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

(10) **Patent No.:** **US D955,539 S**

(45) **Date of Patent:** **** Jun. 21, 2022**

(54) **IONIZER**

D572,354 S * 7/2008 Tsuchiya D23/355
D636,840 S * 4/2011 Yasuoka D23/207
D636,841 S * 4/2011 Yasuoka D23/207

(Continued)

(71) Applicant: **SMC CORPORATION**, Chiyoda-ku
(JP)

Primary Examiner — Karen S Acker

(72) Inventor: **Yuji Manta**, Tsukubamirai (JP)

Assistant Examiner — Jonathan E Fiencke

(73) Assignee: **SMC CORPORATION**, Chiyoda-ku
(JP)

(74) *Attorney, Agent, or Firm* — Oblon, McClelland,
Maier & Neustadt, L.L.P.

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

(57) **CLAIM**

The ornamental design for an ionizer, as shown and described.

(21) Appl. No.: **29/716,127**

DESCRIPTION

(22) Filed: **Dec. 6, 2019**

(30) **Foreign Application Priority Data**

Jul. 19, 2019 (JP) 2019-016287

(51) **LOC (13) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/355**

(58) **Field of Classification Search**

USPC D23/202, 207–210, 213, 221, 272–274,
D23/284, 301, 308, 316, 355–365

CPC B01D 35/30; B01D 35/153; B01D 35/306;
B01D 2201/30; B01D 2201/29; C02F
1/002; H01T 23/00

See application file for complete search history.

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FIG. 1 is a front, top, and left side perspective view of an ionizer;

FIG. 2 is a front, bottom, and right side perspective view thereof;

FIG. 3 is a front, bottom, and left side perspective view thereof;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a top plan view thereof; and

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a left side elevational view thereof;

FIG. 9 is a right side elevational view thereof;

FIG. 10 is an enlarged front view of area 10 circumscribed within FIG. 4;

FIG. 11 is an enlarged bottom view area 11 circumscribed within FIG. 7;

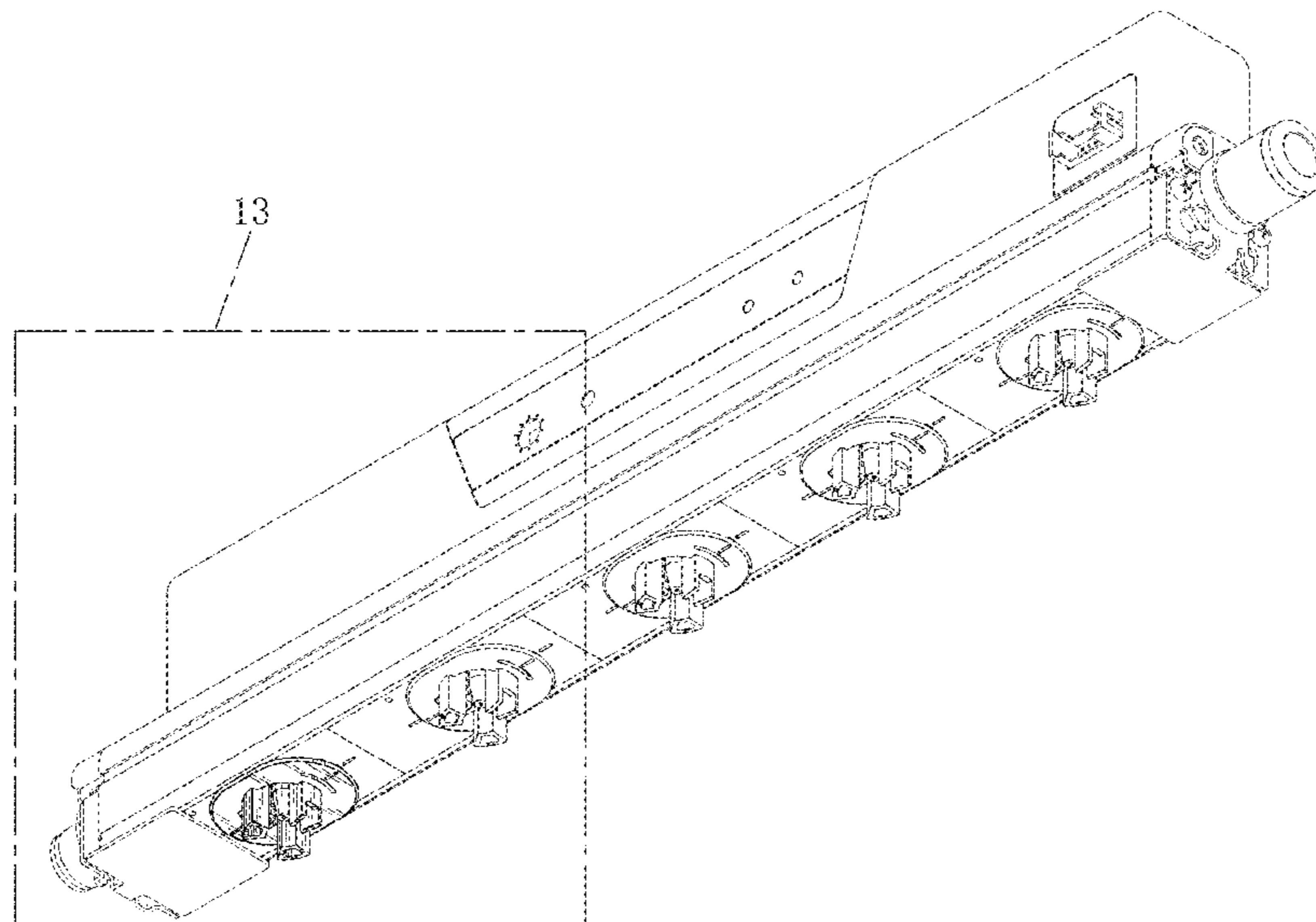
FIG. 12 is an enlarged left side elevational view thereof;

FIG. 13 is an enlarged front, bottom, and right side perspective view of area 13 circumscribed within FIG. 2; and,

FIG. 14 is an enlarged front, bottom, and left side perspective view of area 14 circumscribed within FIG. 3.

The broken lines and areas within them adjacent to solid lines and shaded elements depict portions of the ionizer that form no part of the claimed design. The dot dash dot broken lines in the drawings denote the boundaries of the detail areas and form no part of the claimed design.

