



US00D915487S

(12) **United States Design Patent** (10) **Patent No.:** **US D915,487 S**
Sell (45) **Date of Patent:** ** **Apr. 6, 2021**

(54) **ROBOTIC ARM**(71) Applicant: **Universal Robots A/S**, Odense S. (DK)(72) Inventor: **Lasse Eg Sell**, Tommerup (DK)(73) Assignee: **UNIVERSAL ROBOTS A/S**, Odense S (DK)(**) Term: **15 Years**(21) Appl. No.: **29/722,491**(22) Filed: **Jan. 30, 2020**(30) **Foreign Application Priority Data**

Sep. 7, 2019 (EM) 006841169

(51) **LOC (13) Cl.** **15-99**(52) **U.S. Cl.**USPC **D15/199**(58) **Field of Classification Search**USPC D15/122, 199; D21/578-583; D32/21;
D34/34

(Continued)

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Primary Examiner — Patricia A Palasik(74) *Attorney, Agent, or Firm* — Burns & Levinson LLP

(57)

CLAIM

The ornamental design for a robotic arm, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a robotic arm having its components arranged in a first configuration.

FIG. 2 is a right side view of the robotic arm having its components arranged in the first configuration.

FIG. 3 is a left side of the robotic arm having its components arranged in the first configuration.

FIG. 4 is a back view of the robotic arm having its components arranged in the first configuration.

FIG. 5 is a front perspective view of the robotic arm having its components arranged in the first configuration.

FIG. 6 is a back perspective view of the robotic arm having its components arranged in the first configuration.

FIG. 7 is a top view of the robotic arm having its components arranged in the first configuration.

FIG. 8 is a front perspective view of the robotic arm having its components arranged in a second configuration.

FIG. 9 is a back perspective view of the robotic arm having its components arranged in the second configuration.

FIG. 10 is a front side view of the robotic arm having its components arranged in the second configuration.

FIG. 11 is a back side view of the robotic arm having its components arranged in the second configuration.

FIG. 12 is a top view of the robotic arm having its components arranged in the second configuration.

FIG. 13 is a right side view of the robotic arm having its components arranged in the second configuration.

FIG. 14 is a left side view of the robotic arm having its components arranged in the second configuration.

FIG. 15 is a front perspective view of the robotic arm having its components arranged in a third configuration.

FIG. 16 is a back perspective view of the robotic arm having its components arranged in the third configuration.

FIG. 17 is a left side view of the robotic arm having its components arranged in the third configuration.

FIG. 18 is a right side view of the robotic arm having its components arranged in the third configuration.

