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

(10) **Patent No.:** **US D678,377 S**
(45) **Date of Patent:** **** Mar. 19, 2013**

(54) **INDUSTRIAL ROBOT HAND**

(75) Inventor: **Makoto Umeno**, Fukuoka (JP)

(73) Assignee: **Kabushiki Kaisha Yaskawa Denki**,
Kitakyushu-Shi (JP)

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

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(51) **LOC (9) Cl.** **15-99**

(52) **U.S. Cl.** **D15/199**

(58) **Field of Classification Search** D15/199;
D21/578, 593, 594, 621; 74/490.01, 490.02,
74/490.03, 490.05; 219/124.34, 639; 222/129,
222/129.3; 318/560, 568.12, 568.2; 446/268-274,
446/279, 280, 289-292, 298, 300, 353, 354,
446/376, 378-384; 700/99, 150, 264, 281
See application file for complete search history.

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Primary Examiner — Patricia Palasik

(74) *Attorney, Agent, or Firm* — Ditthavong Mori & Steiner,
P.C.

(57) **CLAIM**

The ornamental design for an industrial robot hand, as shown and described.

DESCRIPTION

FIG. 1 is a rear and right side perspective view of an industrial robot hand, showing my new design;
FIG. 2 is a front and left side perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear side view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom view thereof;
FIG. 7 is a left side view thereof;
FIG. 8 is a right side view thereof;
FIG. 9 is a rear and right side perspective view showing the industrial robot hand in which claws thereof are closed;
FIG. 10 is an exemplary front view showing the industrial robot hand attached to one industrial robot arm; and,
FIG. 11 is an exemplary front view showing the industrial robot hand attached to the other industrial robot arm.
The broken lines in the drawings depict unclaimed environmental subject matter.