1 Claim, 13 Drawing Sheets



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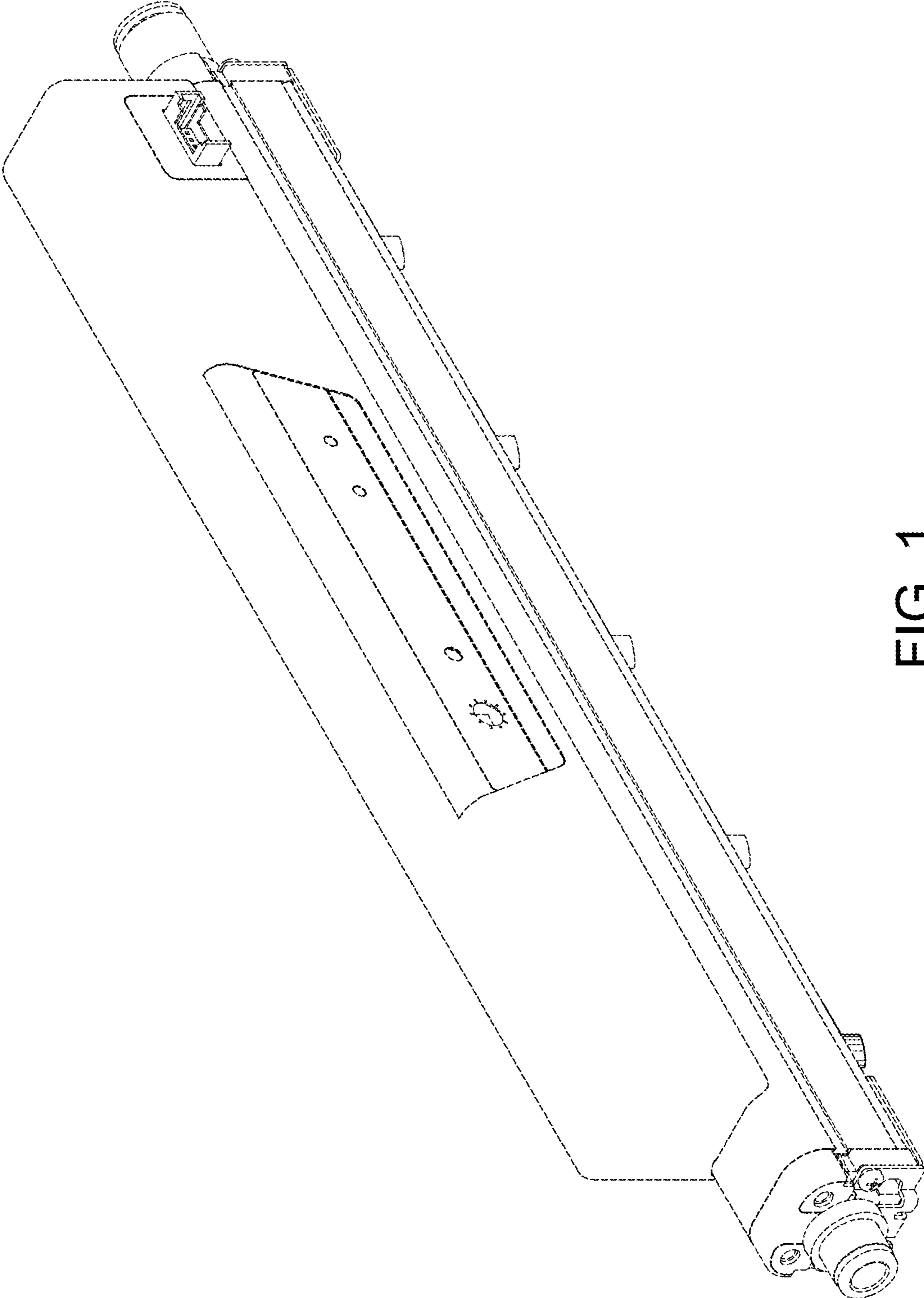


