



US00D845183S

(12) **United States Design Patent** (10) **Patent No.:** **US D845,183 S**
Inoue et al. (45) **Date of Patent:** **** Apr. 9, 2019**

(54) **HUB UNIT BEARING**
(71) Applicant: **JTEKT CORPORATION**, Osaka-shi,
Osaka (JP)
(72) Inventors: **Yuya Inoue**, Nagaokakyo (JP);
Teruyuki Wakisaka, Nagoya (JP);
Takaaki Onizuka, Kashiwara (JP);
Takuya Toda, Kashiwara (JP)

(73) Assignee: **JTEKT CORPORATION**, Osaka-shi
(JP)

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

(21) Appl. No.: **29/643,752**

(22) Filed: **Apr. 11, 2018**

(30) **Foreign Application Priority Data**

Oct. 12, 2017 (JP) 2017-022600

(51) **LOC (11) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/160**

(58) **Field of Classification Search**
USPC D12/159-161, 177, 213, 400; D9/439,
D9/445; D8/396
CPC .. F16C 33/7823; F16C 2326/02; F16C 19/18;
B62D 7/18
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,505,525 A * 4/1996 Denton B60B 7/00
301/108.2
6,158,124 A * 12/2000 Austin B23B 5/04
188/18 R
D719,493 S * 12/2014 Mochinaga D12/160
D747,245 S * 1/2016 Nosworthy B23B 5/04
D12/180

D817,821 S * 5/2018 Baba B60B 7/00
D12/160
2006/0117903 A1* 6/2006 Kobayashi B21K 1/40
74/537
2006/0133708 A1* 6/2006 Meeker B60B 27/00
384/544
2012/0292981 A1* 11/2012 Wang F16C 19/186
301/109
2015/0108826 A1* 4/2015 Nervo B60B 27/00
301/105.1

(Continued)

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/605,138, filed May 24, 2017 in the name
of Yuya Inoue et al.

(Continued)

Primary Examiner — Sheryl Lane
Assistant Examiner — Calvin E Vansant
(74) *Attorney, Agent, or Firm* — Oliff PLC

