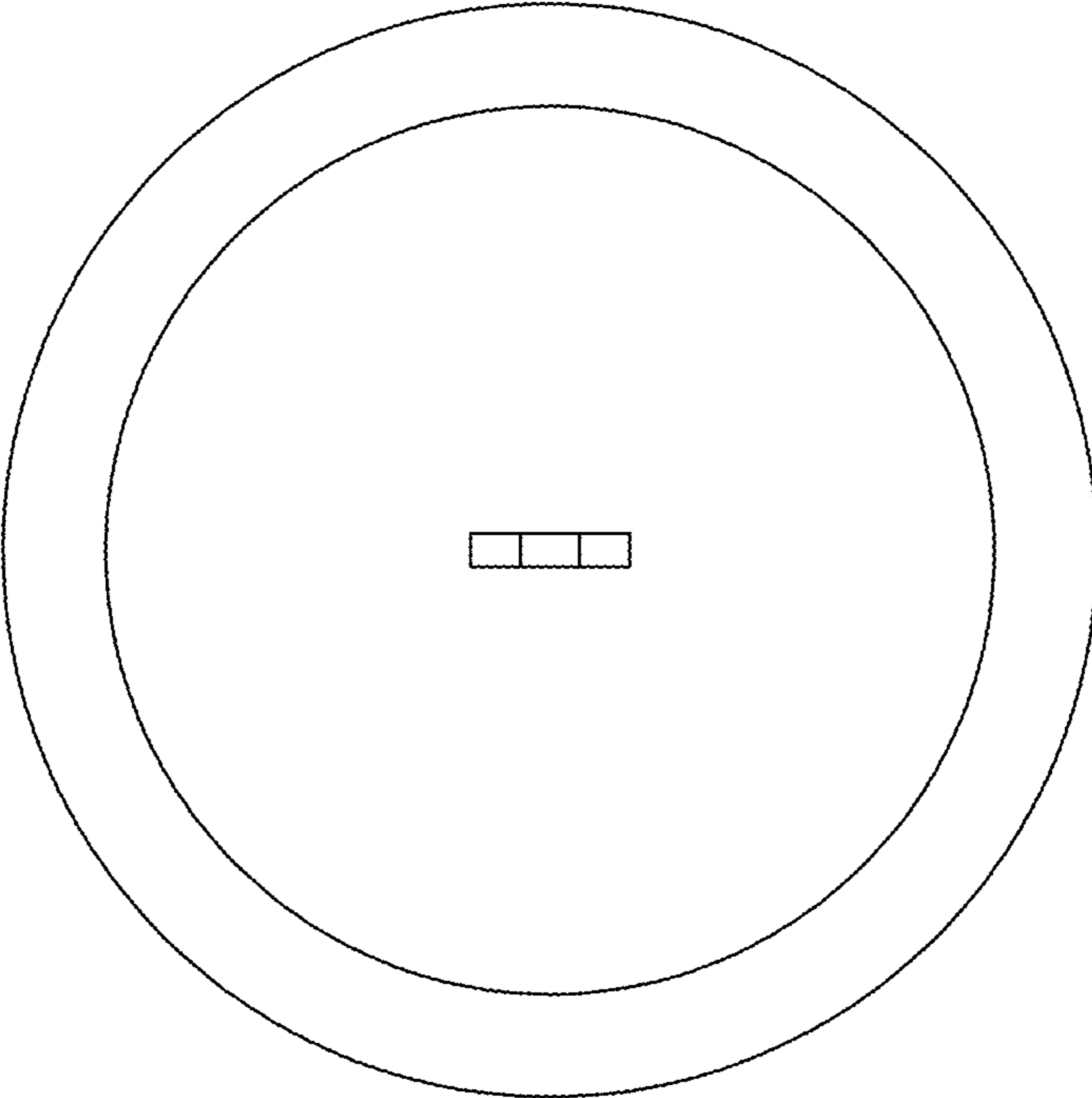


FIG.6