FIG. 1

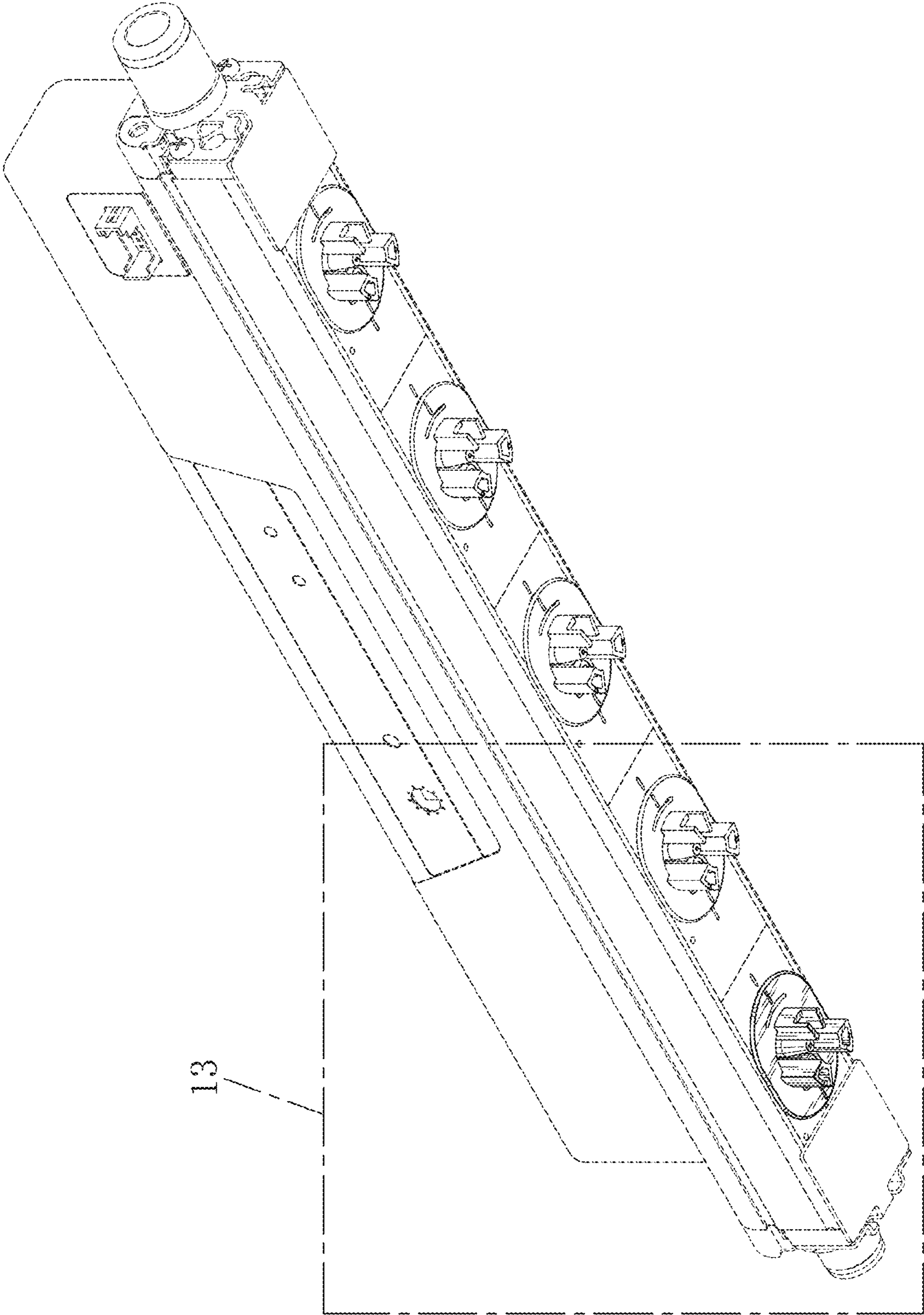


FIG. 2

FIG. 3

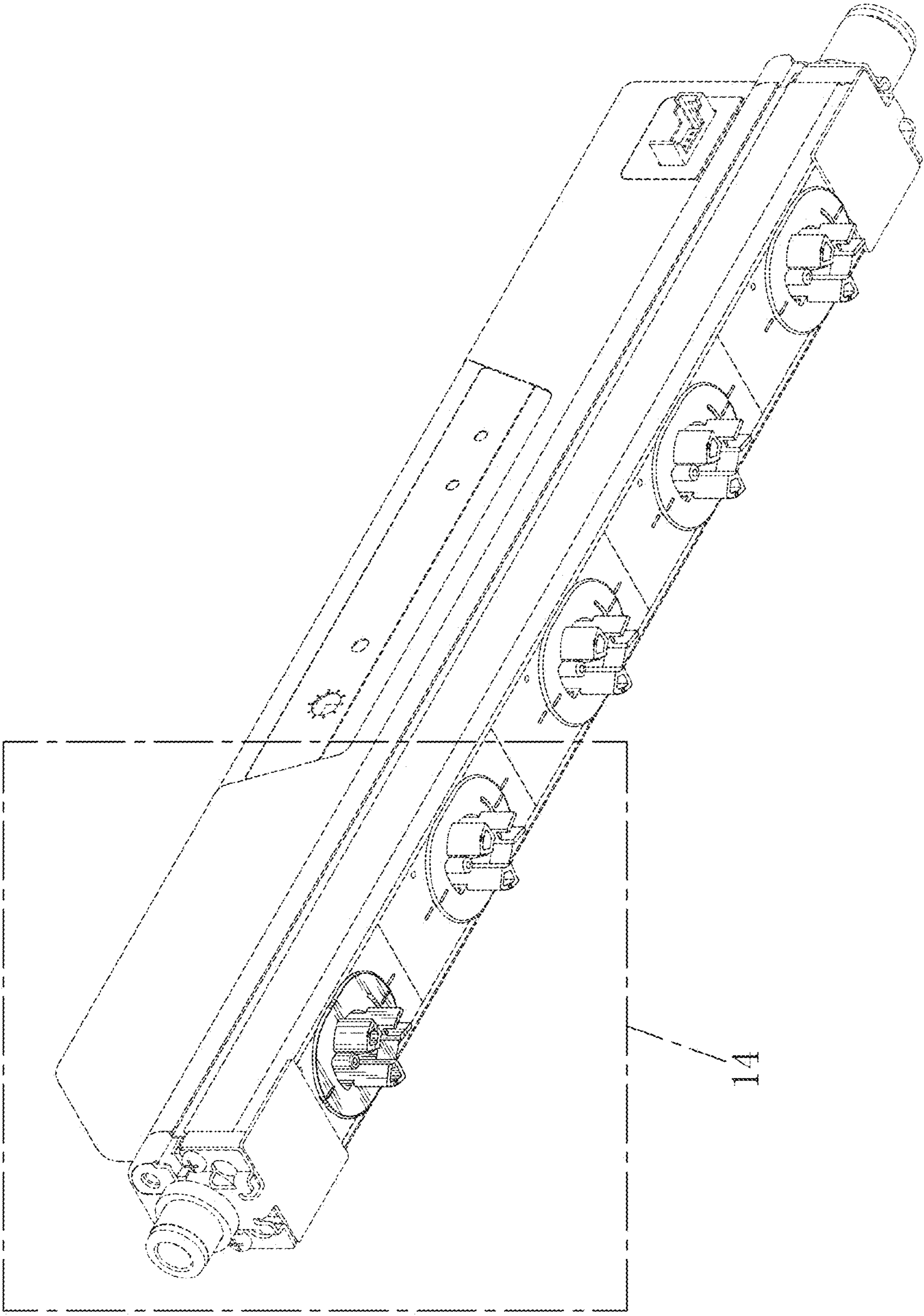
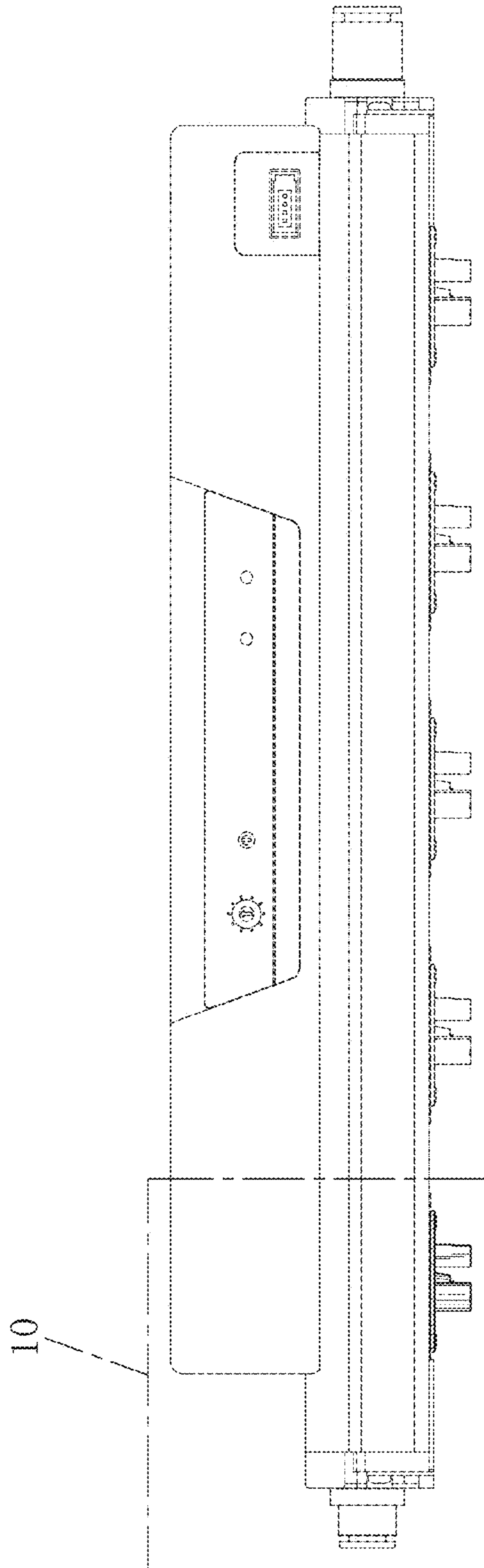