1 Claim, 11 Drawing Sheets

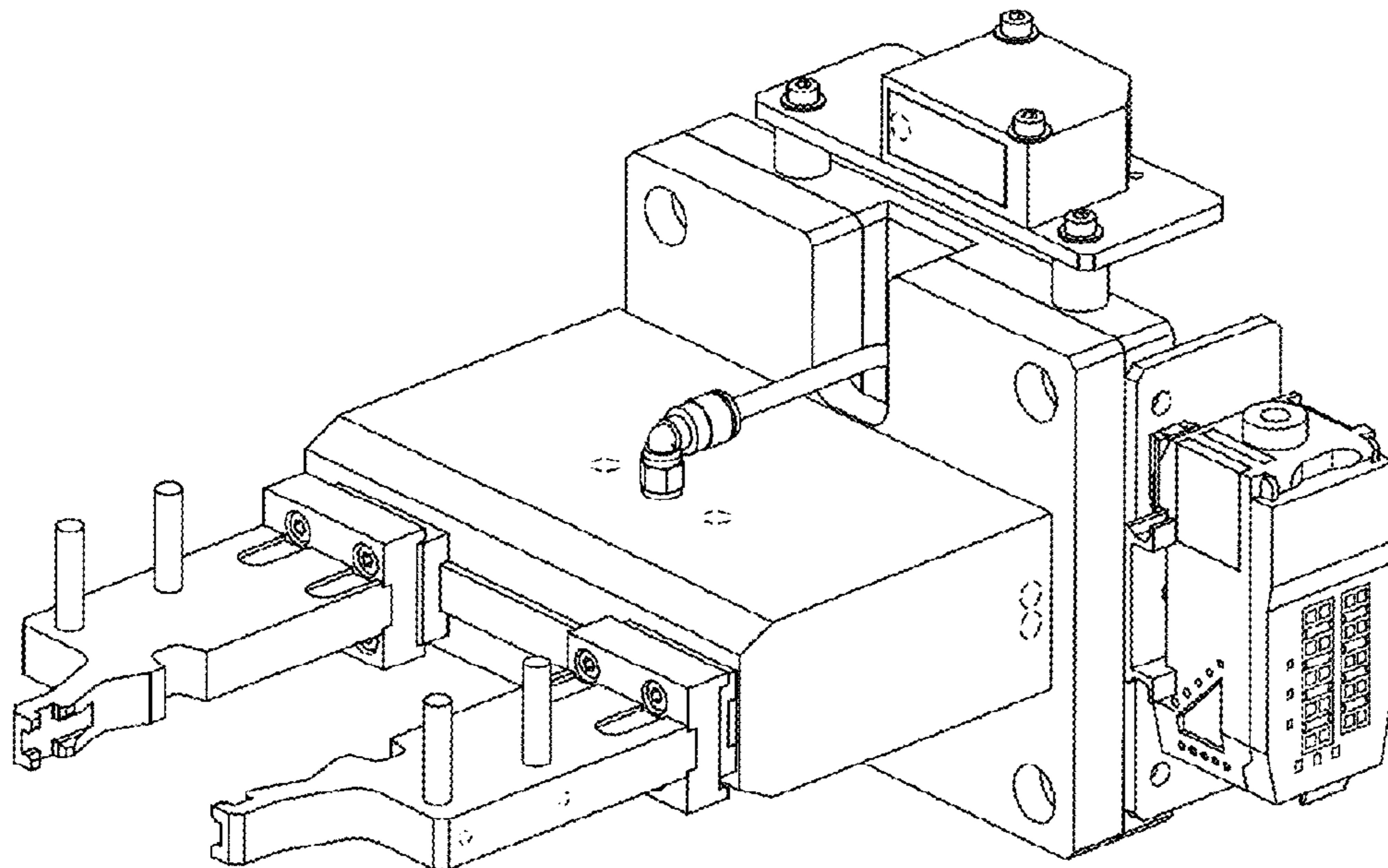


FIG. 1