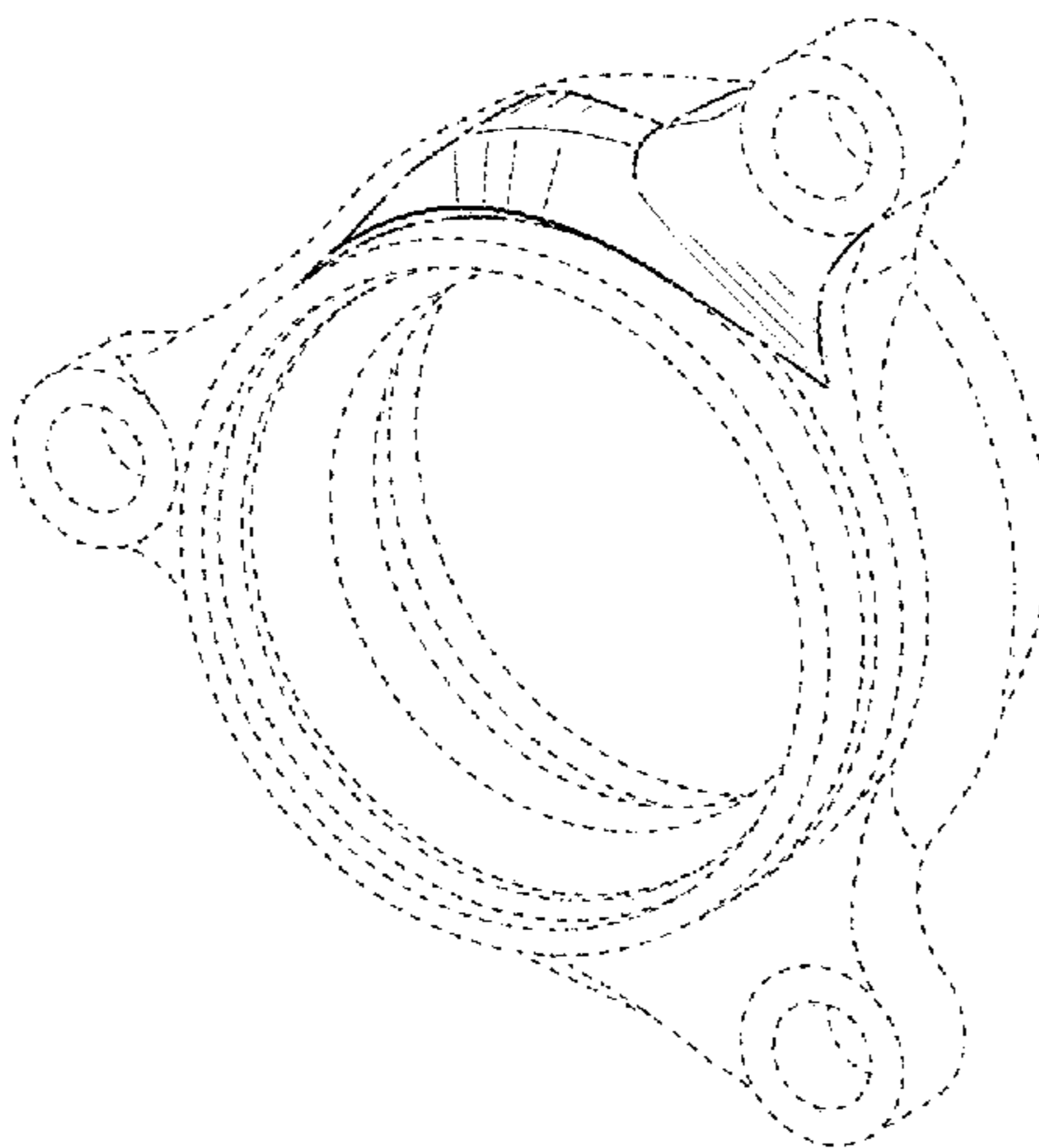
(57) **CLAIM**

The ornamental design for a hub unit bearing, as shown and
described.

DESCRIPTION

FIG. 1 is a front view of a hub unit bearing showing my new
design;
FIG. 2 is a rear view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a top view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is a referential exploded view thereof; and,
FIG. 8 is a referential perspective view of a part thereof.
In the drawings, the dashed broken lines depict portions of
the hub unit bearing that form no part of the claim. The
dot-dash broken lines represent the boundary of the claimed
design and form no part of the claim.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2015/0283981 A1* 10/2015 Bonner F16C 33/6622
29/898.1

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/605,134, filed May 24, 2017 in the name
of Yuya Inoue et al.

