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(12) **United States Design Patent** (10) **Patent No.:** **US D789,779 S**
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(54) **CORRUGATED TUBE CLAMP**

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

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Related U.S. Application Data

(63) Continuation of application No. 14/092,516, filed on Nov. 27, 2013, now abandoned.

(30) **Foreign Application Priority Data**

Nov. 30, 2012 (JP) 2012-261938

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

(52) **U.S. Cl.**
USPC **D8/396**

(58) **Field of Classification Search**

USPC D8/382, 394-396, 71-74, 354-355, 380
CPC F16B 2/10; B64D 37/005; B46D 47/00;
F16L 3/237; A43D 79/00; A41B 3/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,650,948 A 9/1953 Findlay
D176,976 S * 2/1956 Crook D25/68
D562,677 S * 2/2008 Farber D8/380
D577,423 S * 9/2008 Dole D23/265
D584,604 S * 1/2009 Baldwin D8/396

8,020,812 B2 9/2011 Matsuno et al.
8,241,093 B2 * 8/2012 Piguet B24B 3/247
269/243
D672,229 S * 12/2012 Reid D8/396
(Continued)

FOREIGN PATENT DOCUMENTS

CN 3495030 * 12/2005
CN 101813111 A 8/2010
(Continued)

OTHER PUBLICATIONS

Essentra Components—Metal Edge Mounting Clip, website 2014, <http://www.essentracomponents.co.za/mss/mss-pc.nsf/WebEngine?OpenAgent&cmd=category&category=MVED-9L2C2T-90063&catalog=MEX-EN>, site visited Dec. 15, 2016.*

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(57) **CLAIM**

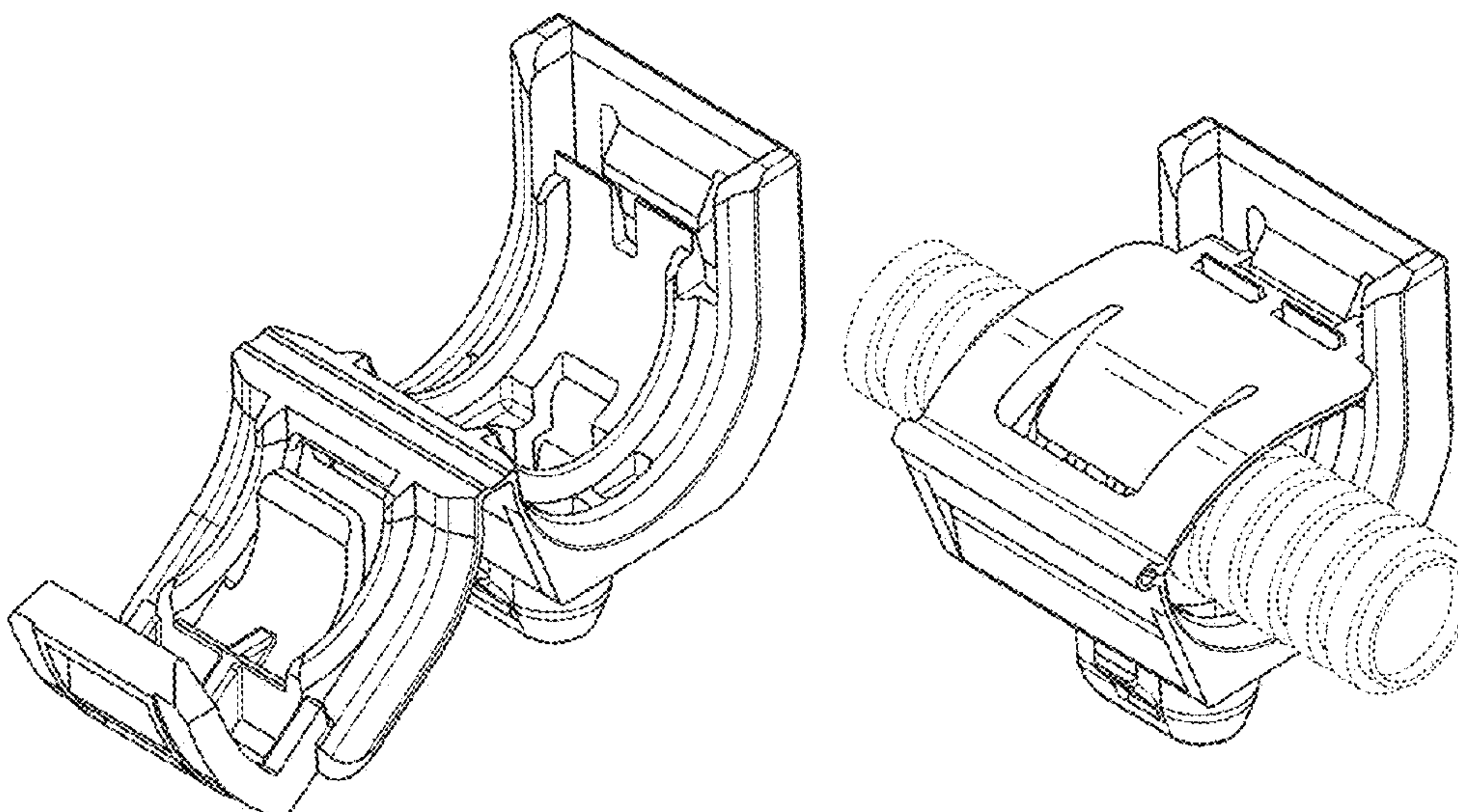
I claim the ornamental design for a corrugated tube clamp, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view in an opened position showing our new design;
FIG. 2 is a perspective view in a clamped position thereof;
FIG. 3 is a top plan view in a clamped position (3) thereof;
FIG. 4 is a sectional view of the clamp of FIG. 6 in a clamped position (1);
FIG. 5 is a sectional view of the clamp of FIG. 6 in a clamped position (2); and,
FIG. 6 is a sectional view in a clamped position (3) thereof, taken at line 6-6 of FIG. 3.