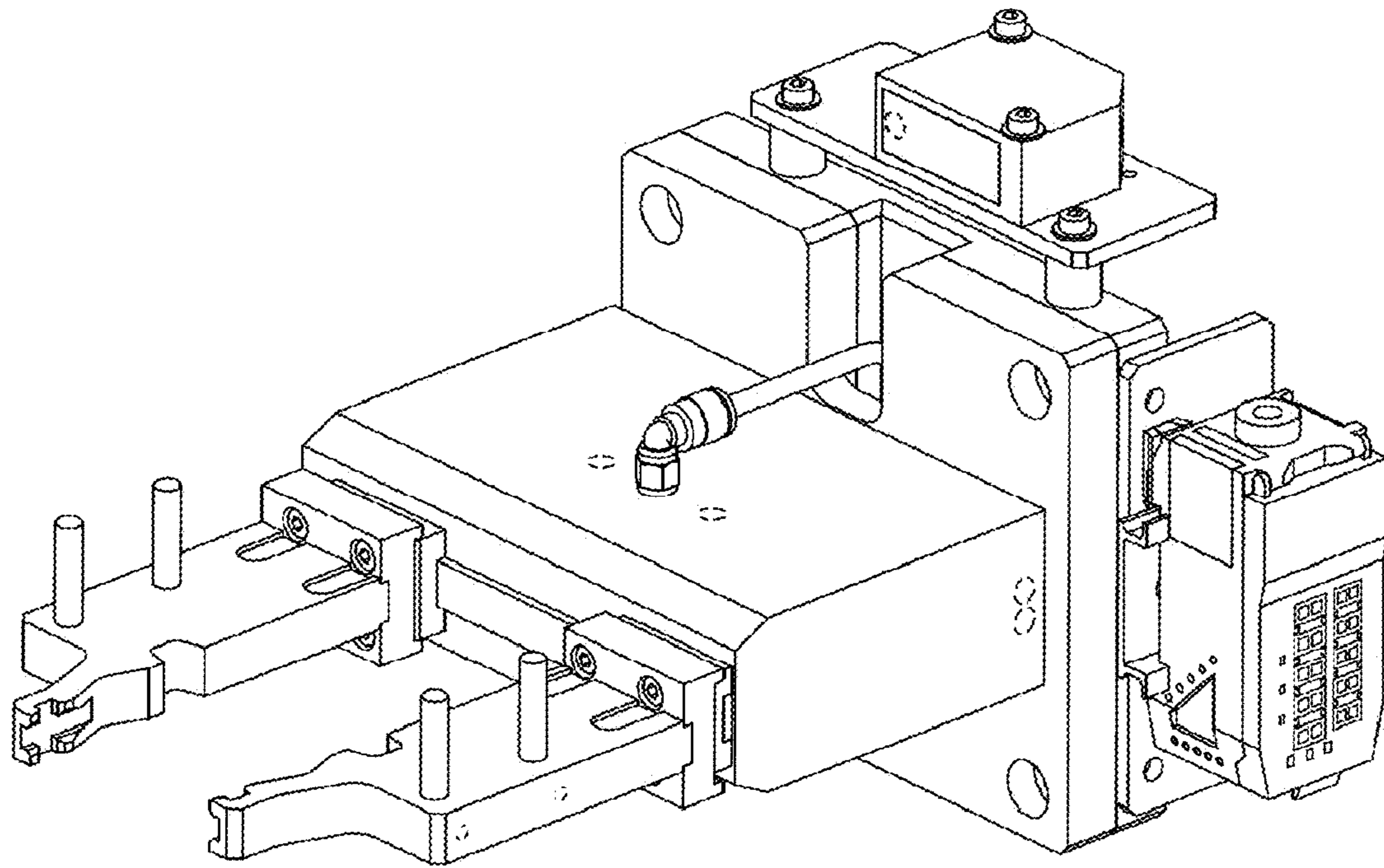


FIG. 2

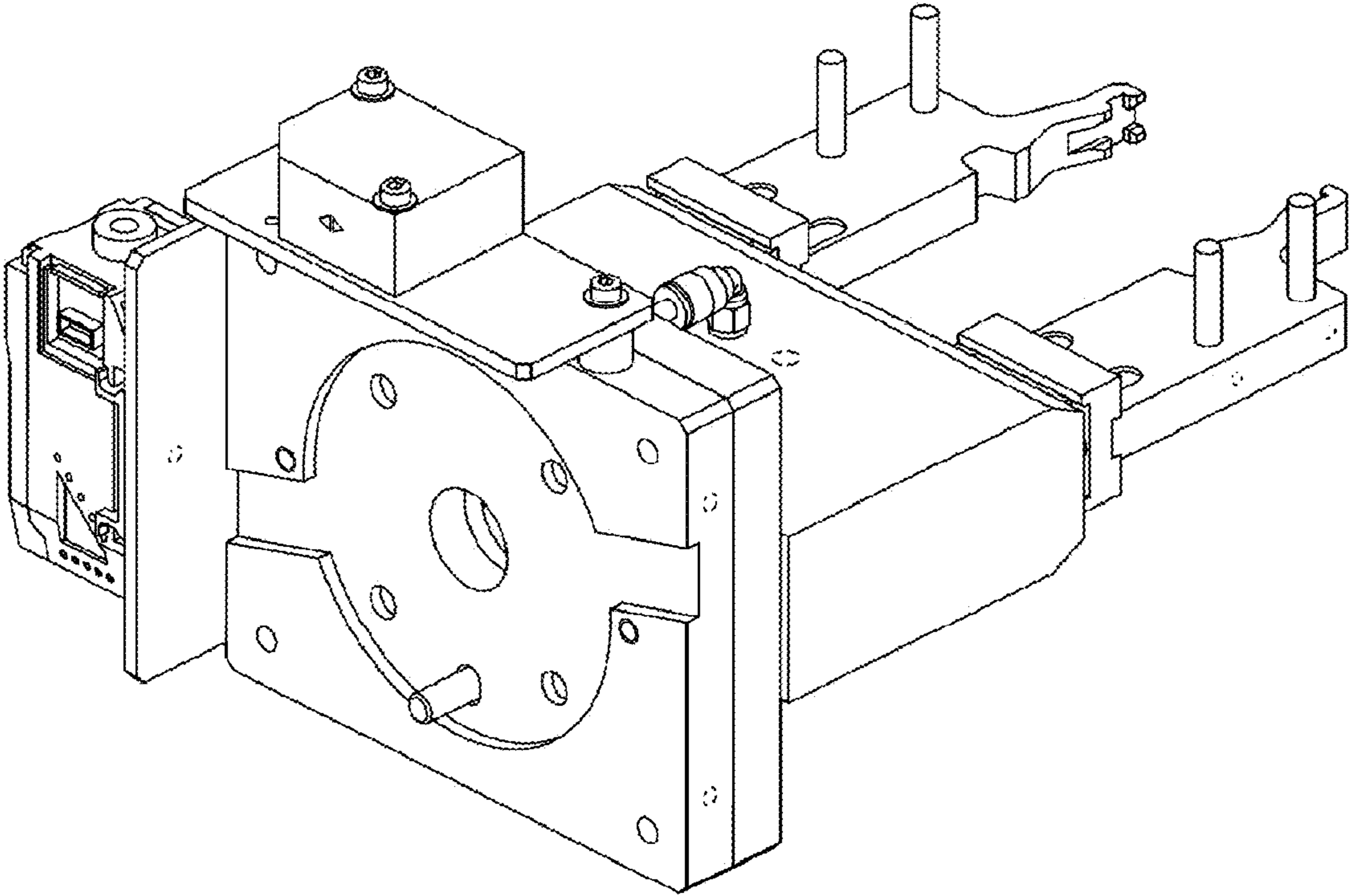