* cited by examiner

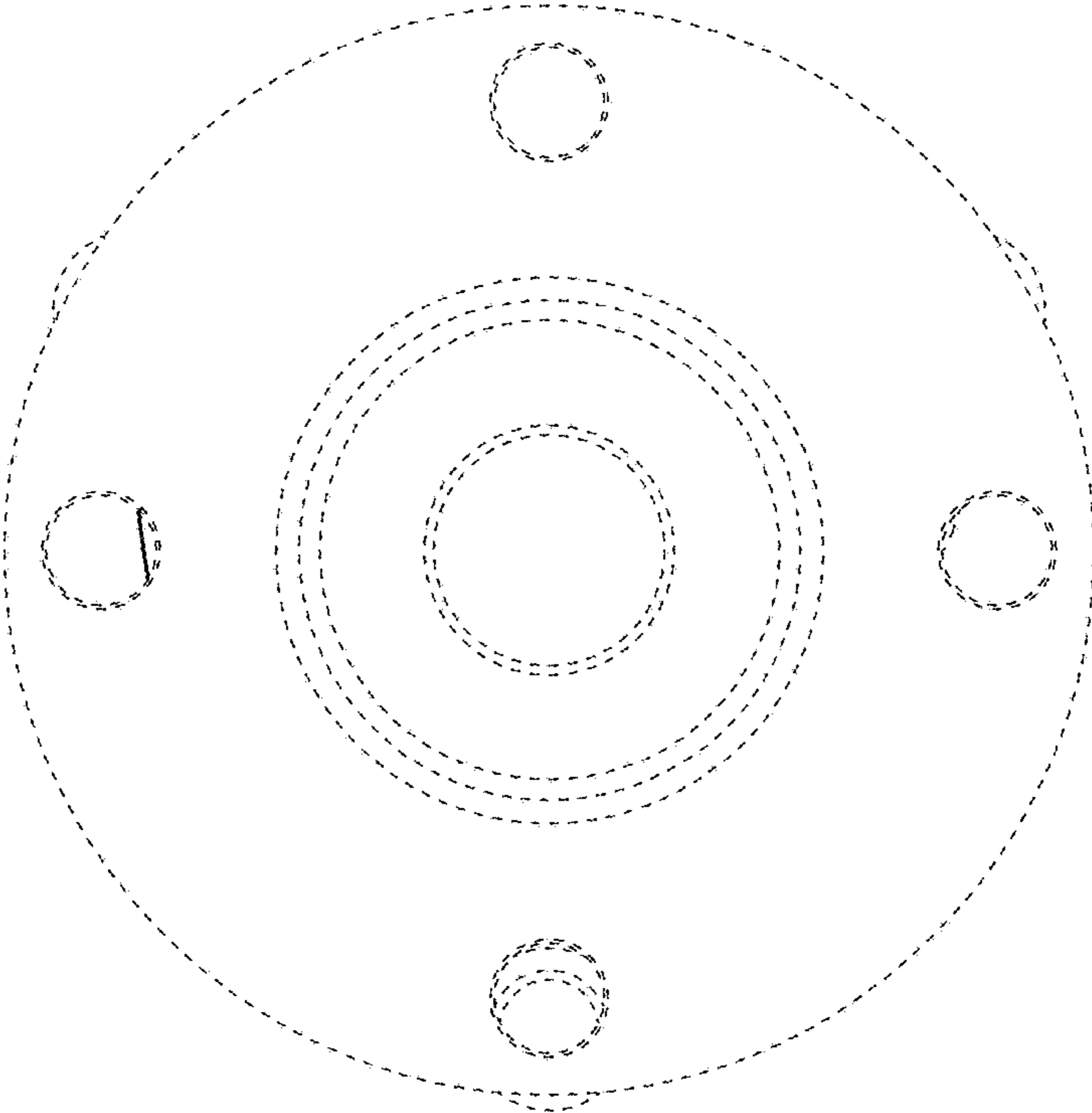


FIG. 1