The broken lines shown in the drawings represent unclaimed portions of the corrugated tube clamp and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D708,053 S * 7/2014 Marini D24/127
D711,731 S * 8/2014 Sugiura D17/22
D735,025 S * 7/2015 Mathien D8/396
9,127,740 B2 * 9/2015 Shinoda F16F 7/12
9,200,863 B2 * 12/2015 Bednar F41B 5/12
2003/0230678 A1 * 12/2003 Bellmore F16L 3/1203
248/68.1
2010/0148015 A1 6/2010 Matsuno et al.
2013/0193289 A1 * 8/2013 Goffman B62J 11/00
248/231.51
2015/0304487 A1 * 10/2015 Chaput F16B 2/10
248/550
2016/0178090 A1 * 6/2016 Schilling F16L 3/237
248/68.1
2016/0278589 A1 * 9/2016 Reed A47K 17/022

FOREIGN PATENT DOCUMENTS

CN 303223493 * 5/2015
EP 1596483 A1 11/2005
FR 2629893 A1 10/1989
JP 2007143309 A 6/2007
JP 2008283767 A 11/2008
JP 2012085464 A 4/2012
KR 300825369-0000 * 11/2015

* cited by examiner

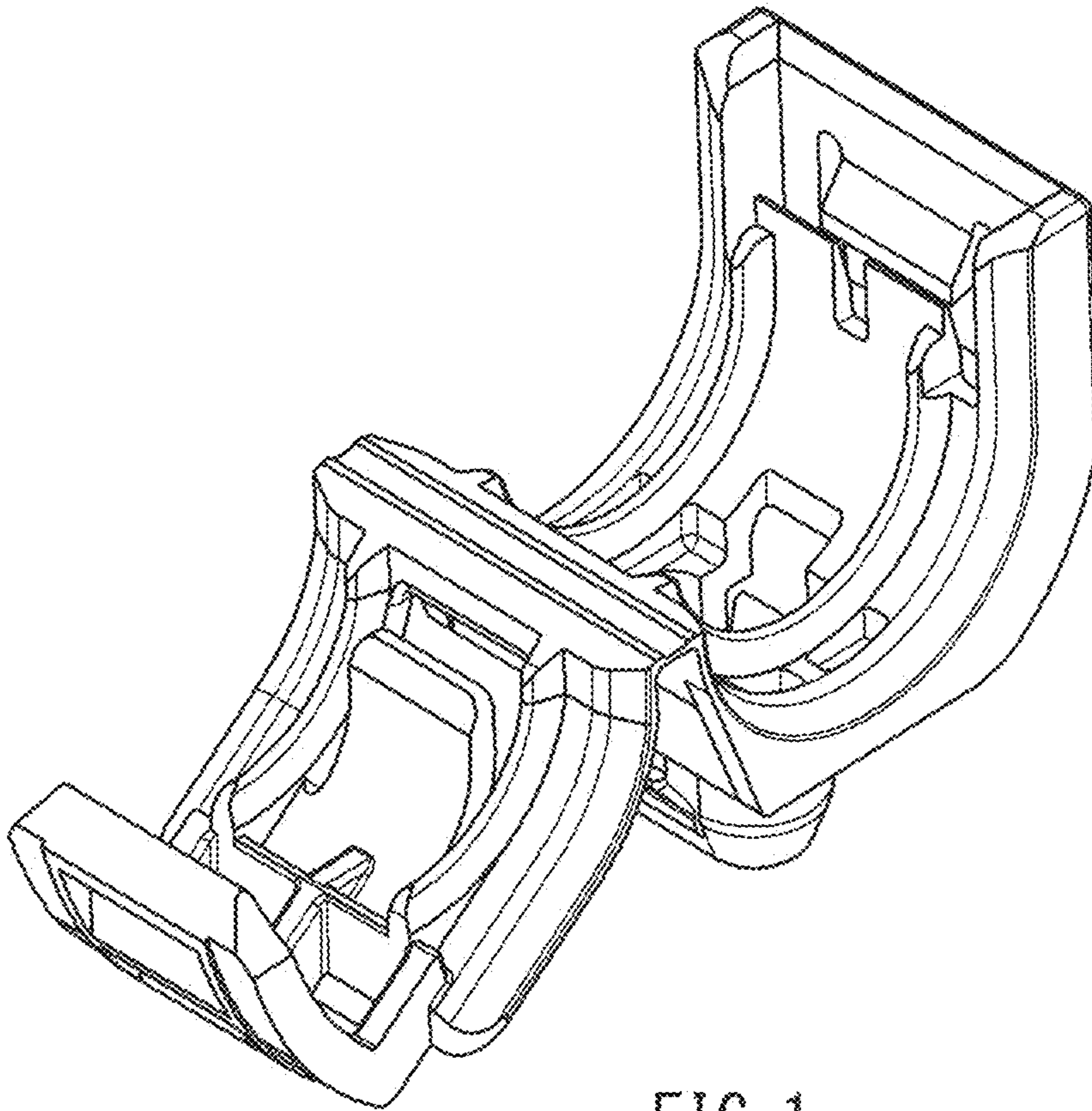


FIG. 1

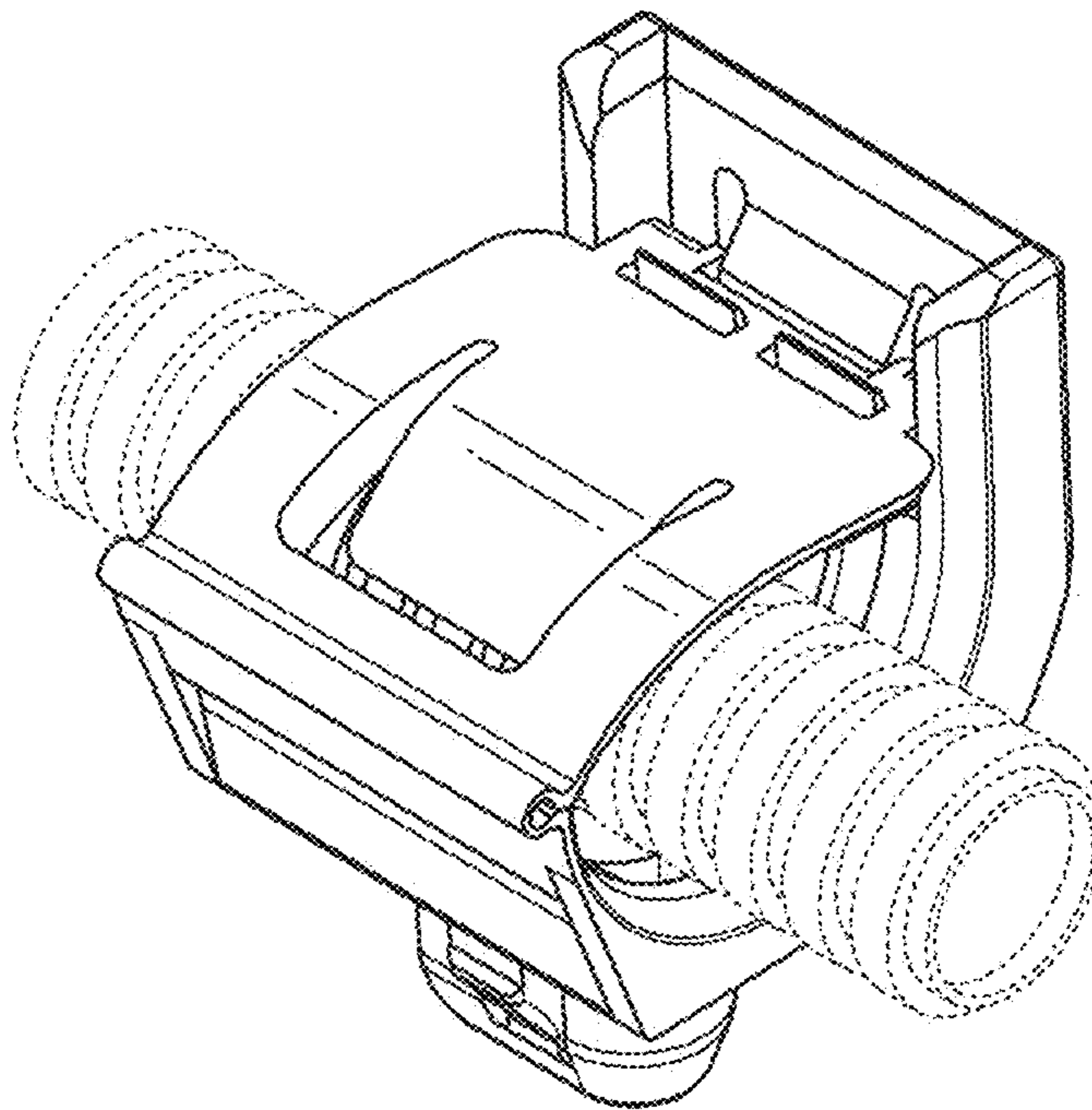


FIG. 2