FIG. 3

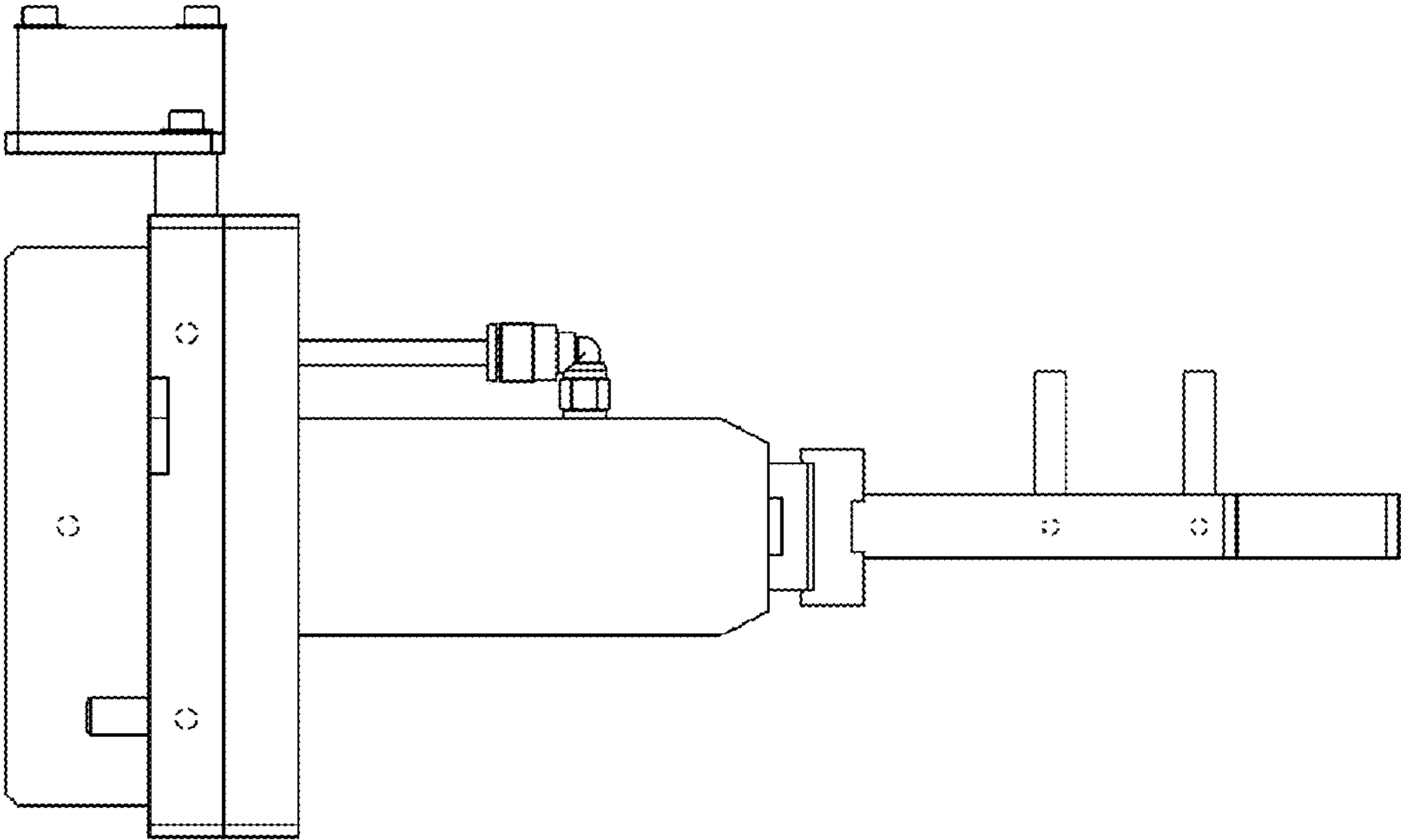


FIG. 4

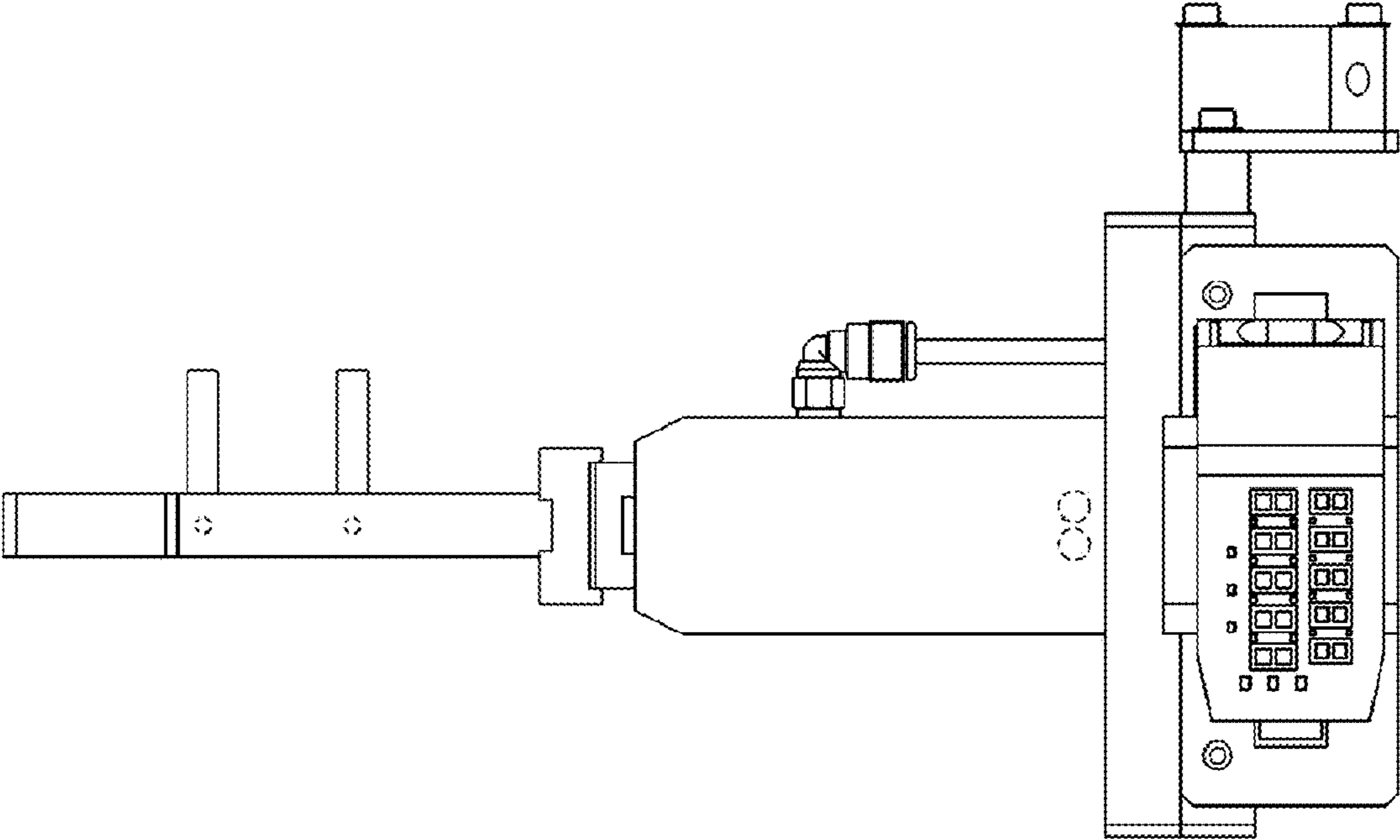