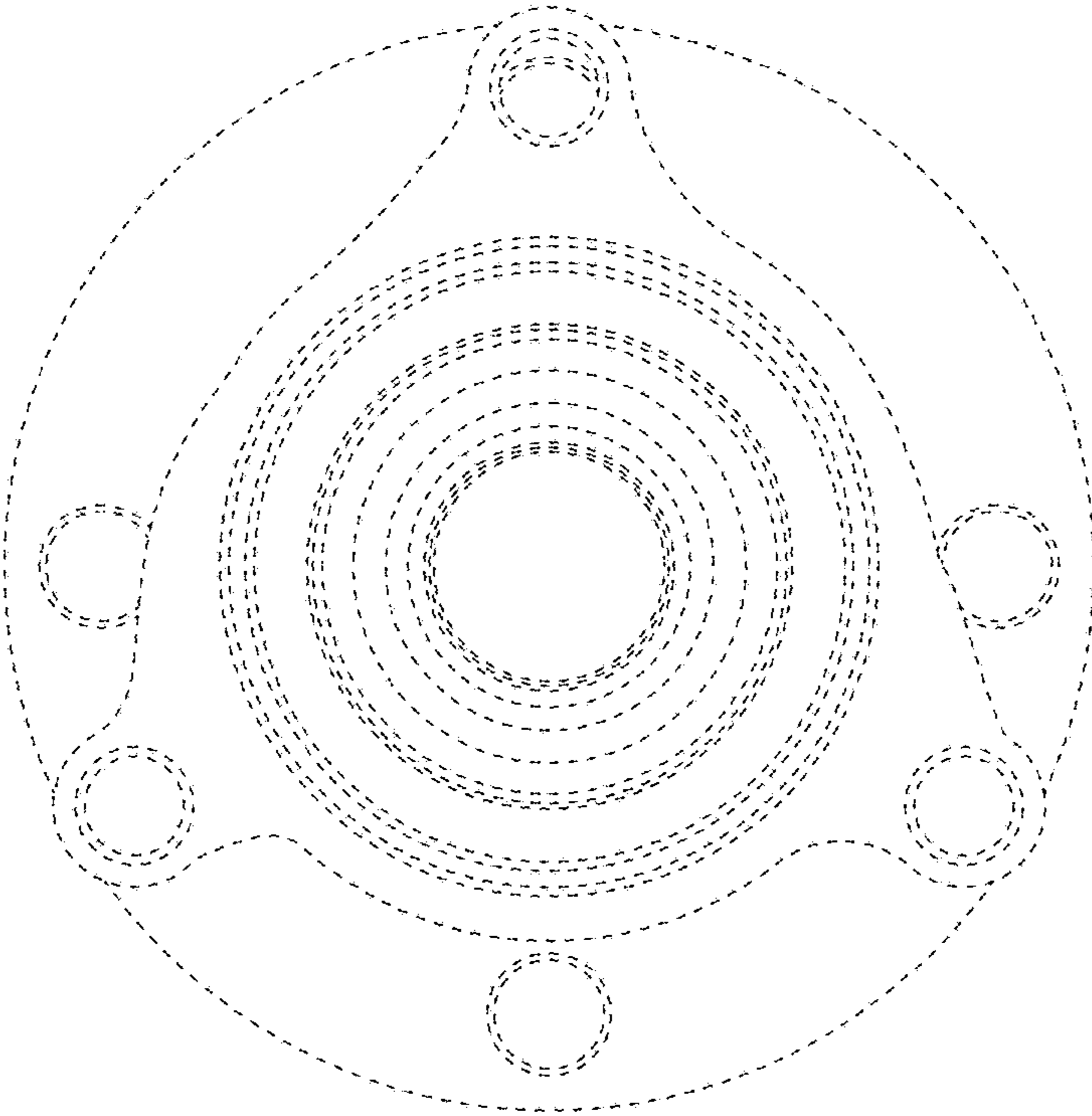


FIG. 2

