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(12)

United States Design Patent

Tanaka et al.

(10)

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(45)

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(54) INDUSTRIAL ROBOT

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

(21) Appl. No.: **29/942,707**

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(30) Foreign Application Priority Data

Nov. 22, 2023	(JP)	2023-024169 D
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(51) **LOC (15) Cl.** **15-99**

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

USPC	D15/199; D15/122
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(58) **Field of Classification Search**

USPC	D15/122, 199; D21/578; D32/21; D34/34
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(Continued)

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(74) Attorney, Agent, or Firm — MORI & WARD, LLP

(57) CLAIM

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

DESCRIPTION

FIG. 1 is a front view of an industrial robot of the present invention;

FIG. 2 is a back view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a front, top and left side perspective view thereof;

FIG. 8 is a back, top and right side perspective view thereof;

FIG. 9 is a front, bottom and left side perspective view thereof;

FIG. 10 is an enlarged partial cross-sectional view thereof, taken along the lines 10-10 in FIG. 3 within the boundaries of lines 10'-10' in FIG. 1;

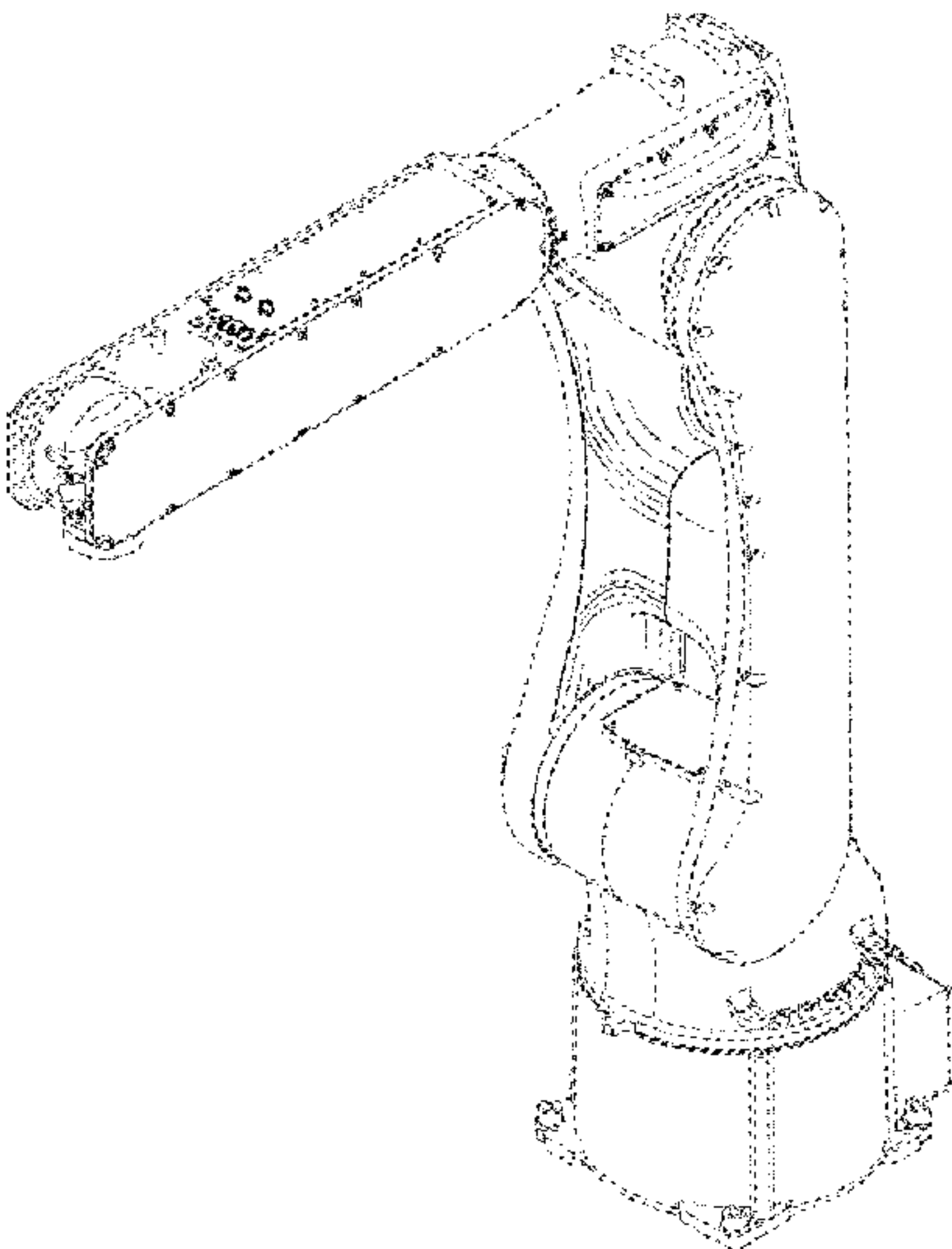
FIG. 11 is an enlarged cross-sectional view thereof, taken along the lines 11- 11 in FIG. 1; and,

FIG. 12 is an enlarged partial cross-sectional view thereof, taken along the lines 12-12 in FIG. 1 within the boundaries of lines 12'-12' in FIG. 1.

The broken lines show portions of the industrial robot that form no part of the claimed design.

The broken lines having alternating long and short segments define bounds of the claimed design and form no part thereof.

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**
CPC B25J 9/1674; B25J 9/1697; B25J 13/089;
B25J 13/086; B25J 13/08; B25J 19/06;
B25J 19/021; B25J 13/006; B25J 5/007;
G05D 1/0022; G05D 1/0248; Y10S
901/01
See application file for complete search history.