FIG. 5

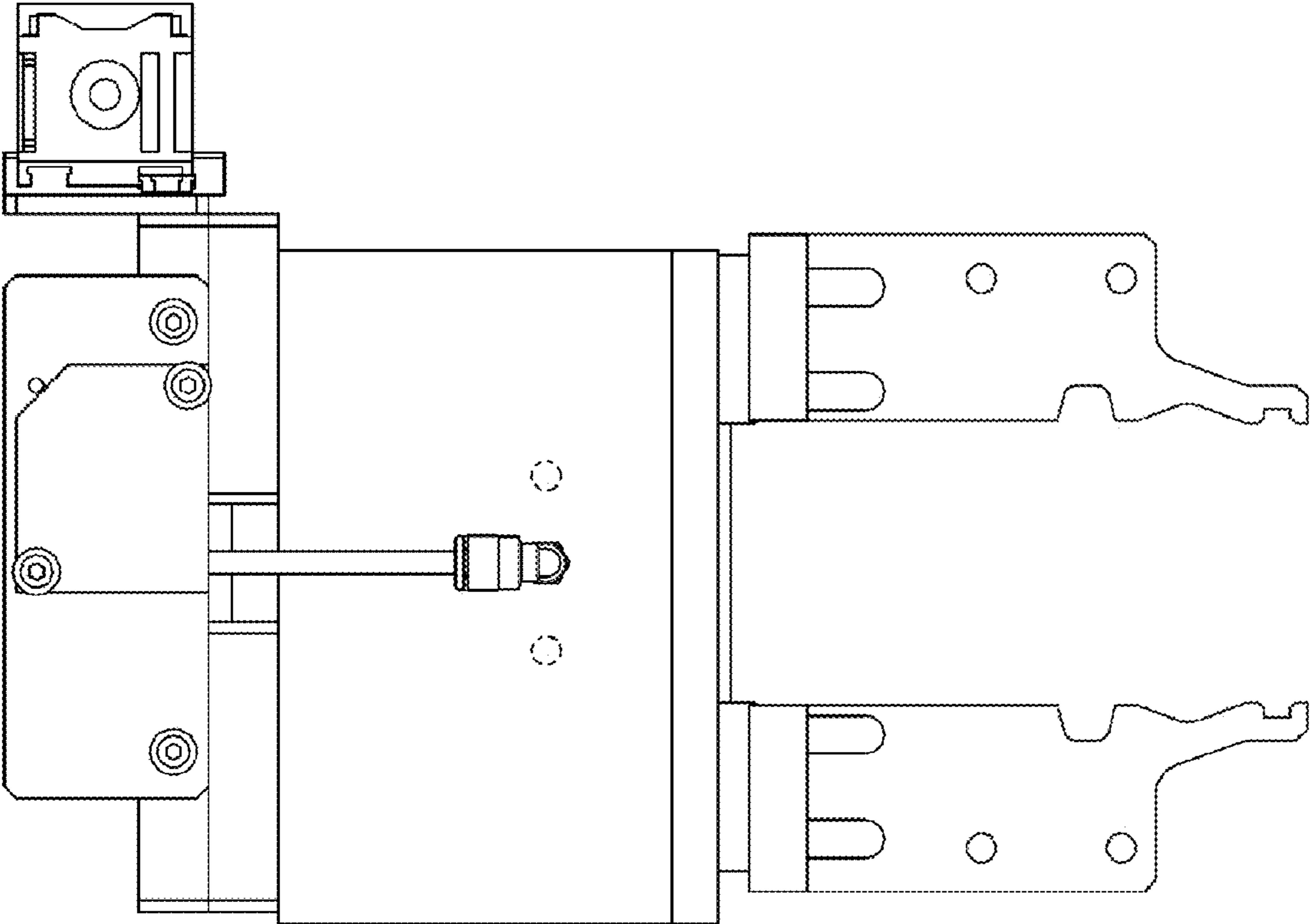


FIG. 6