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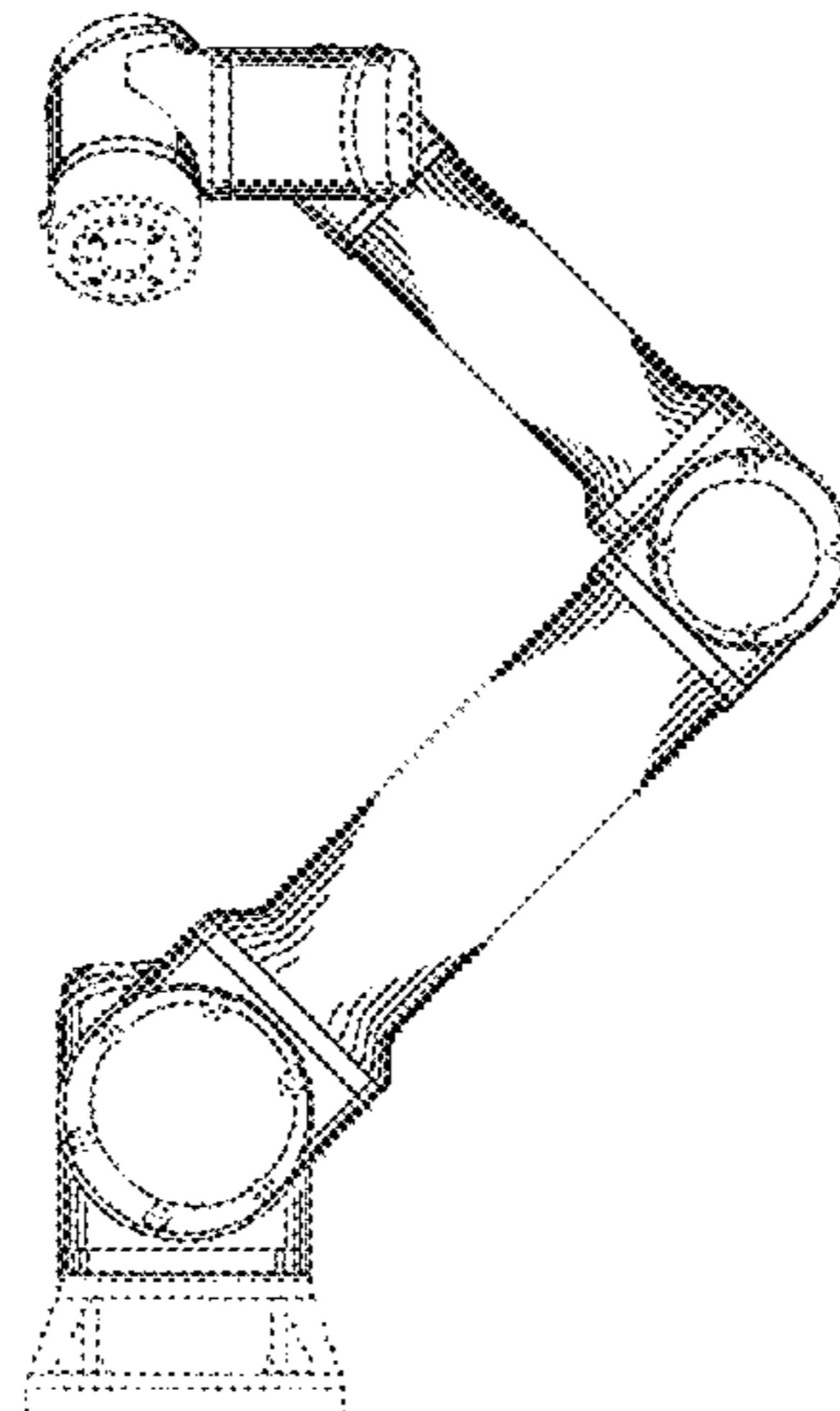


FIG. 19 is a back view of the robotic arm having its components arranged in the third configuration.
 FIG. 20 is a front view of the robotic arm having its components arranged in the third configuration.
 FIG. 21 is a top view of the robotic arm having its components arranged in the third configuration.
 FIG. 22 is a left perspective view of the robotic arm having its components arranged in a fourth configuration.
 FIG. 23 is a right perspective view of the robotic arm having its components arranged in the fourth configuration.
 FIG. 24 is a front side view of the robotic arm having its components arranged in the fourth configuration.
 FIG. 25 is a back side view of the robotic arm having its components arranged in the fourth configuration.
 FIG. 26 is a left side view of the robotic arm having its components arranged in the fourth configuration.
 FIG. 27 is a right side view of the robotic arm having its components arranged in the fourth configuration; and,
 FIG. 28 is a top view of the robotic arm having its components arranged in the fourth configuration.
 The broken or dotted lines in the figures depict portions of the robotic arm and form no part of the claimed design.

1 Claim, 28 Drawing Sheets

(58) Field of Classification Search

CPC B25J 9/046; B25J 9/042; B25J 9/06; H01L
21/67766

See application file for complete search history.