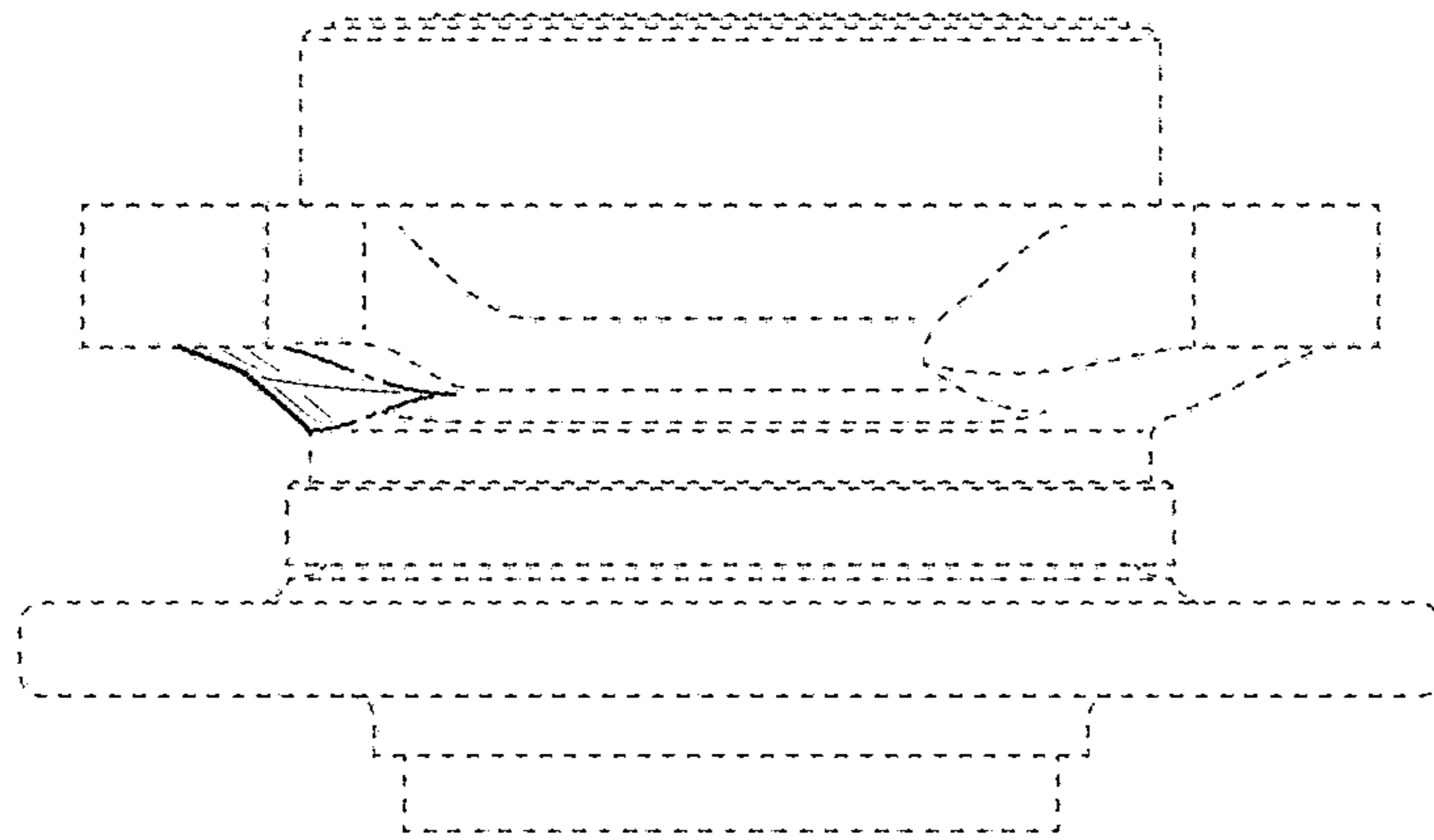


FIG. 4

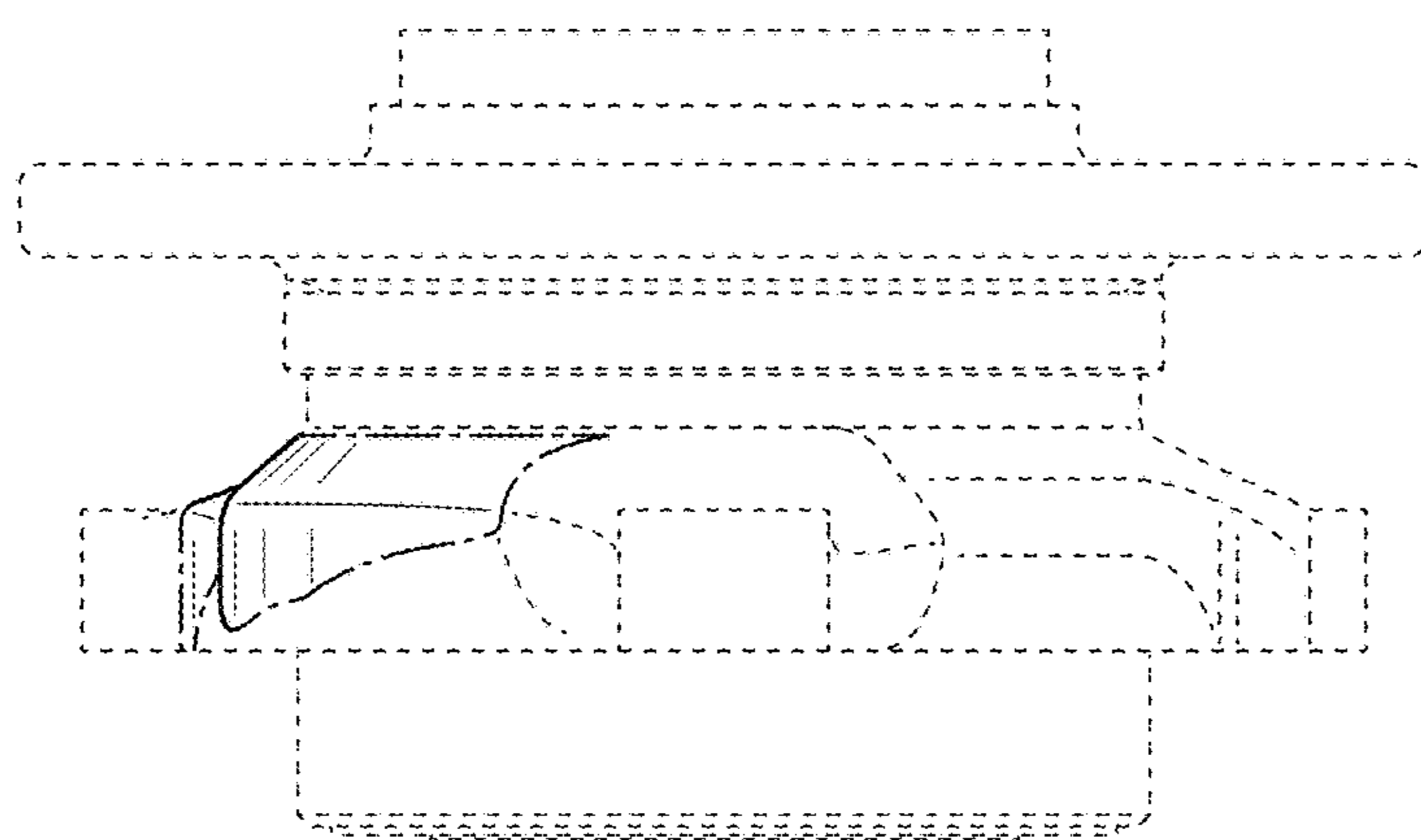