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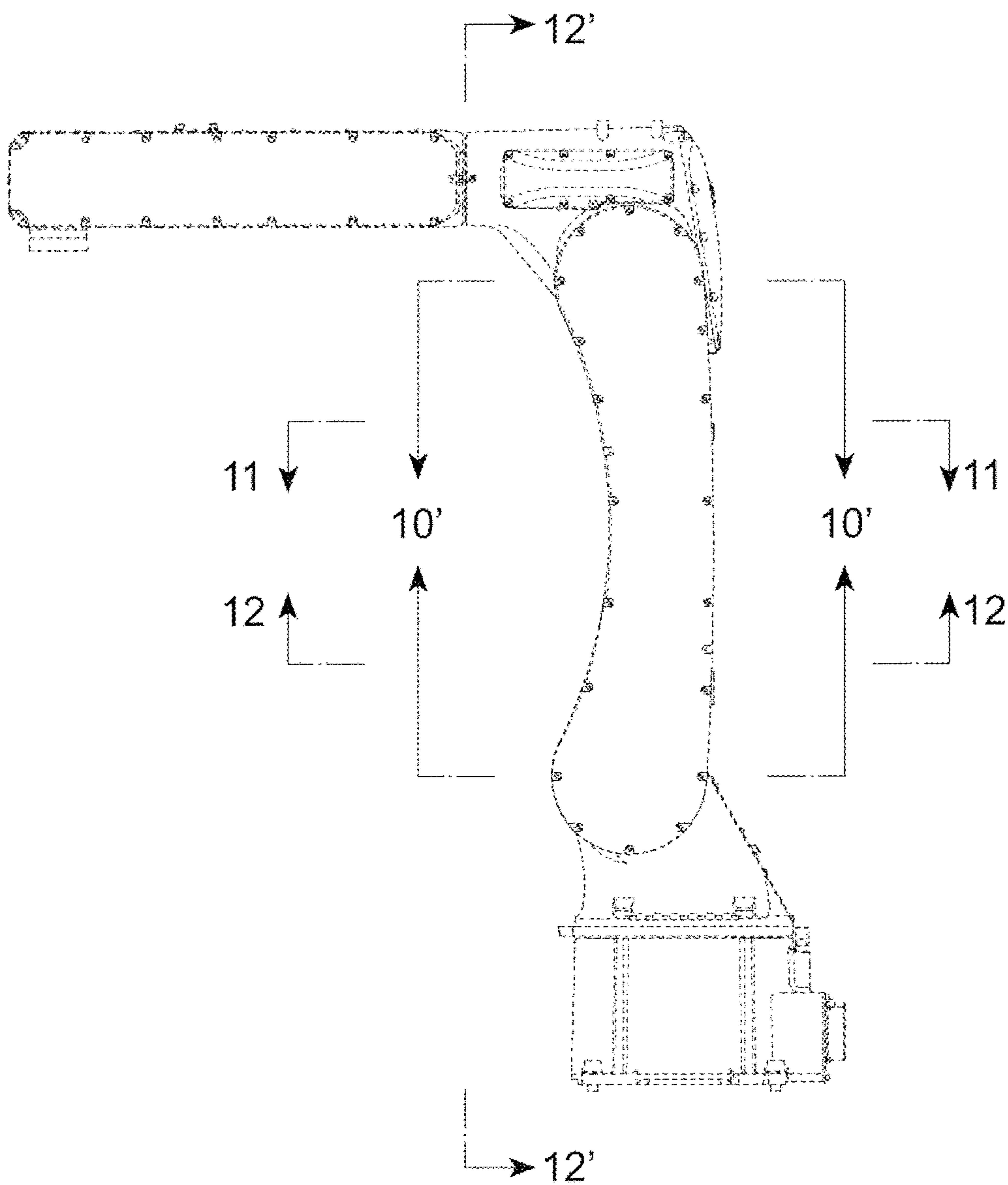