FIG. 4



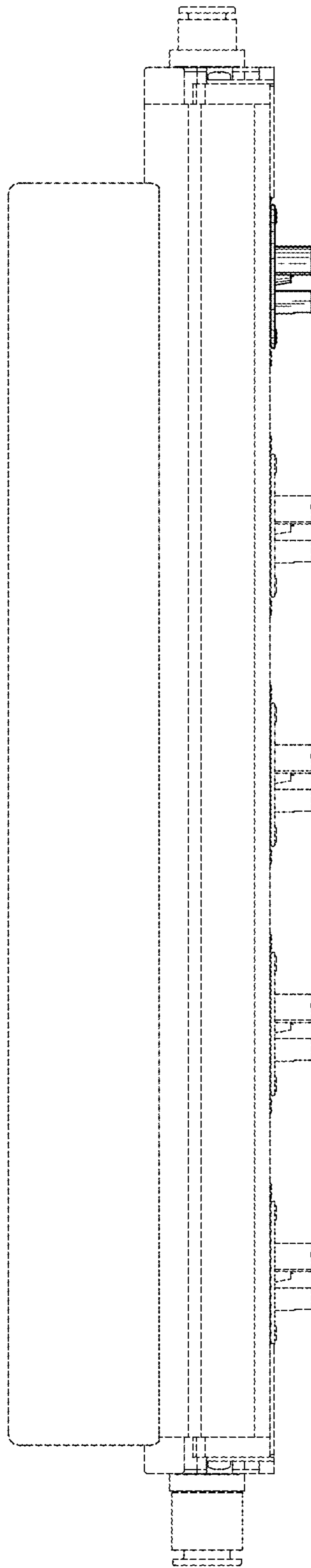


FIG. 5

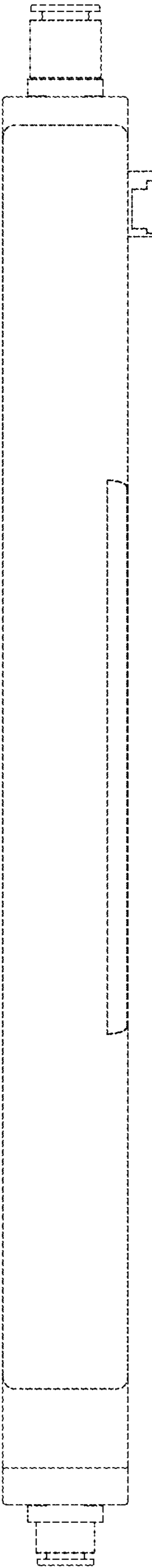
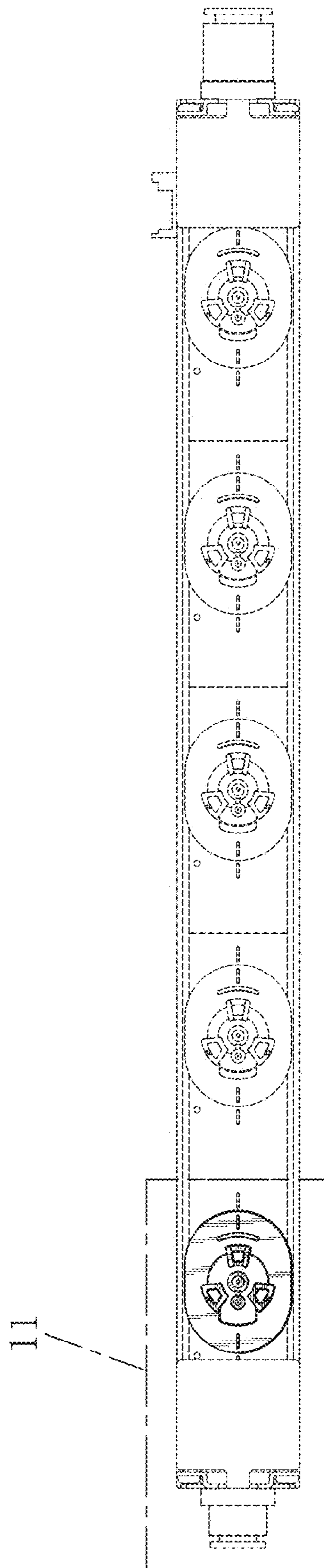