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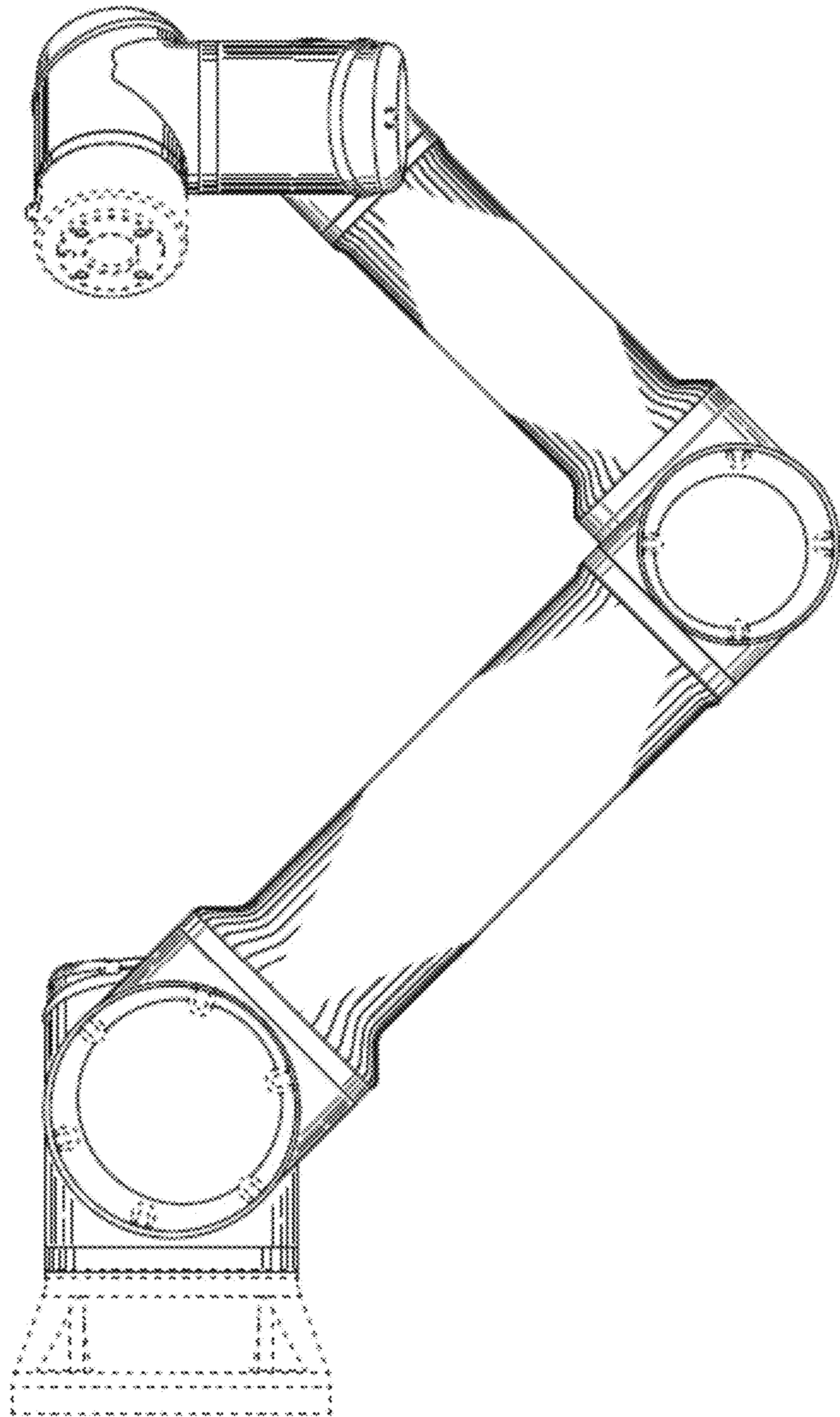