FIG. 1

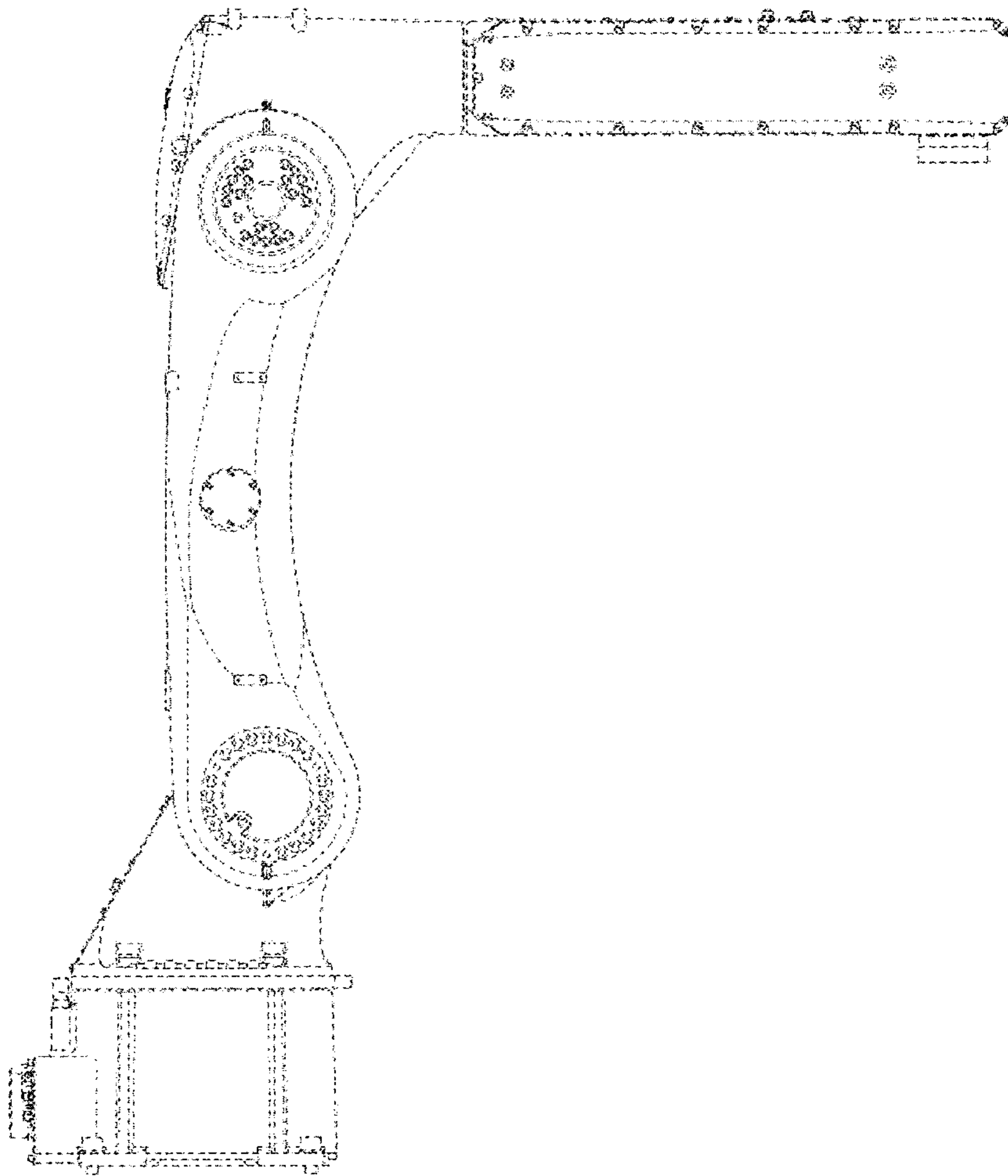


FIG. 2

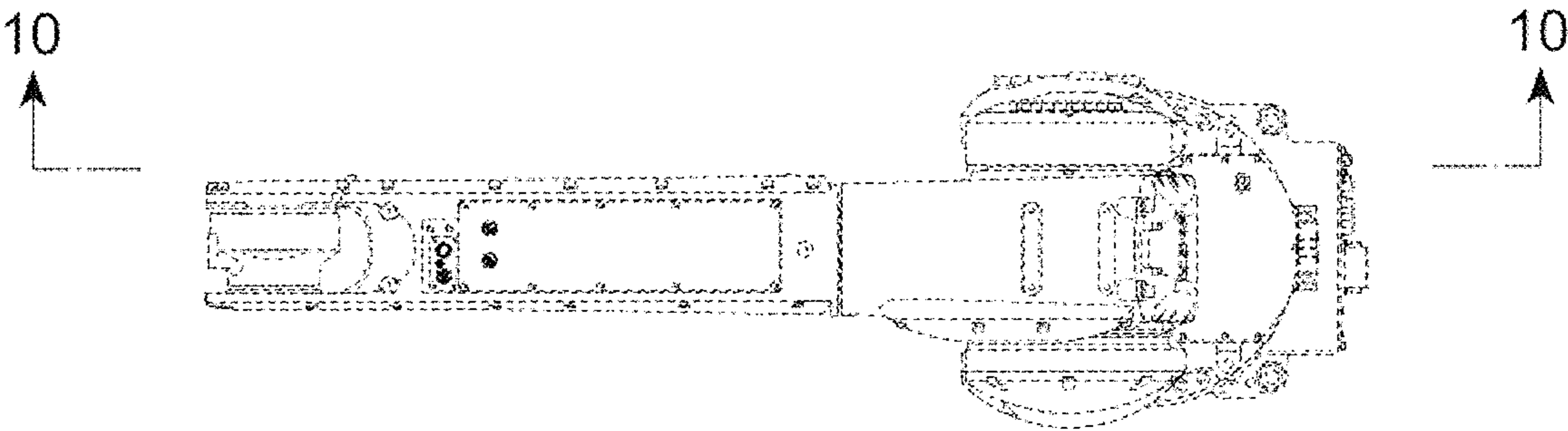