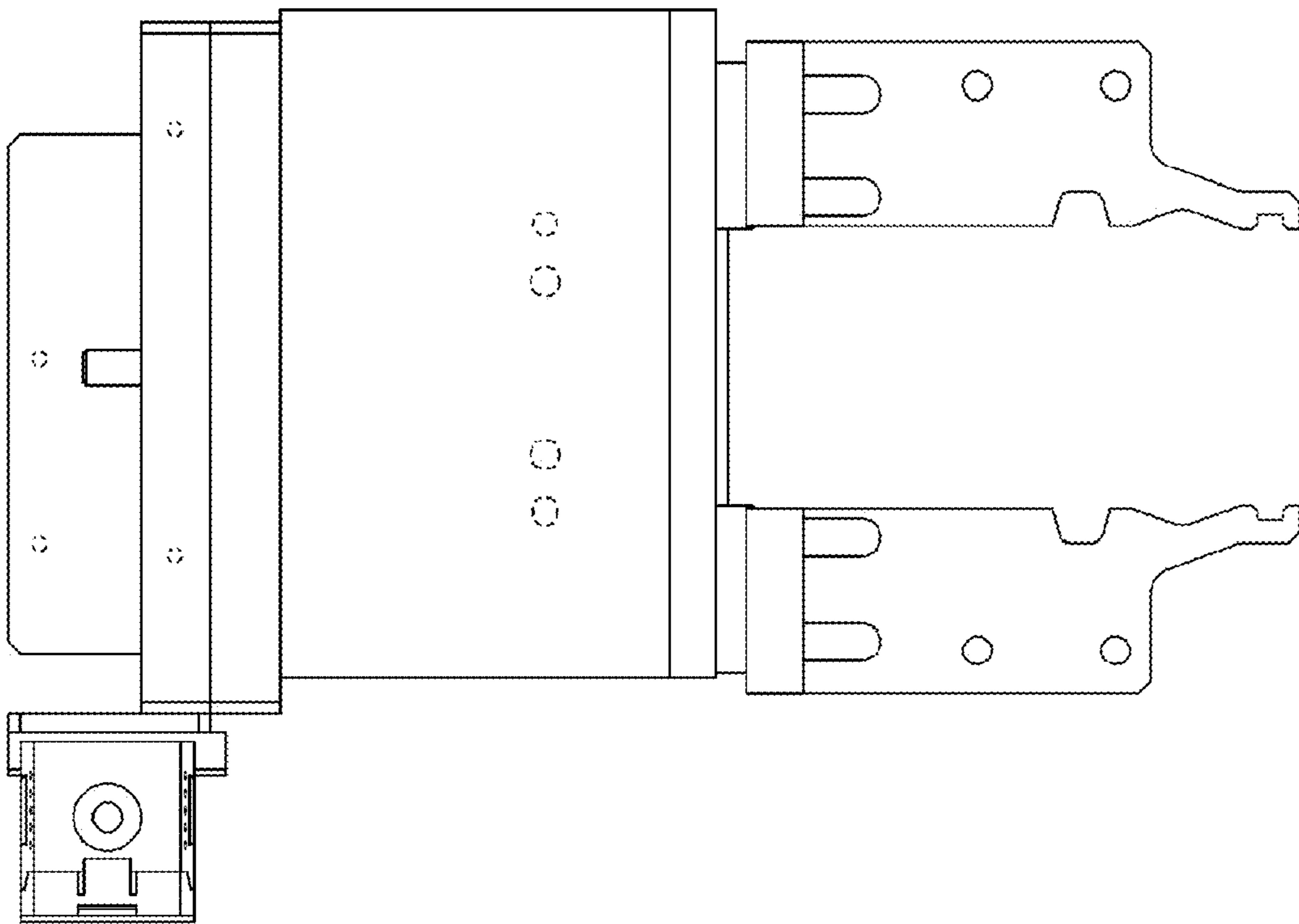


FIG. 7

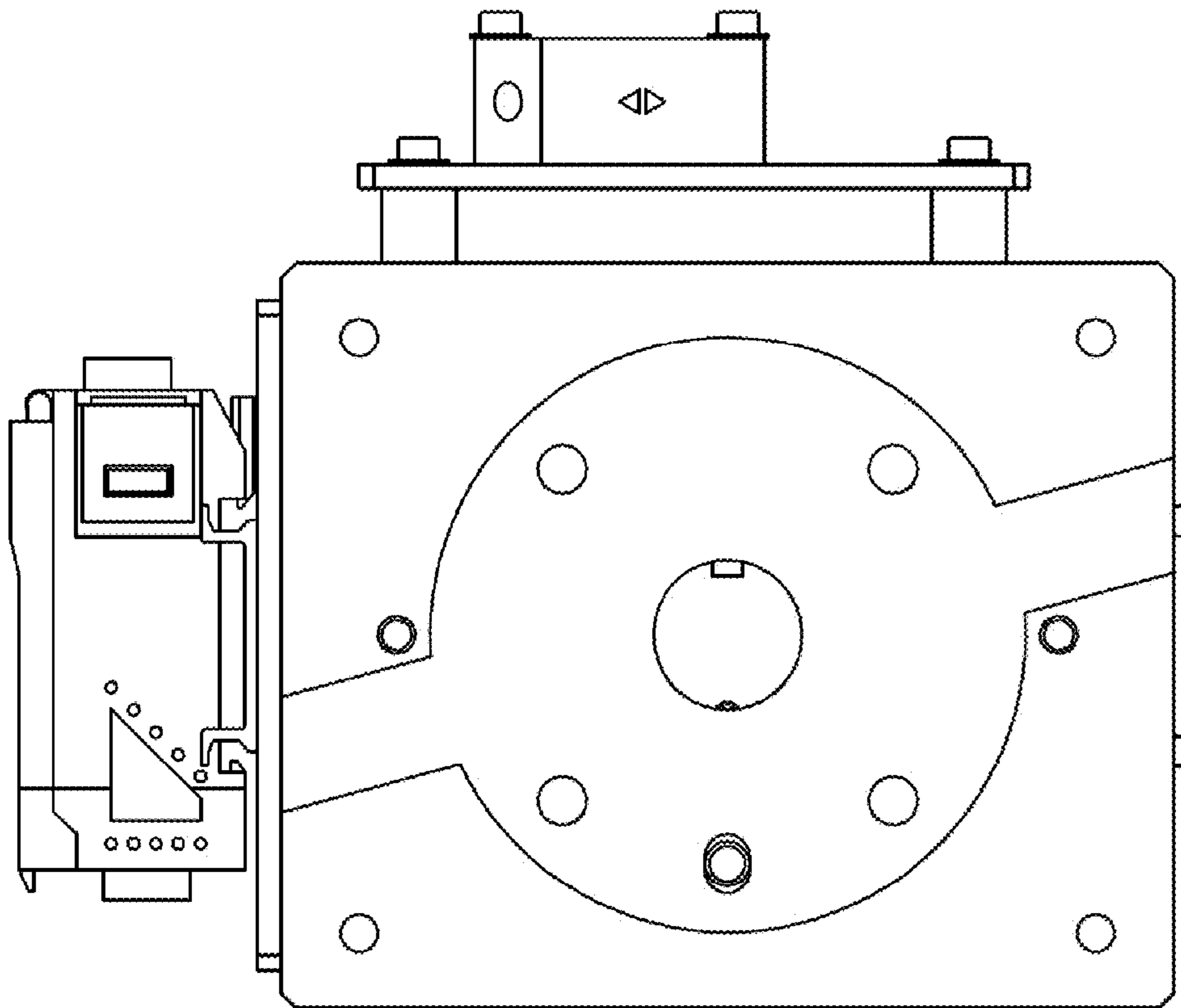