FIG. 1

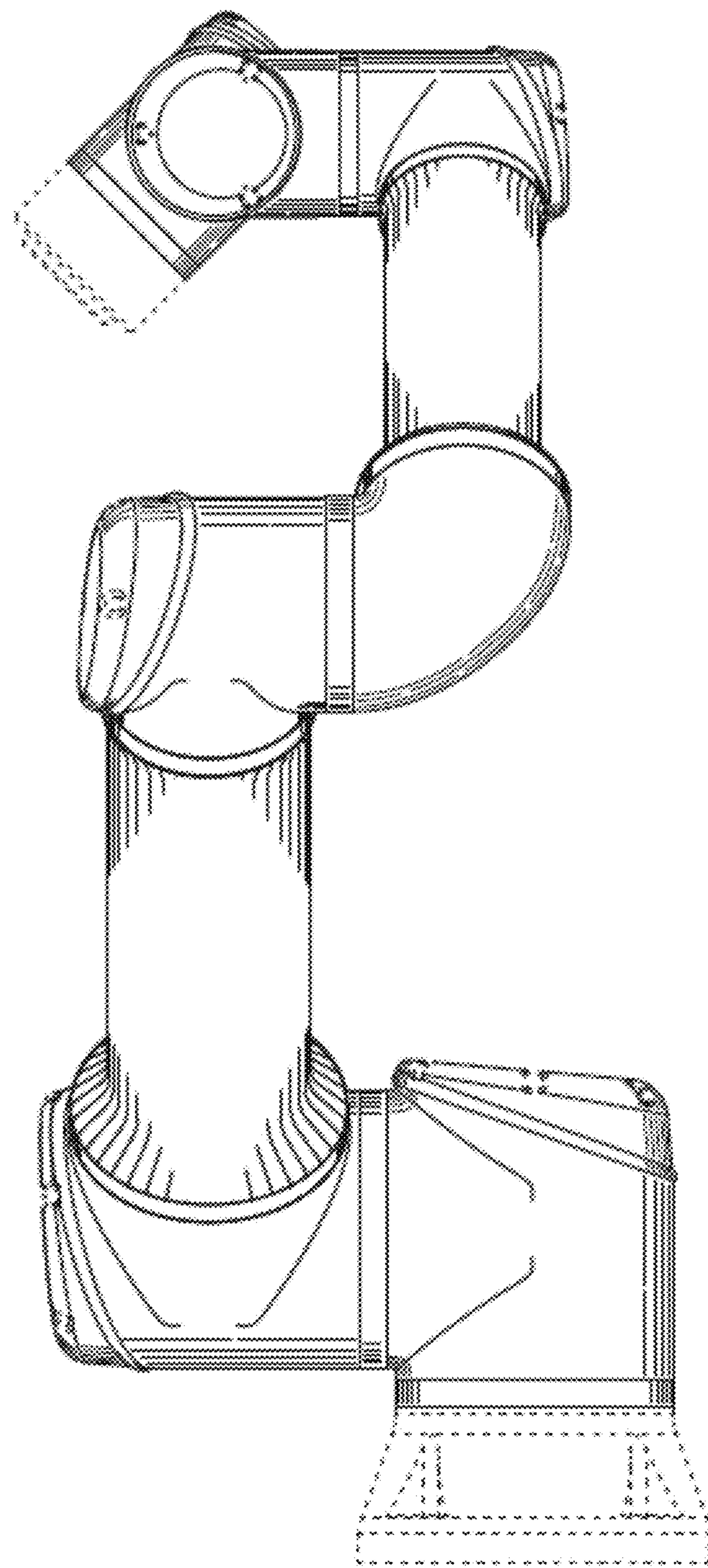


FIG. 2