FIG. 3

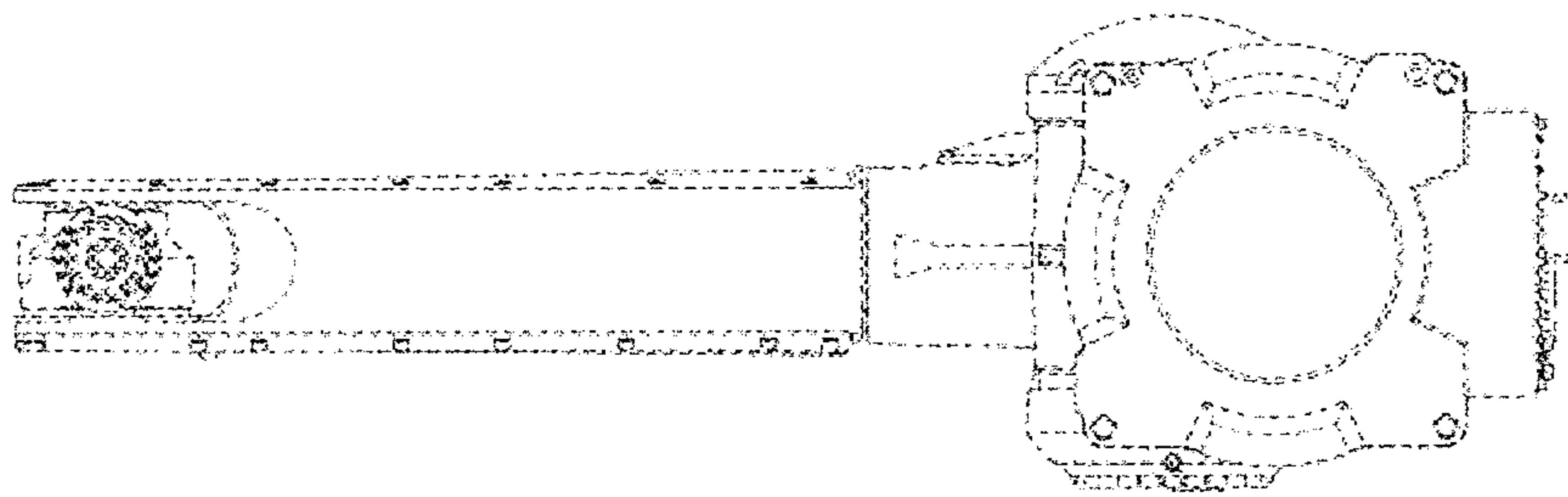


FIG. 4

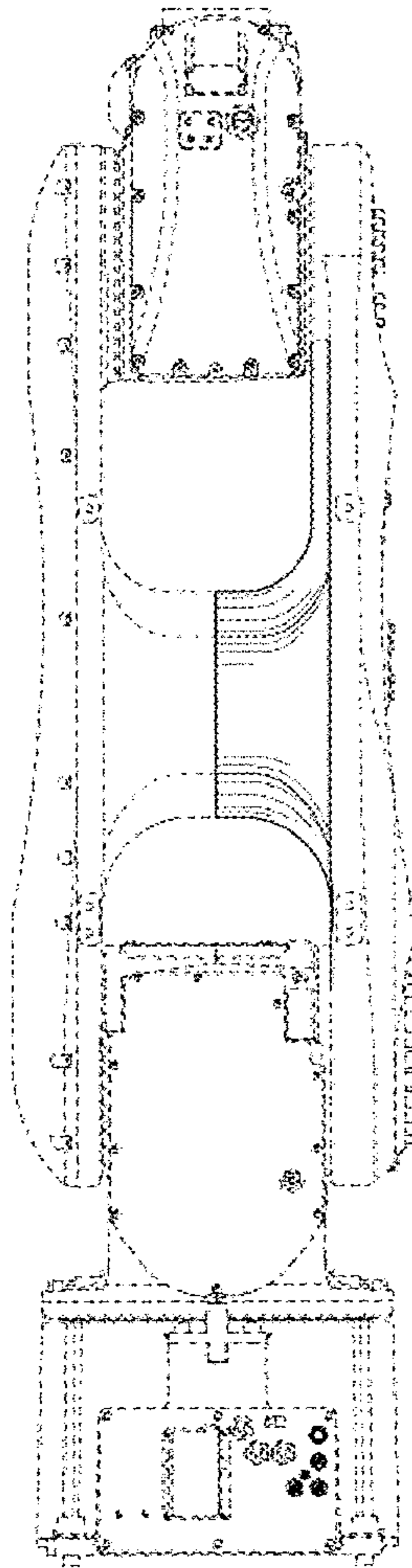