FIG. 3

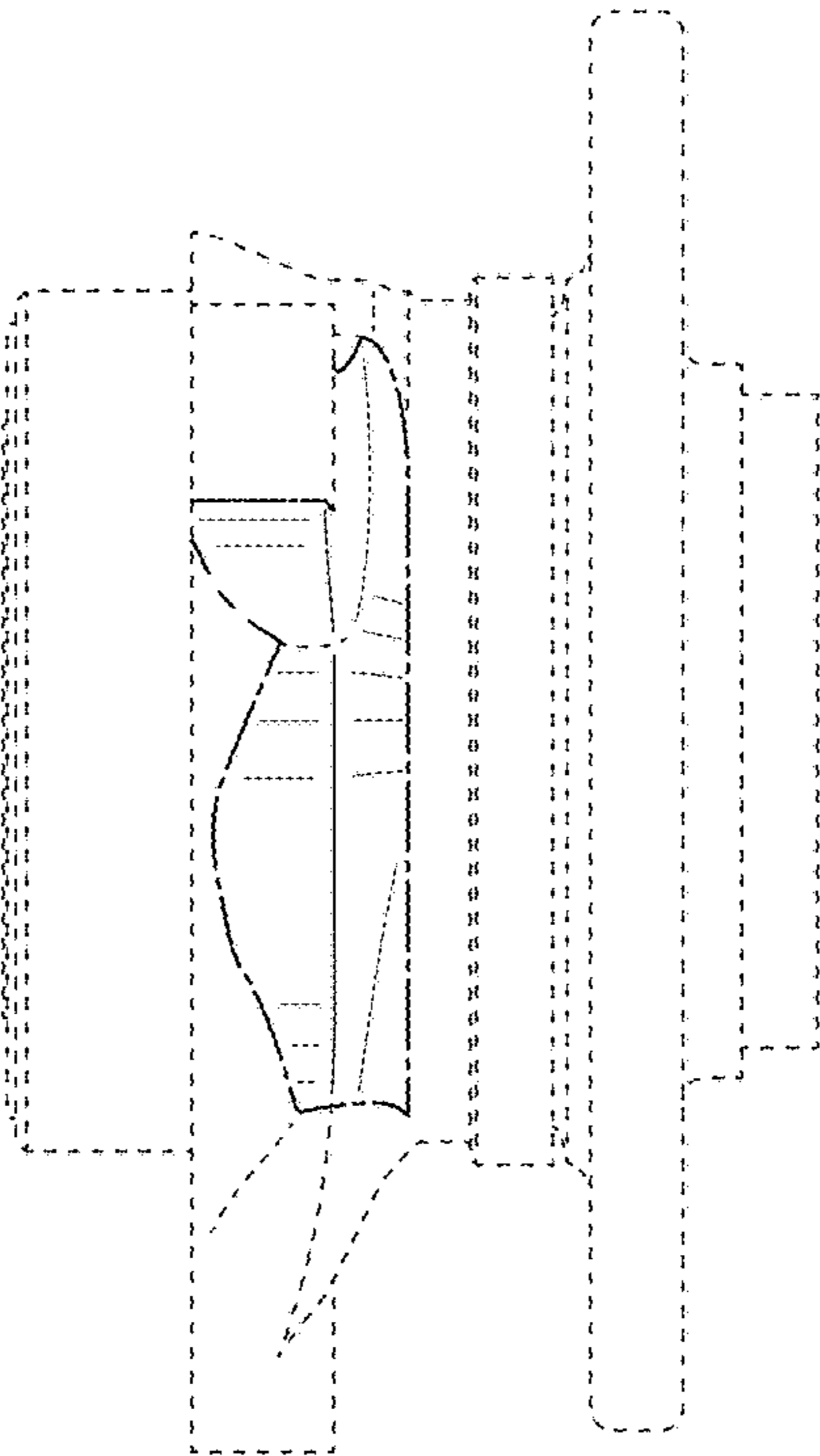


FIG. 5