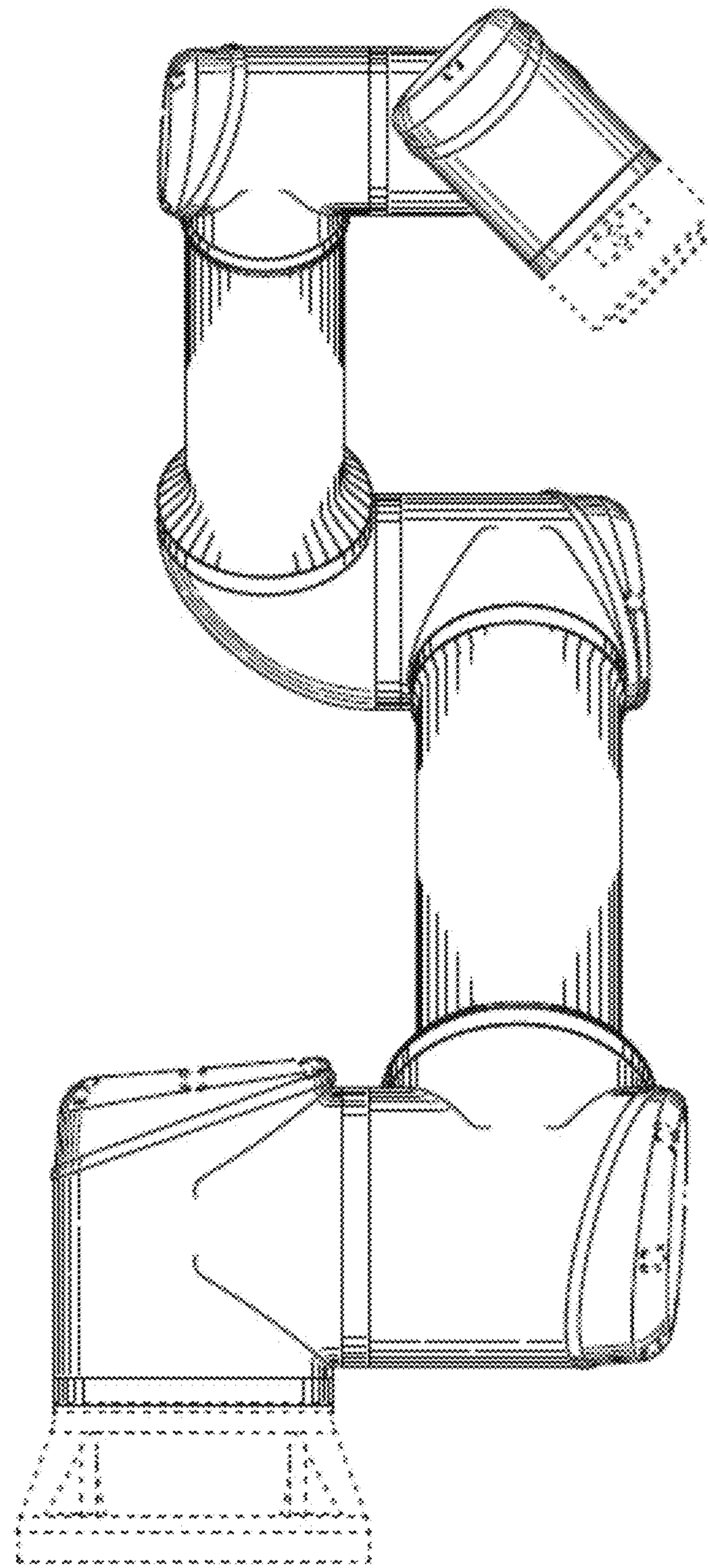


FIG. 3

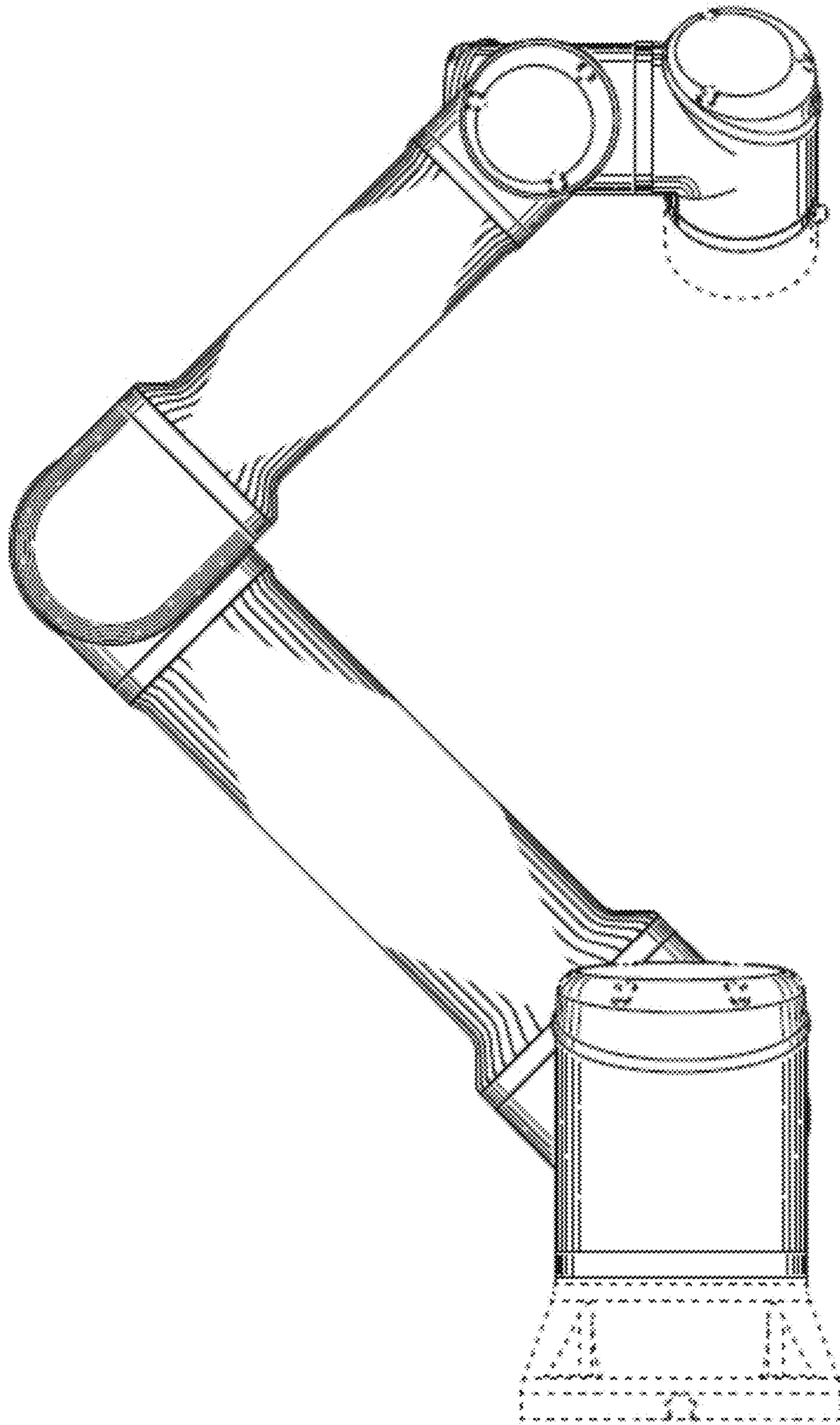