FIG. 5

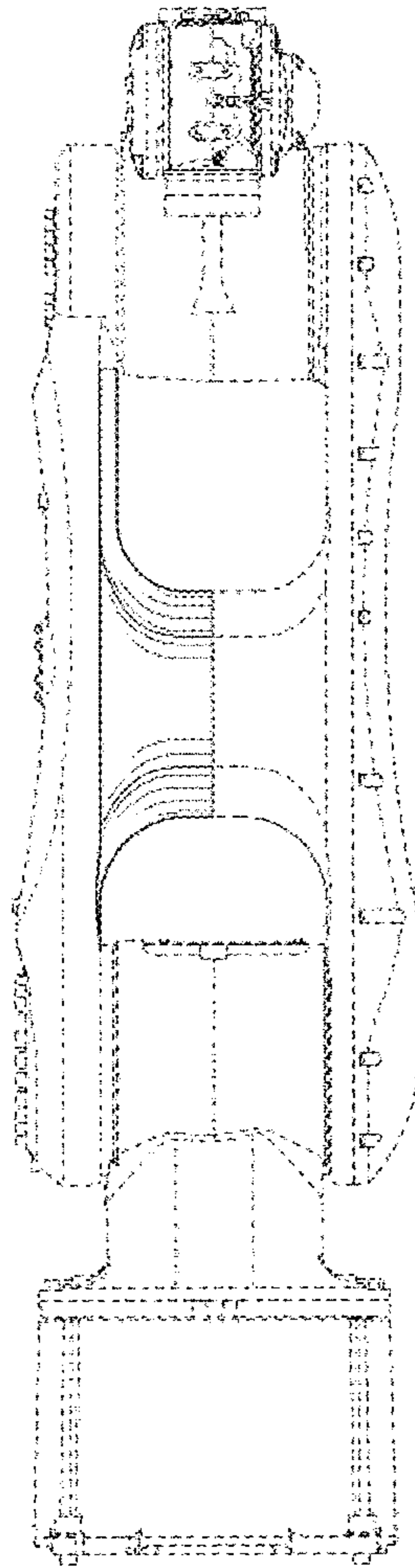


FIG. 6

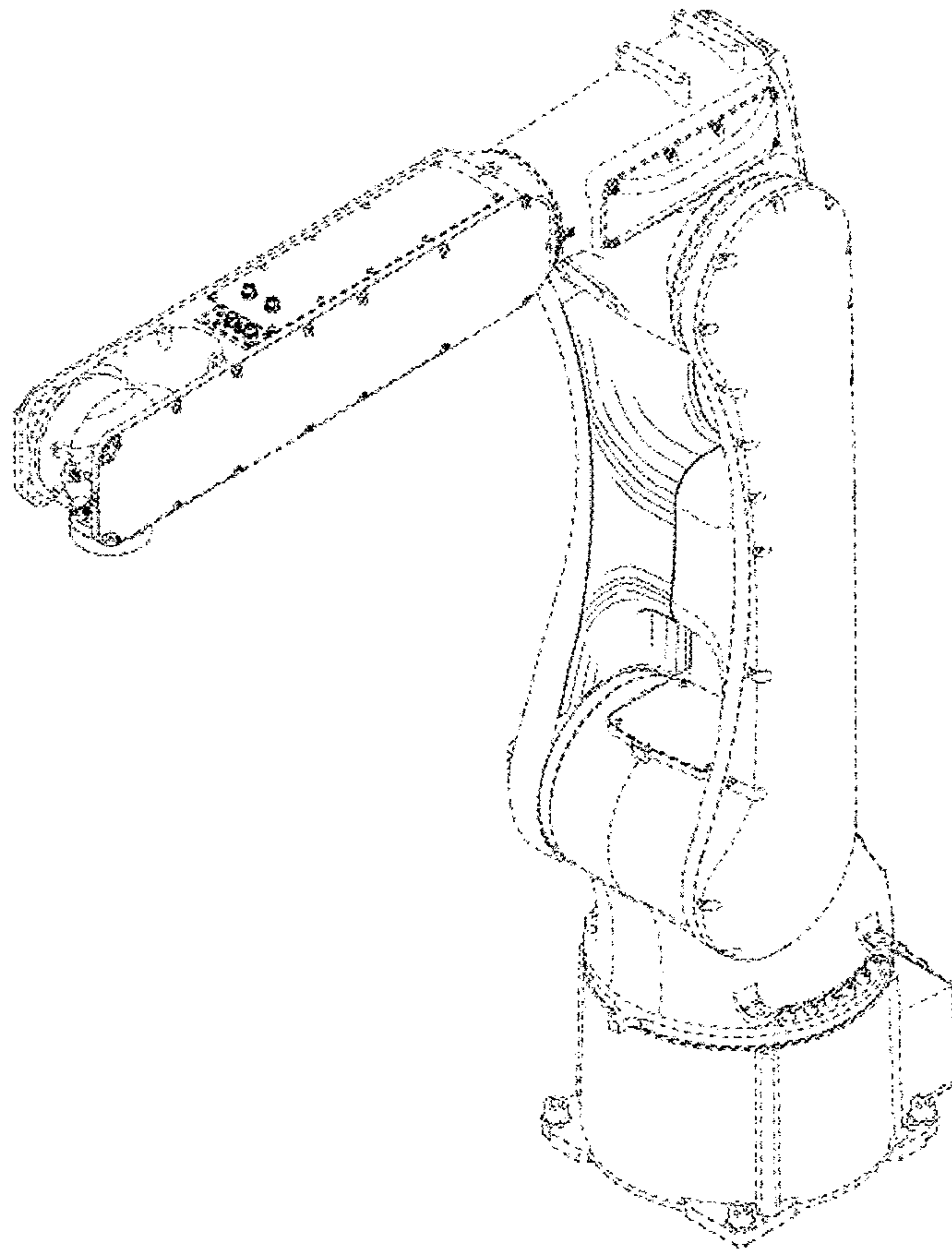