FIG. 6

FIG. 7



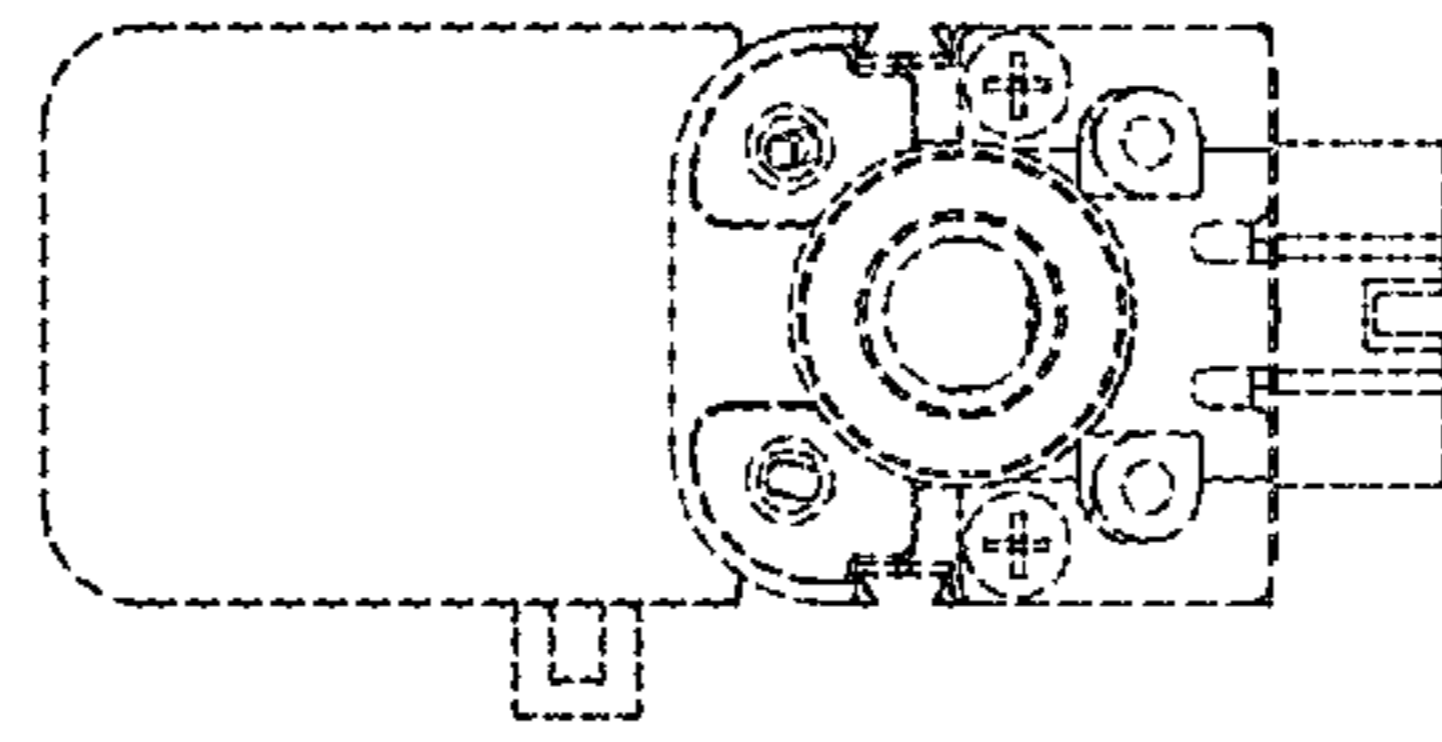


FIG. 9

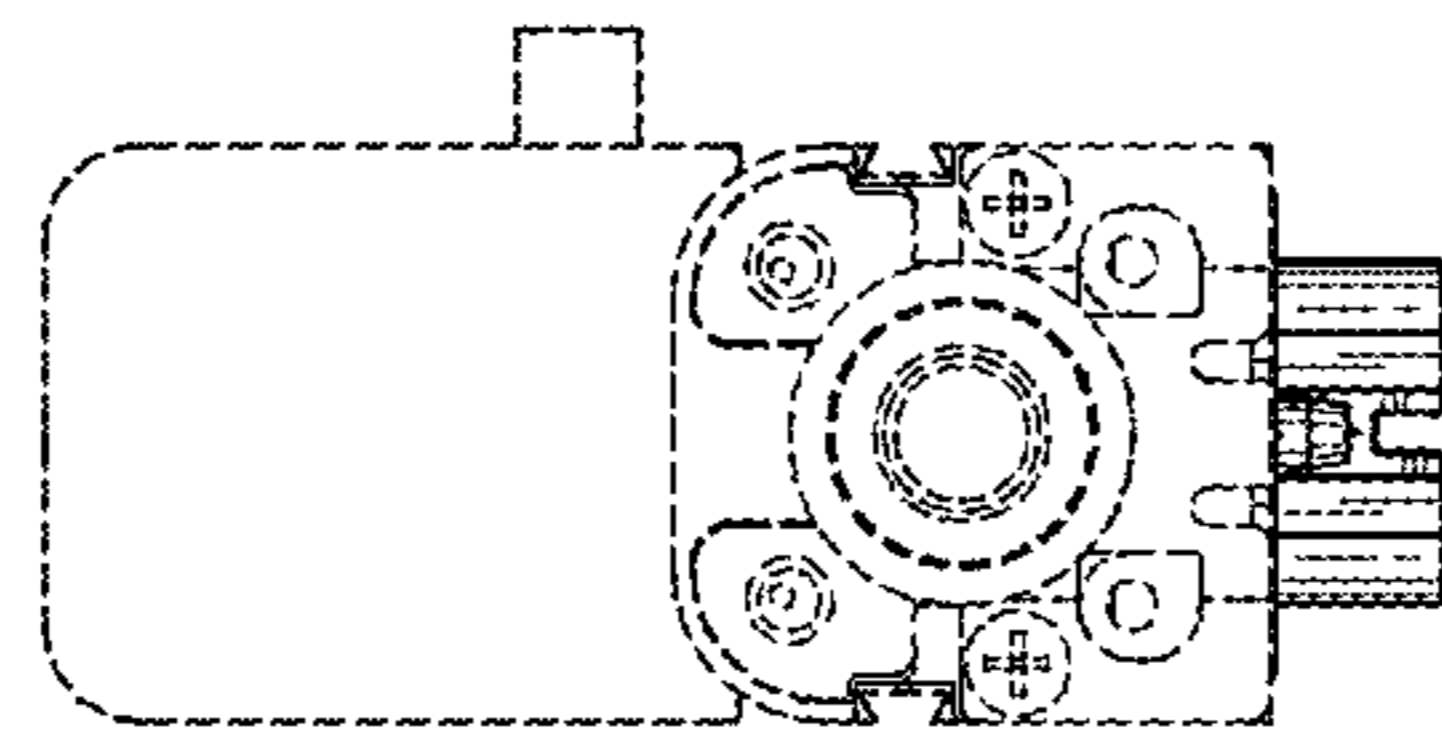