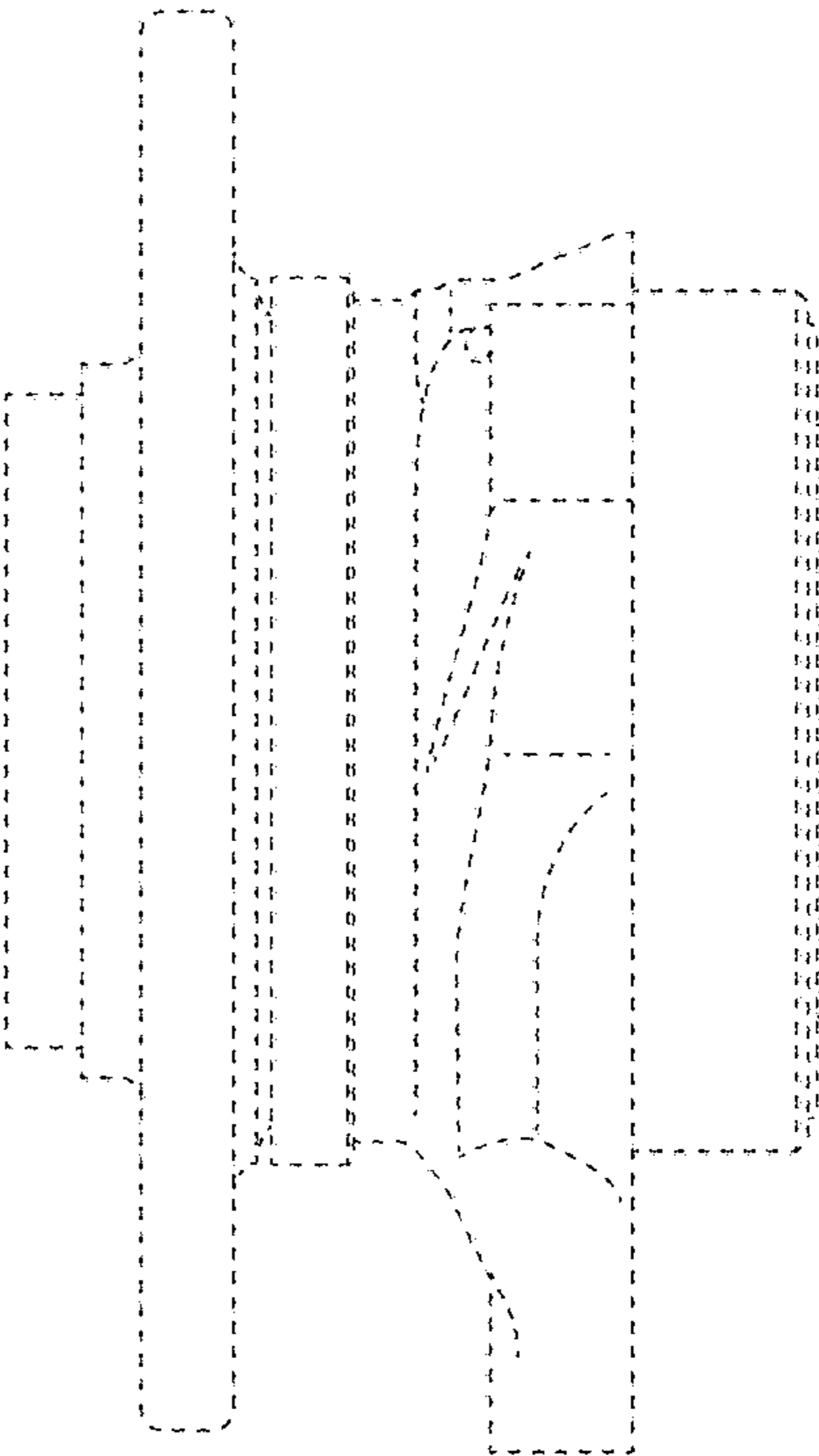


FIG. 6

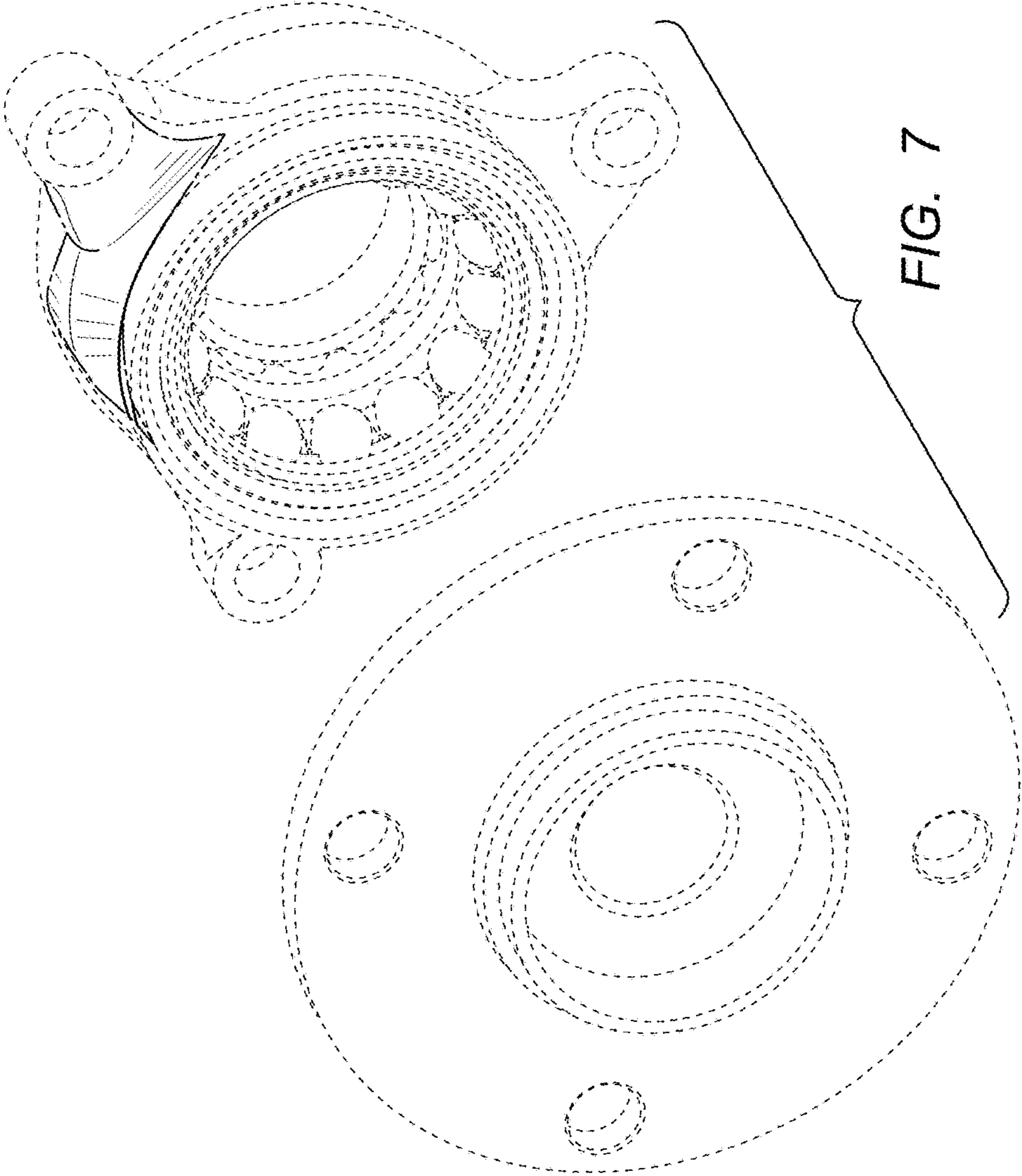