FIG. 7

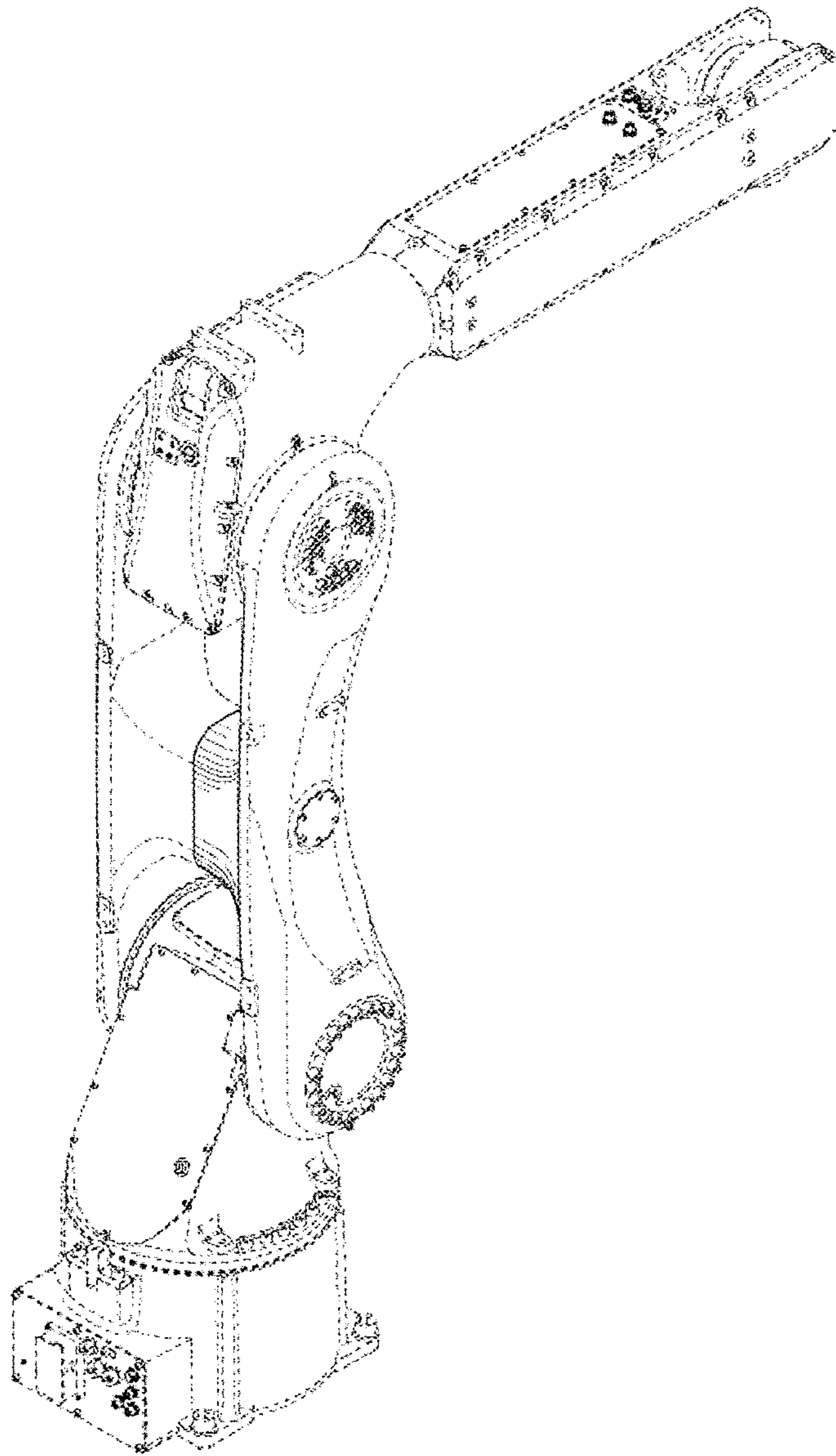


FIG. 8