FIG. 8

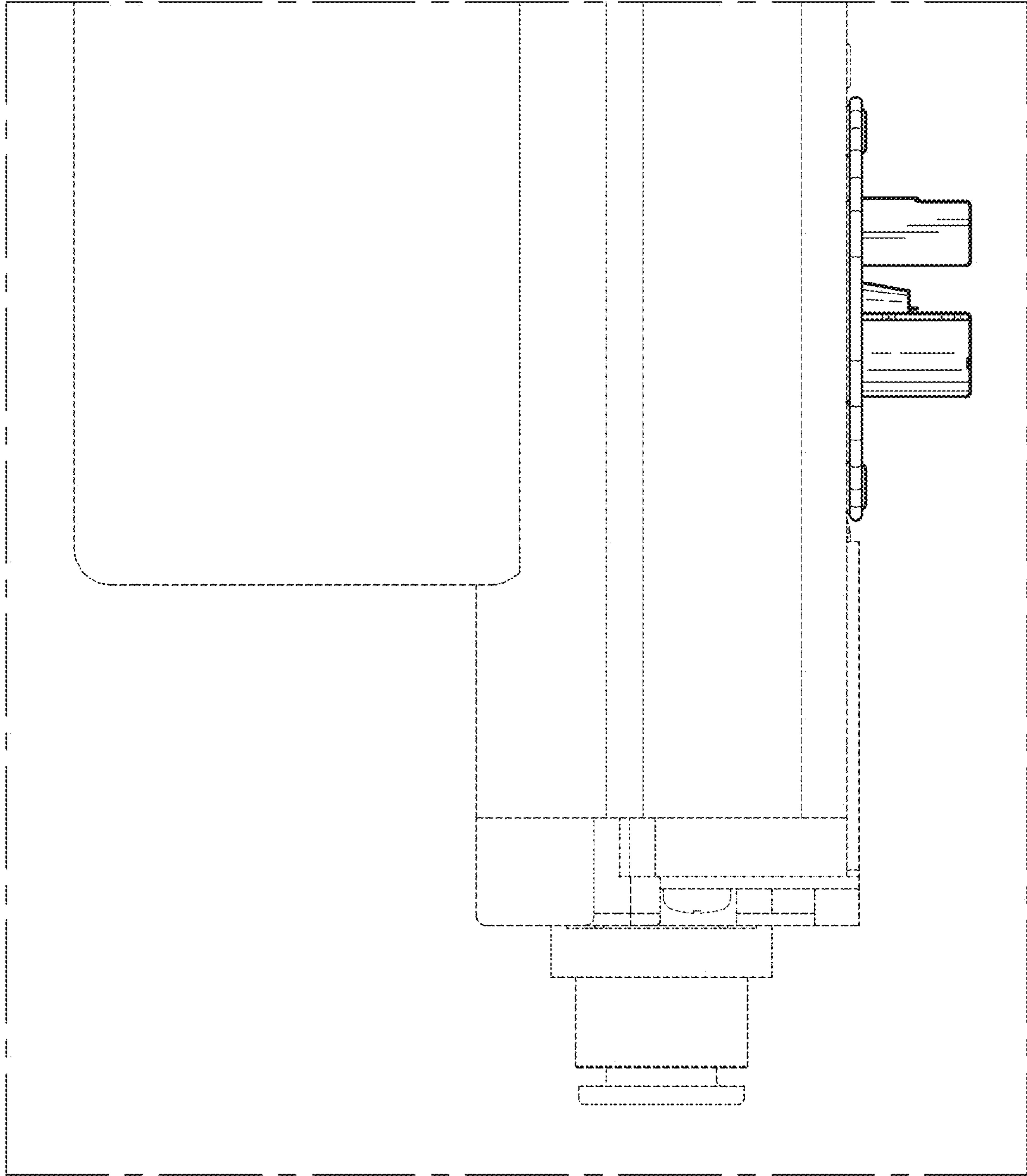


FIG. 10