FIG. 7

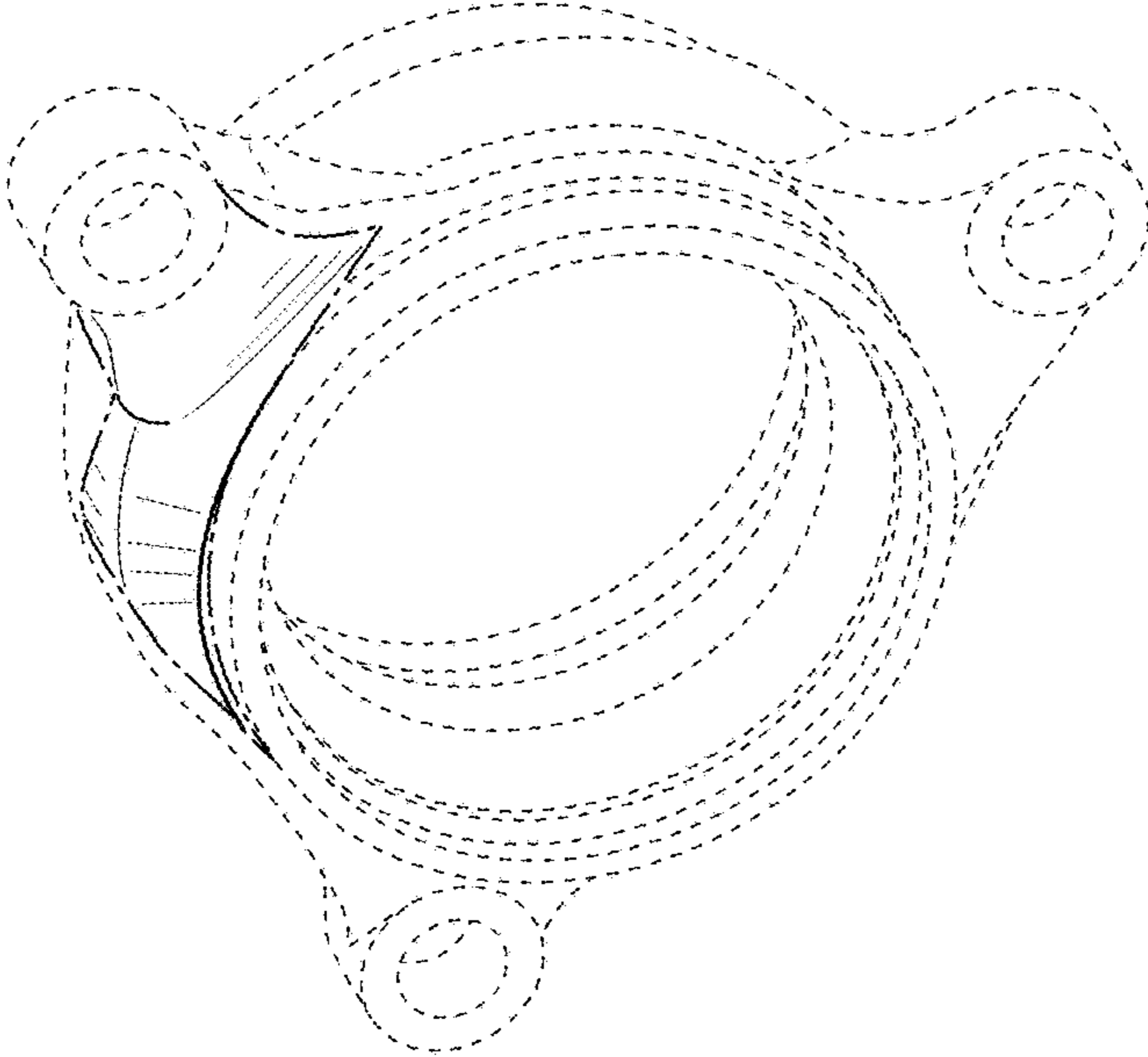


FIG. 8