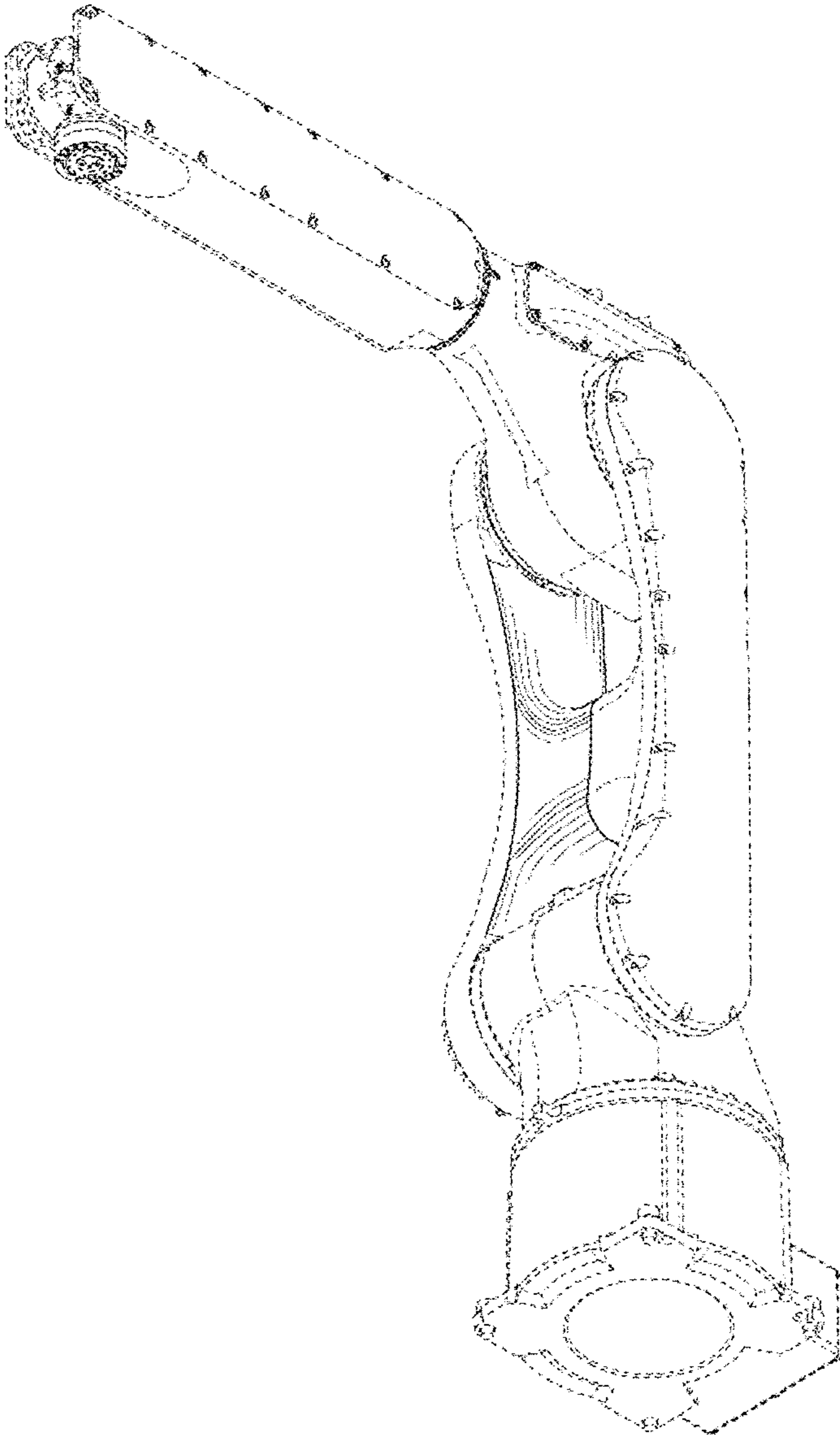


FIG. 9

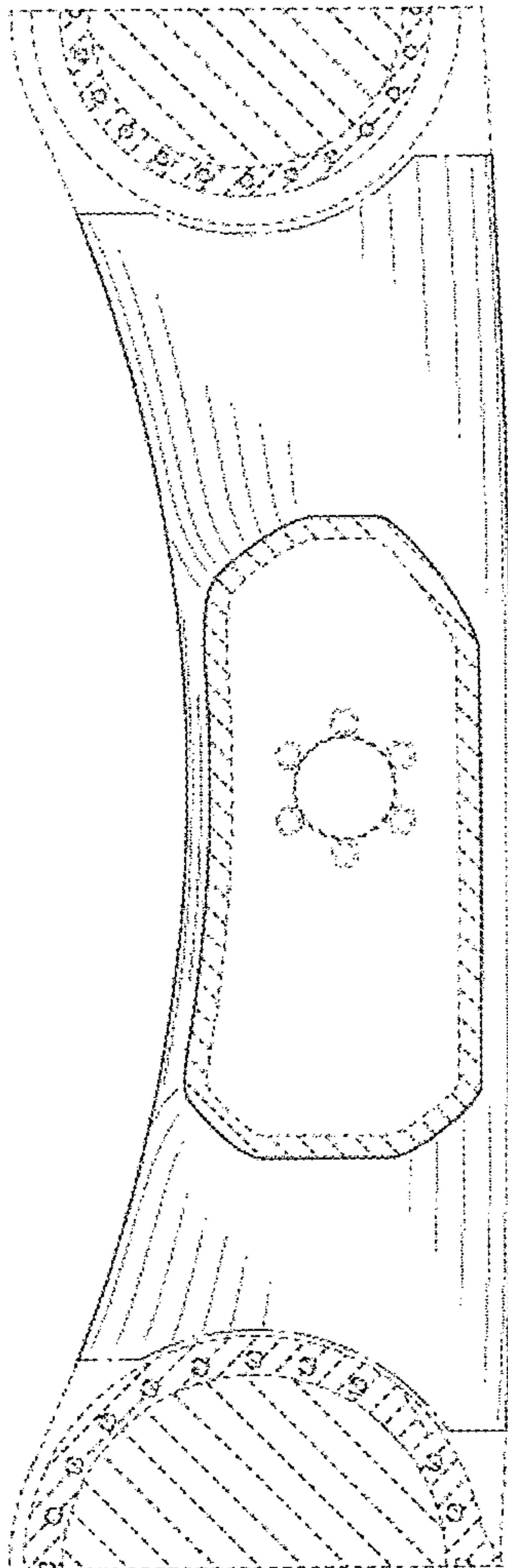


FIG. 10