FIG. 8

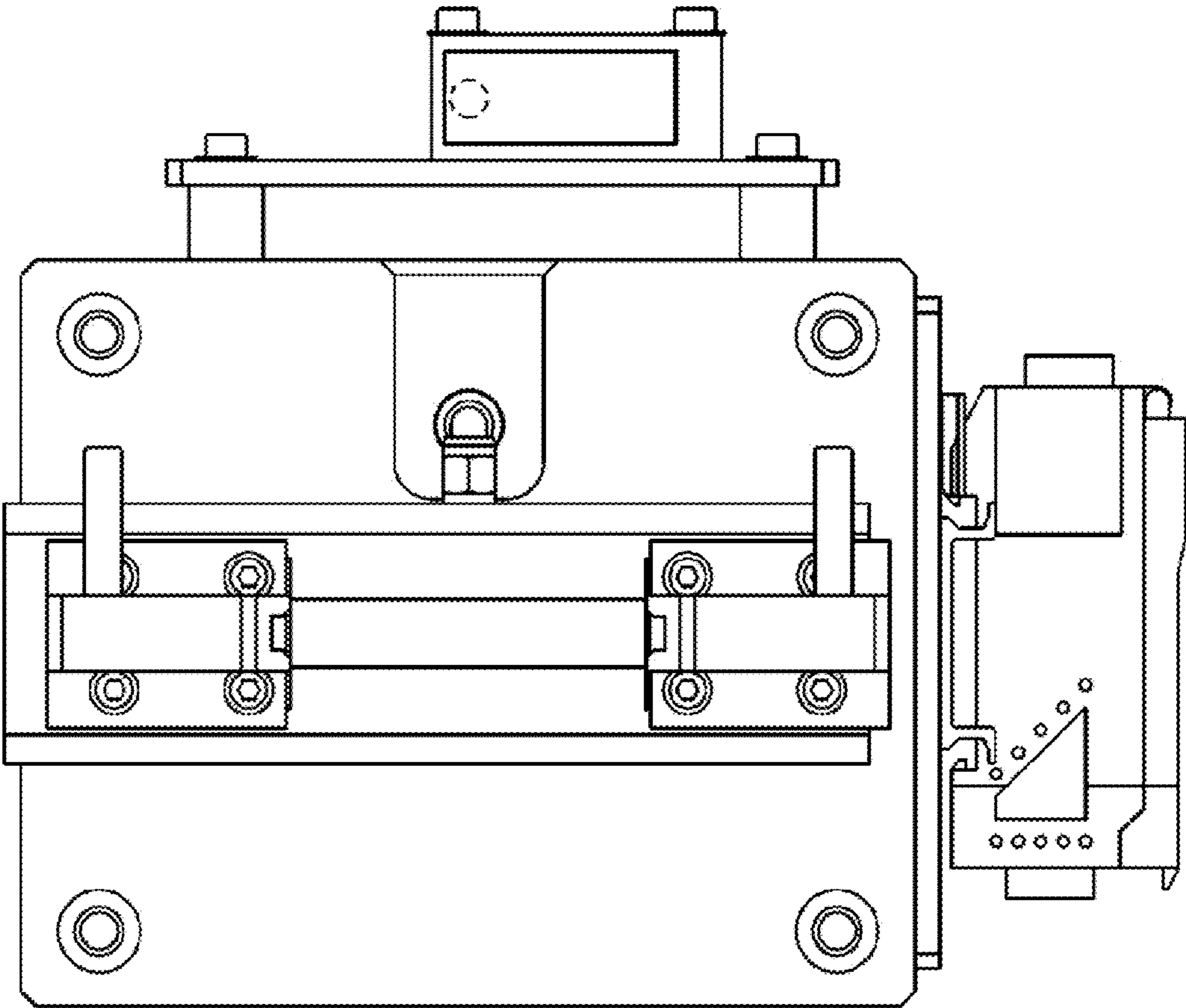


FIG. 9