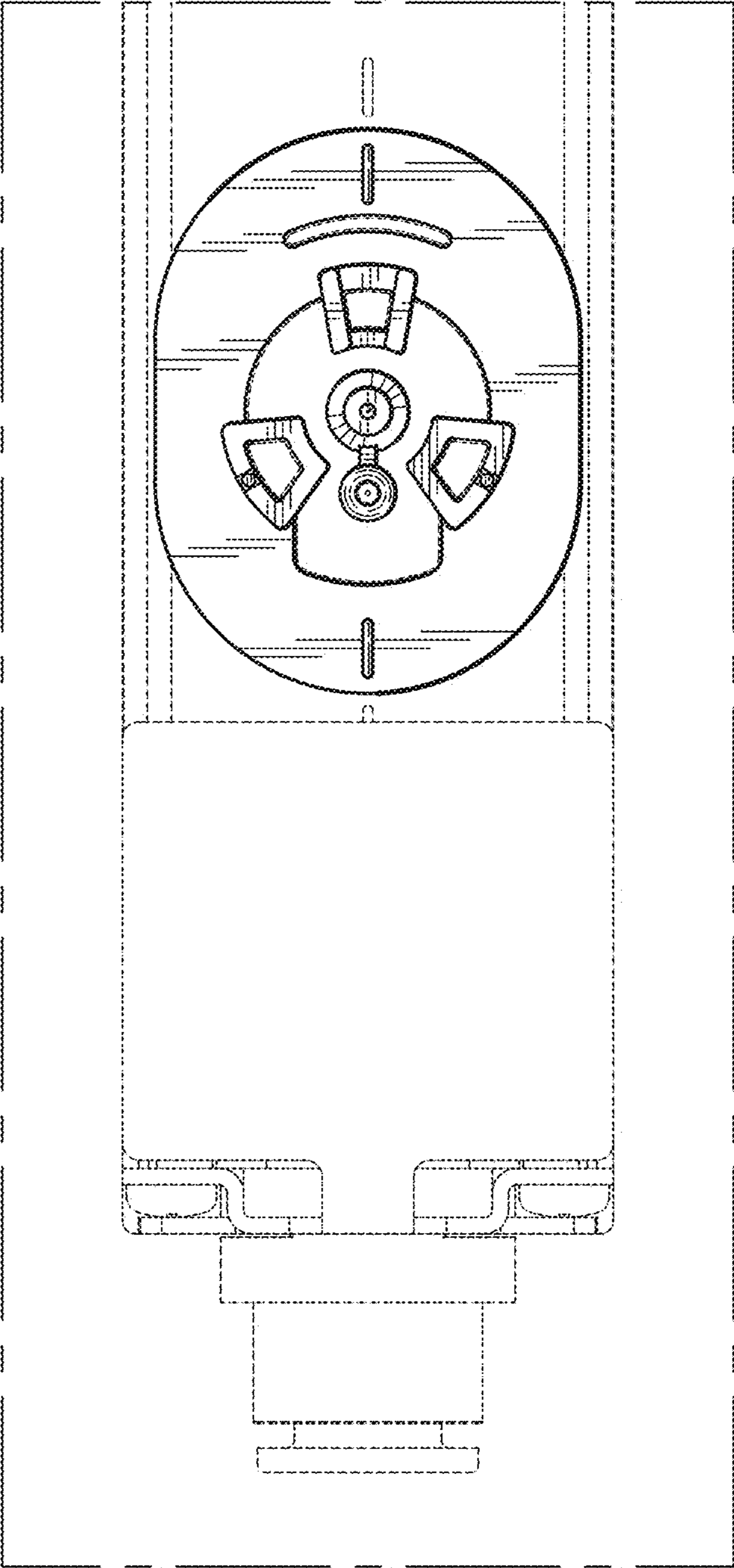


FIG. 11

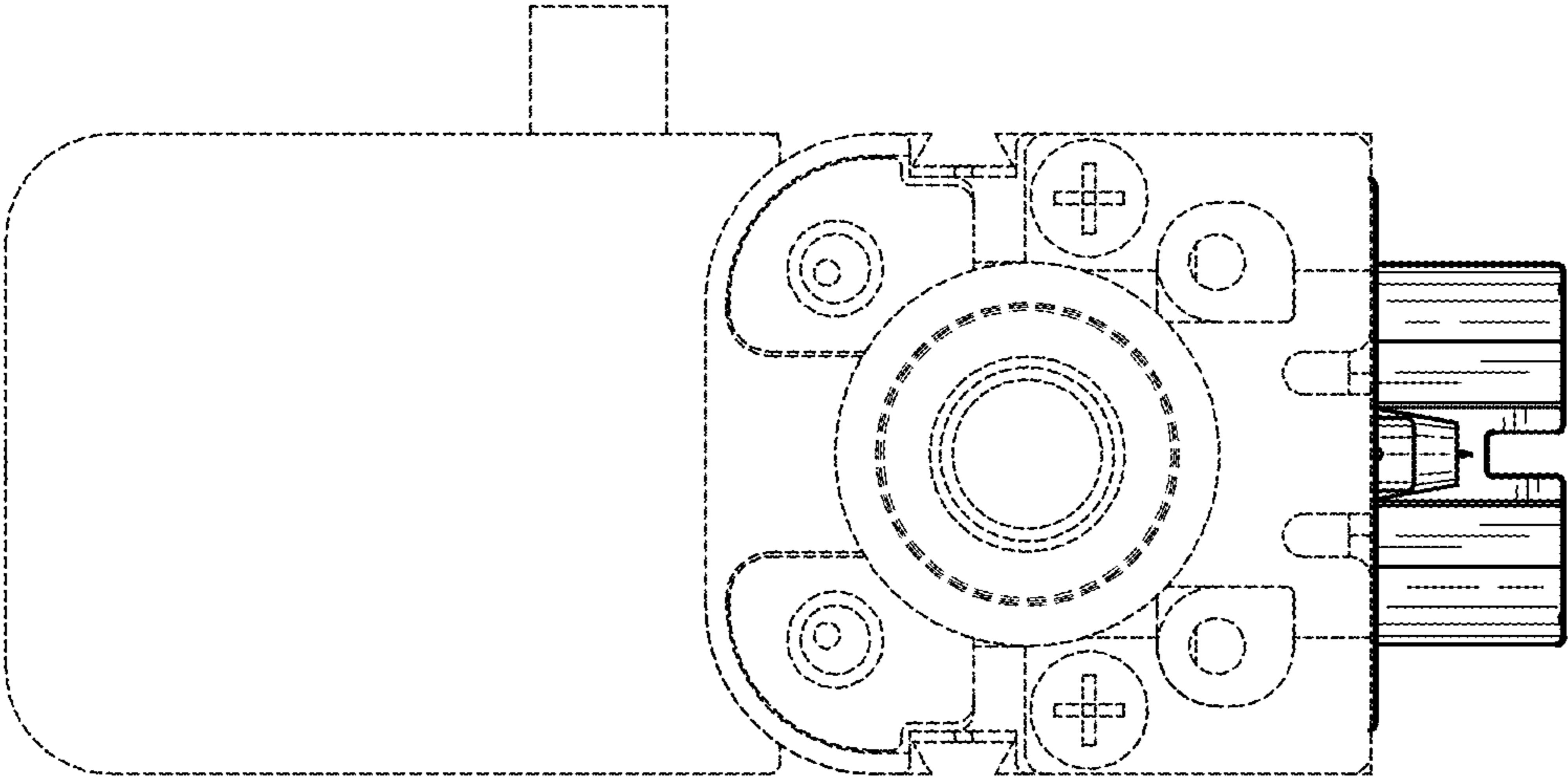


FIG. 12