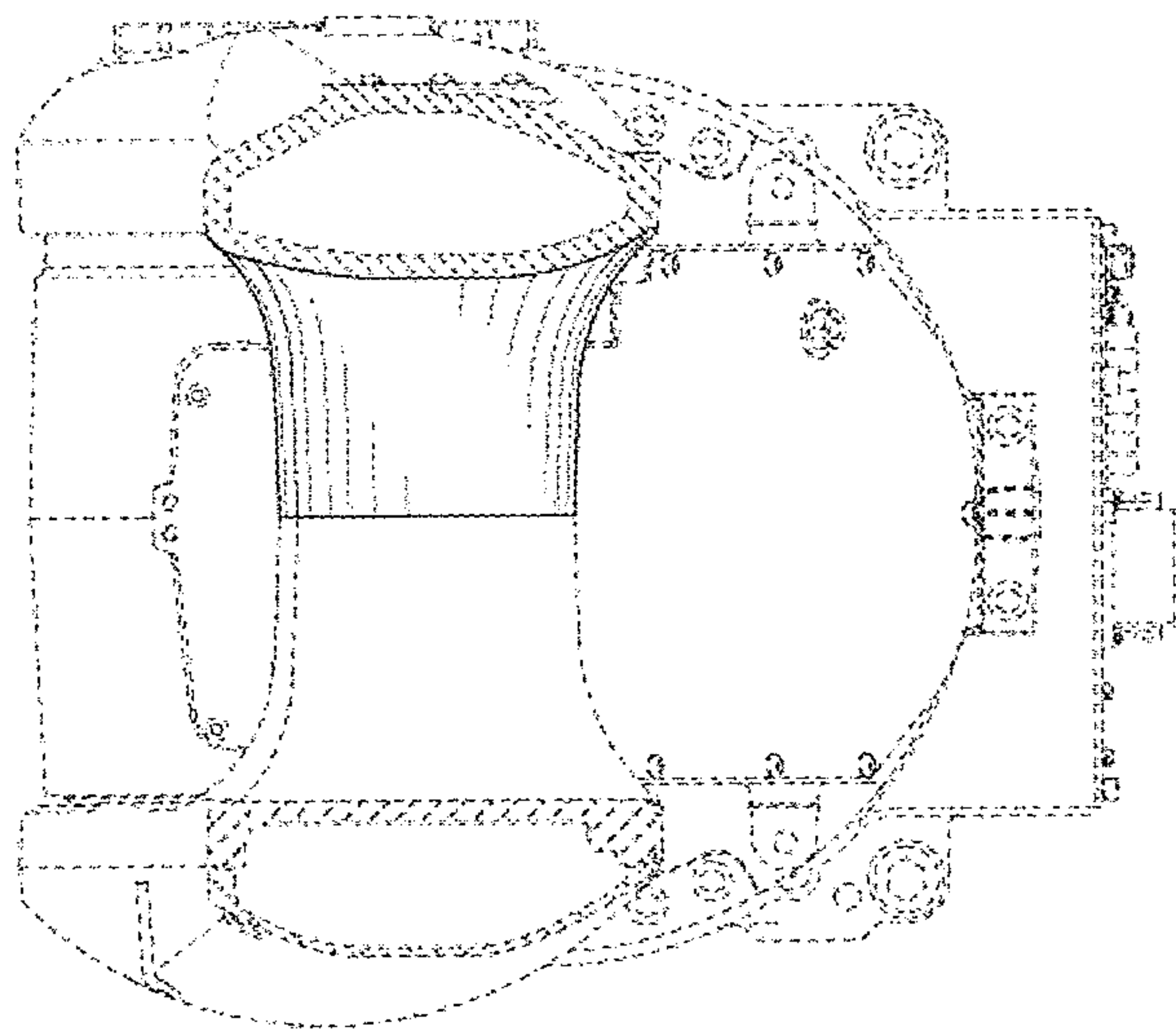


FIG. 11

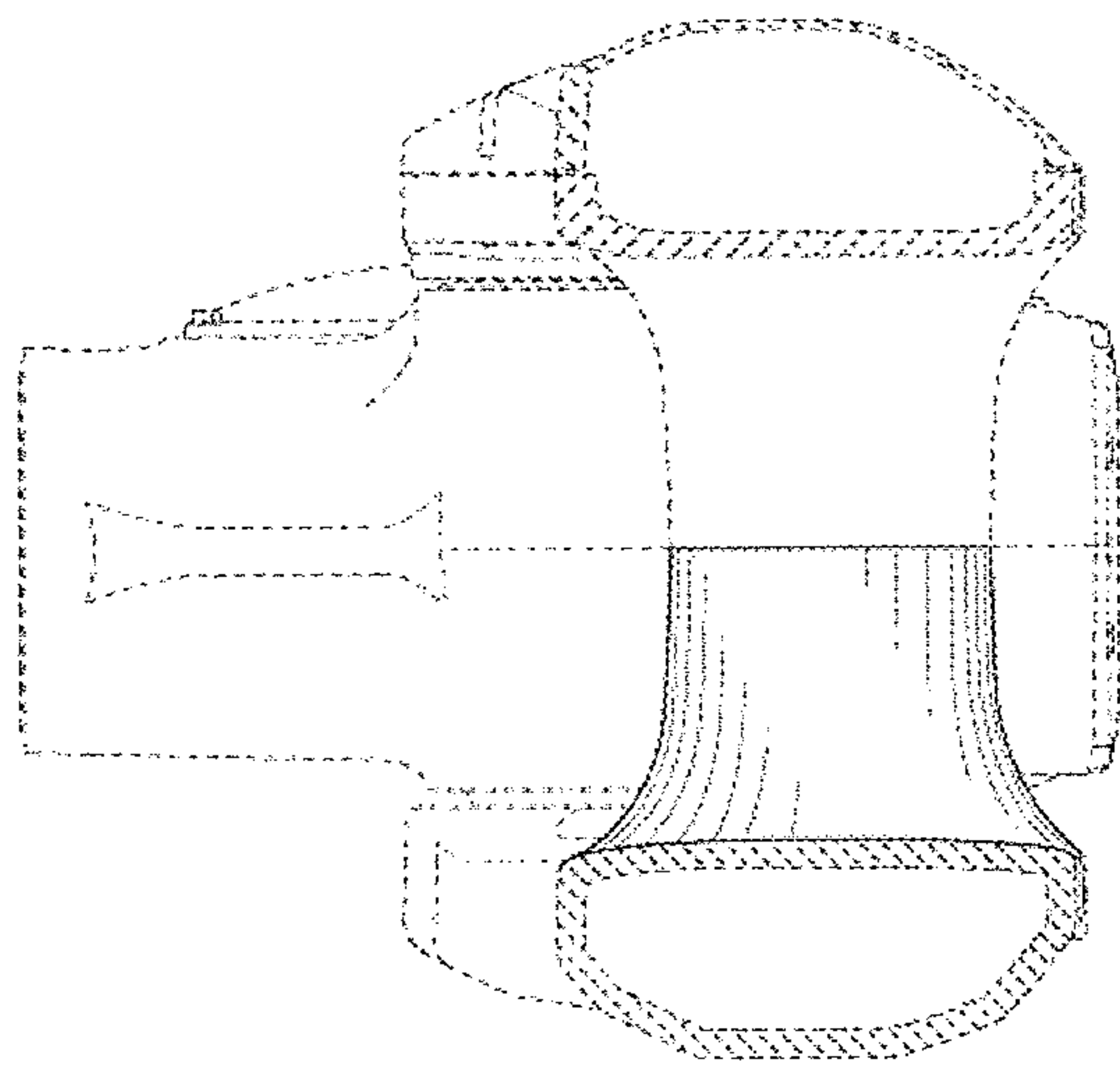


FIG. 12