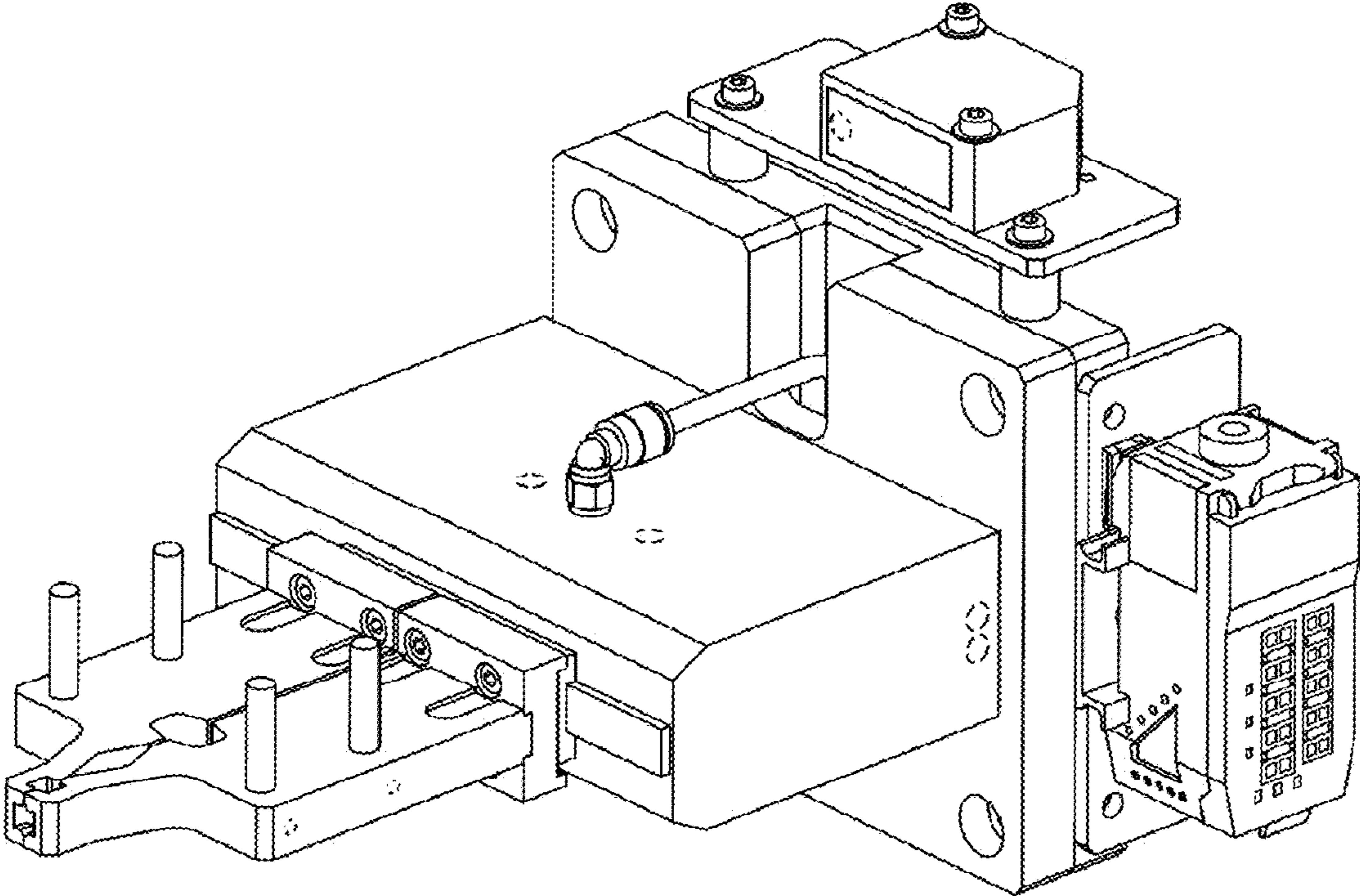


FIG. 10

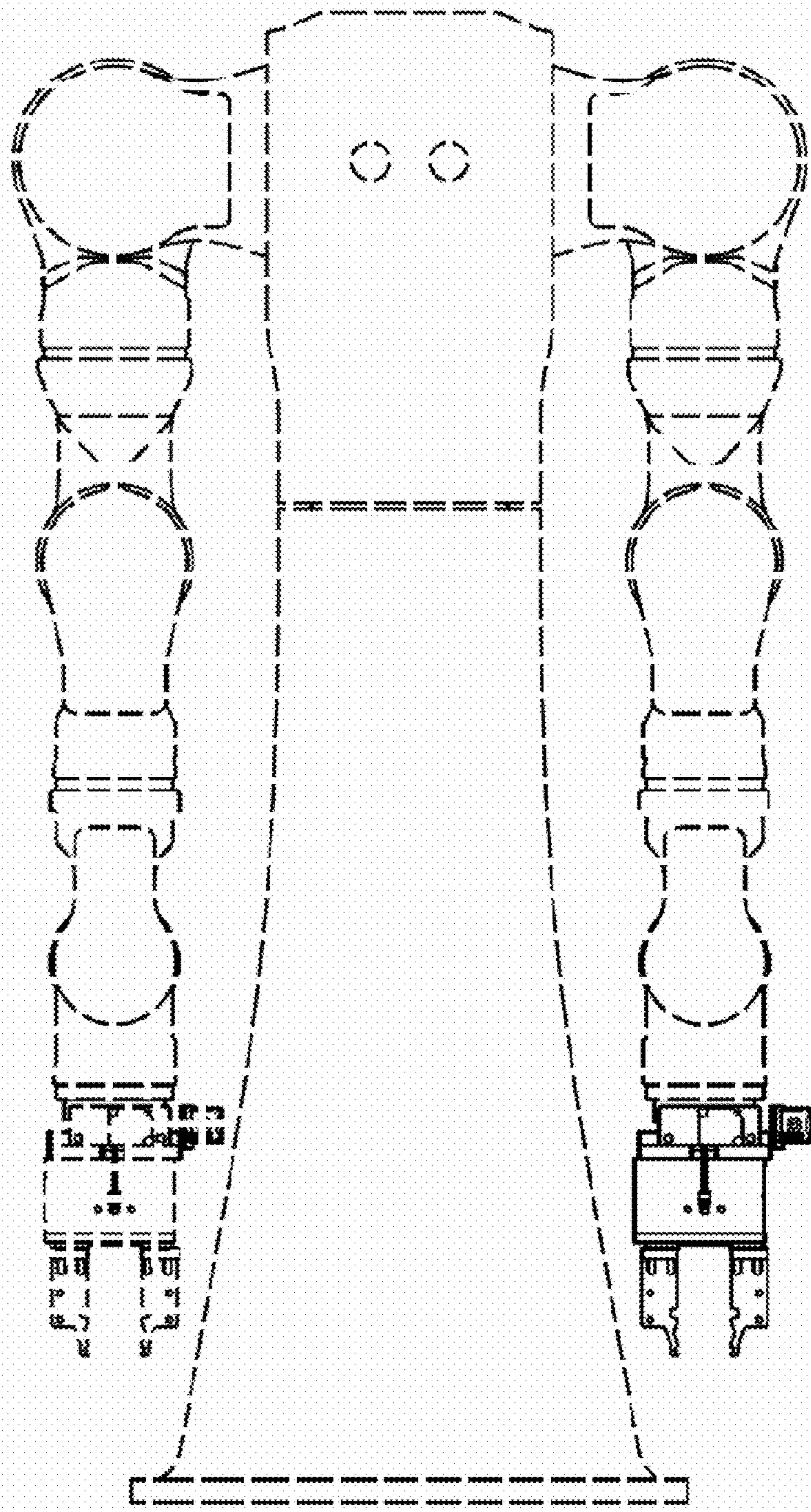


FIG. 11