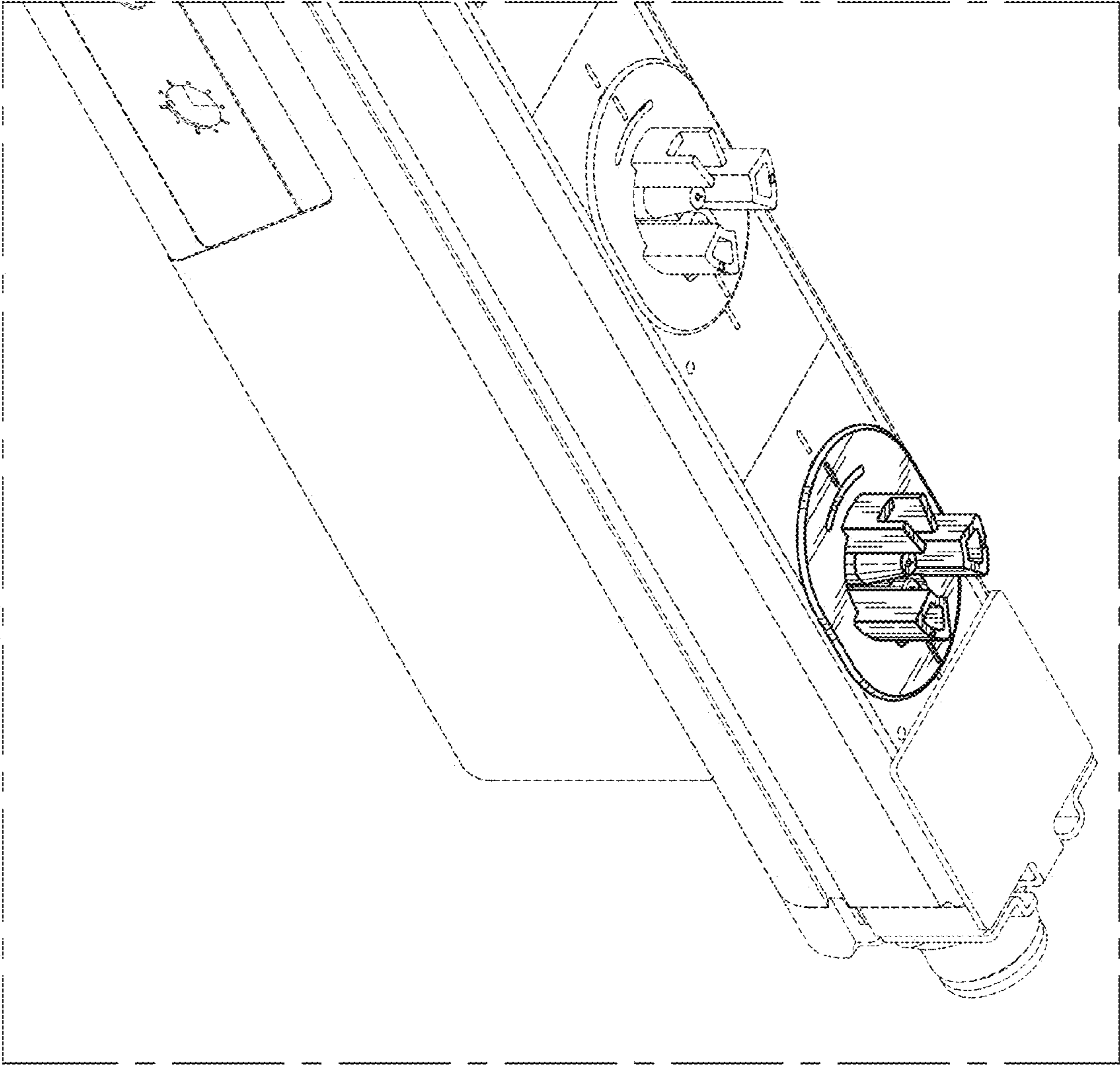


FIG. 13

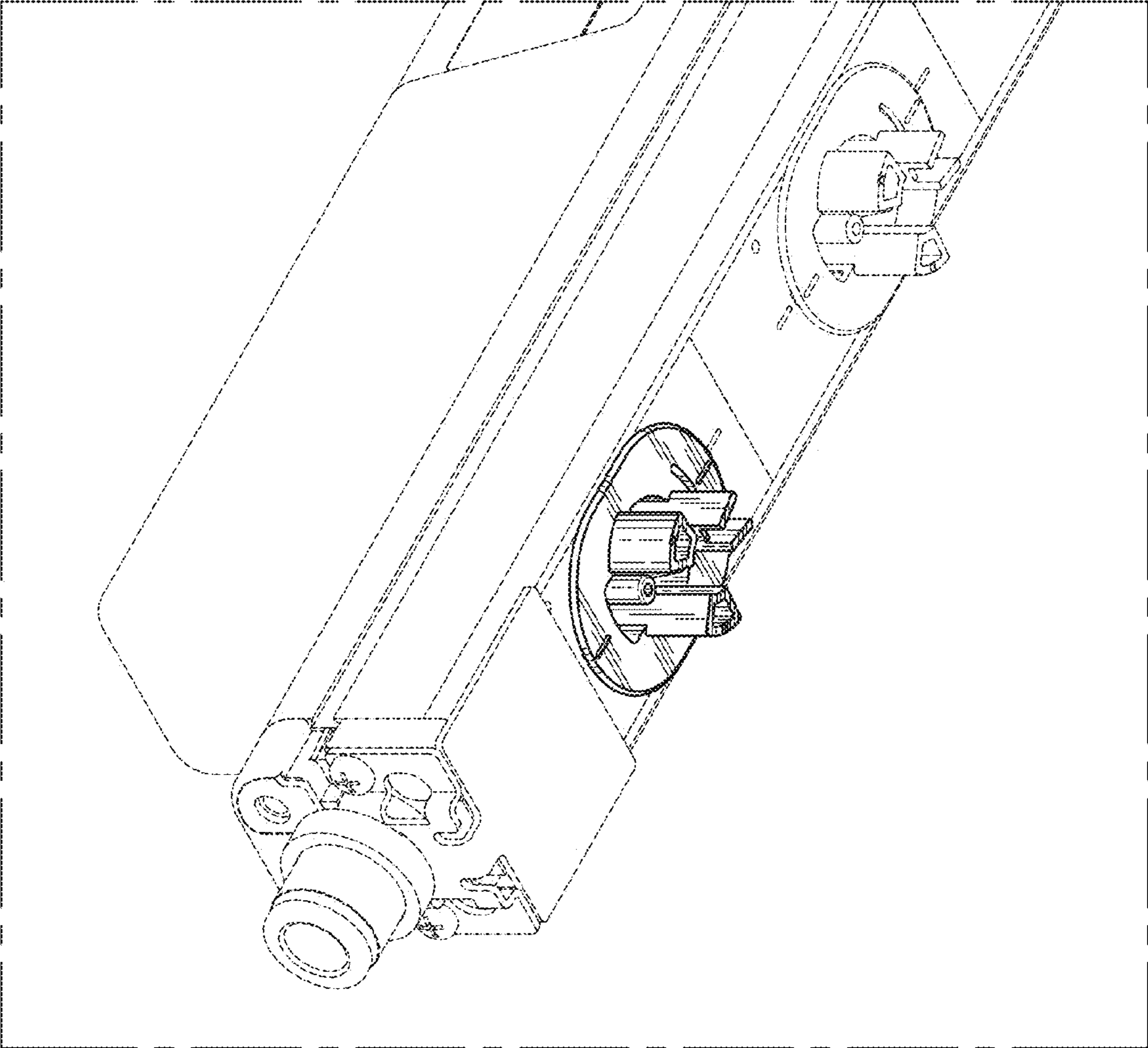


FIG. 14