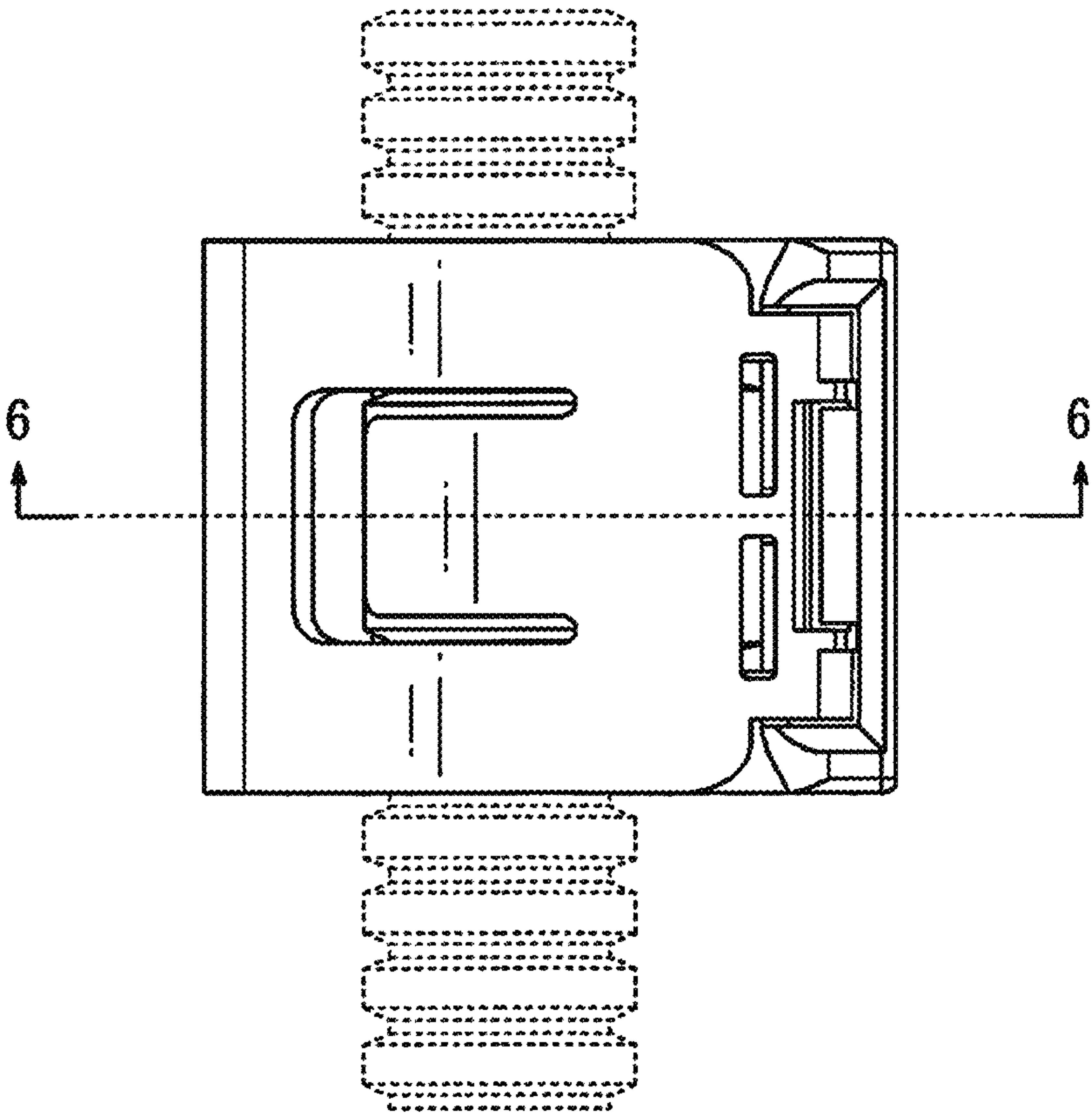


FIG. 3

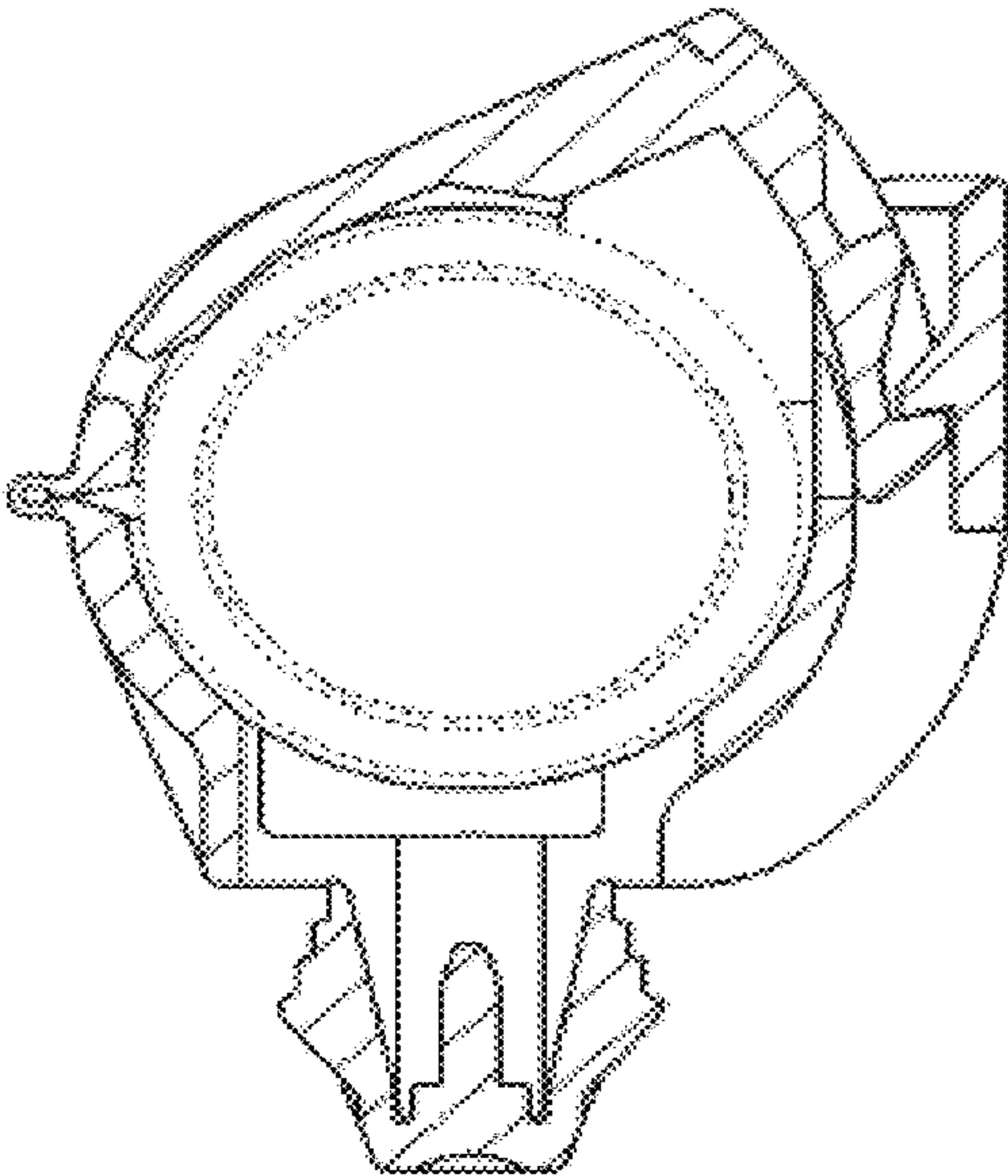


FIG. 4

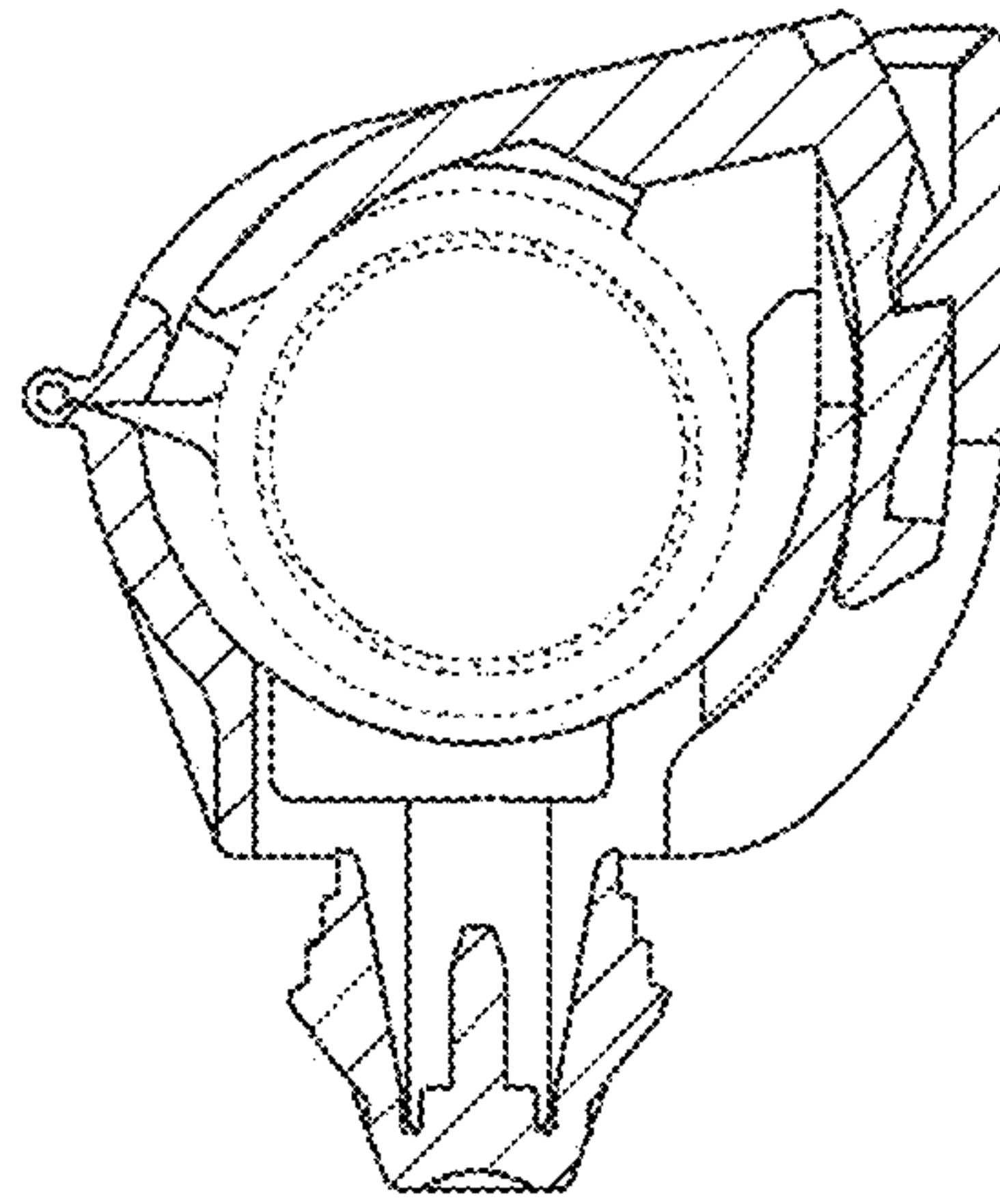


FIG. 5

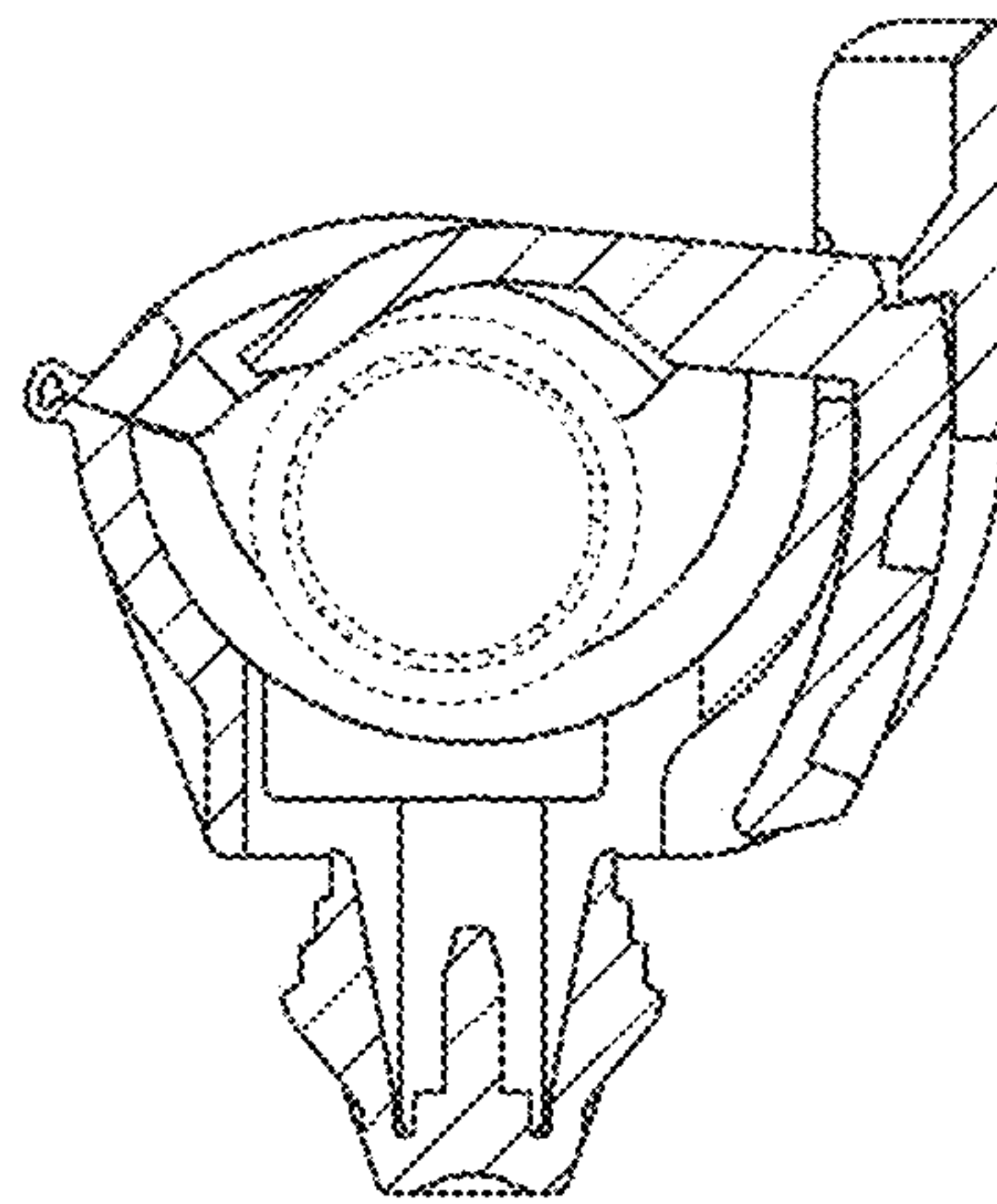


FIG. 6