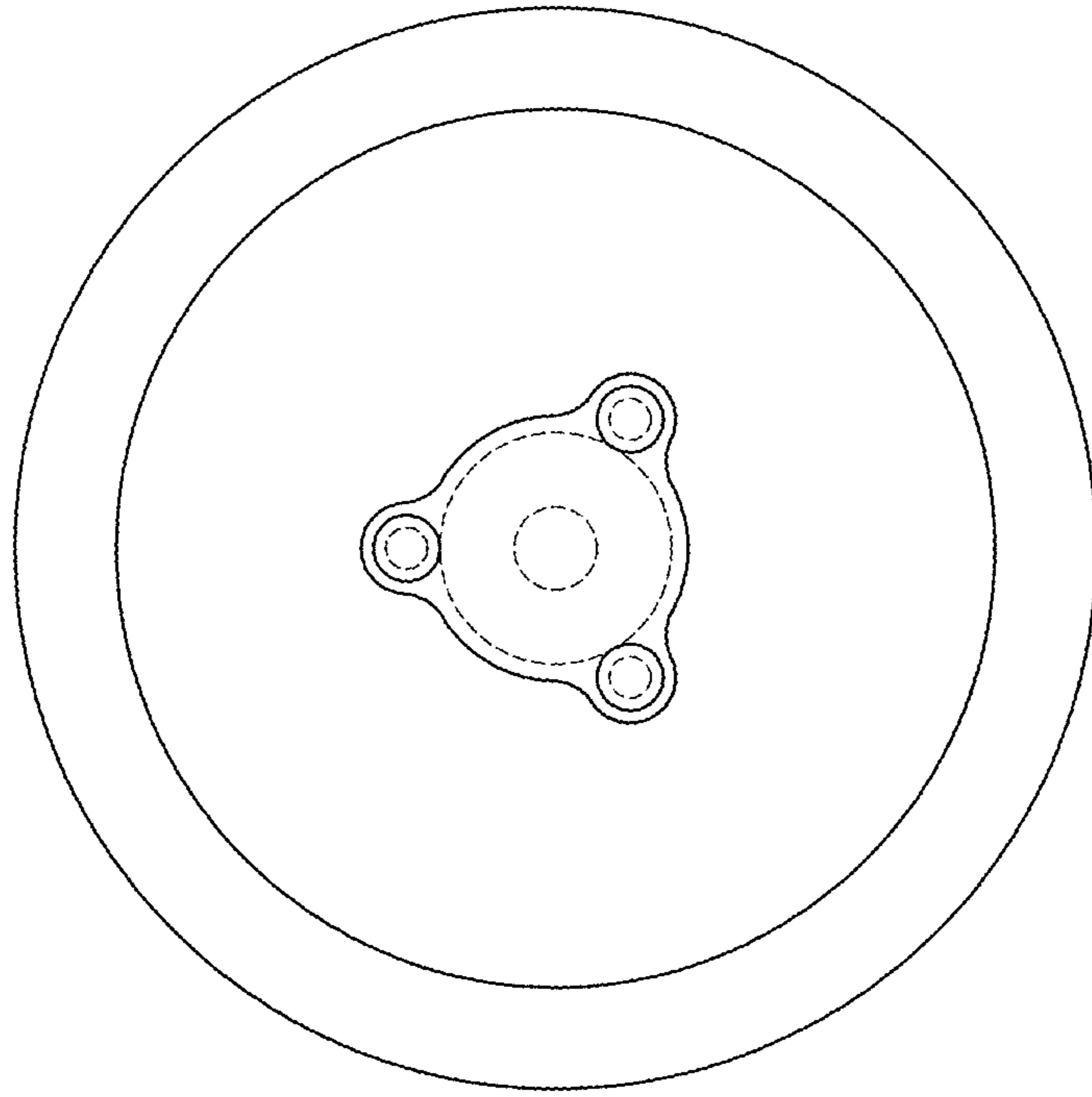


FIG.7