FIG. 4

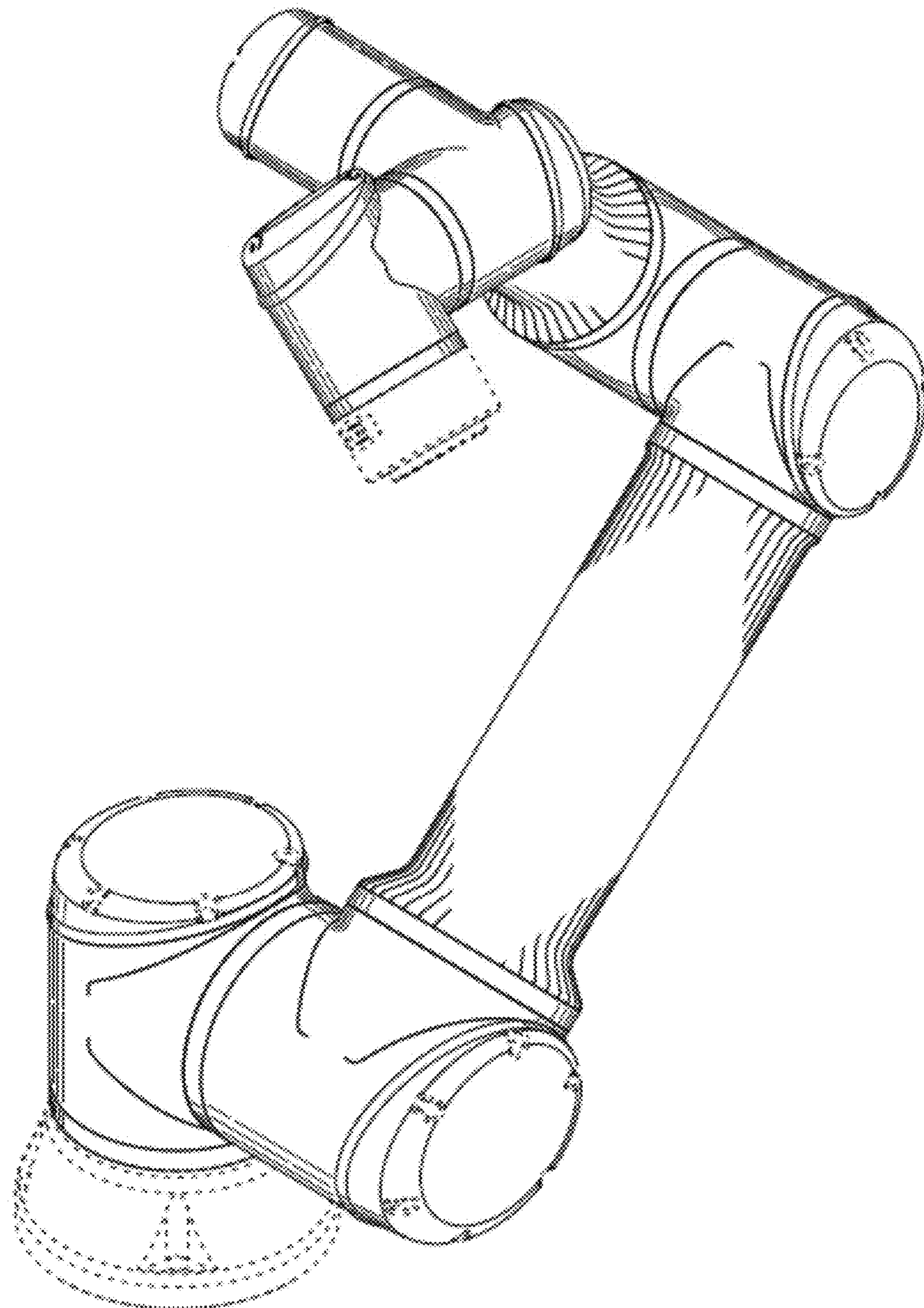


FIG. 5

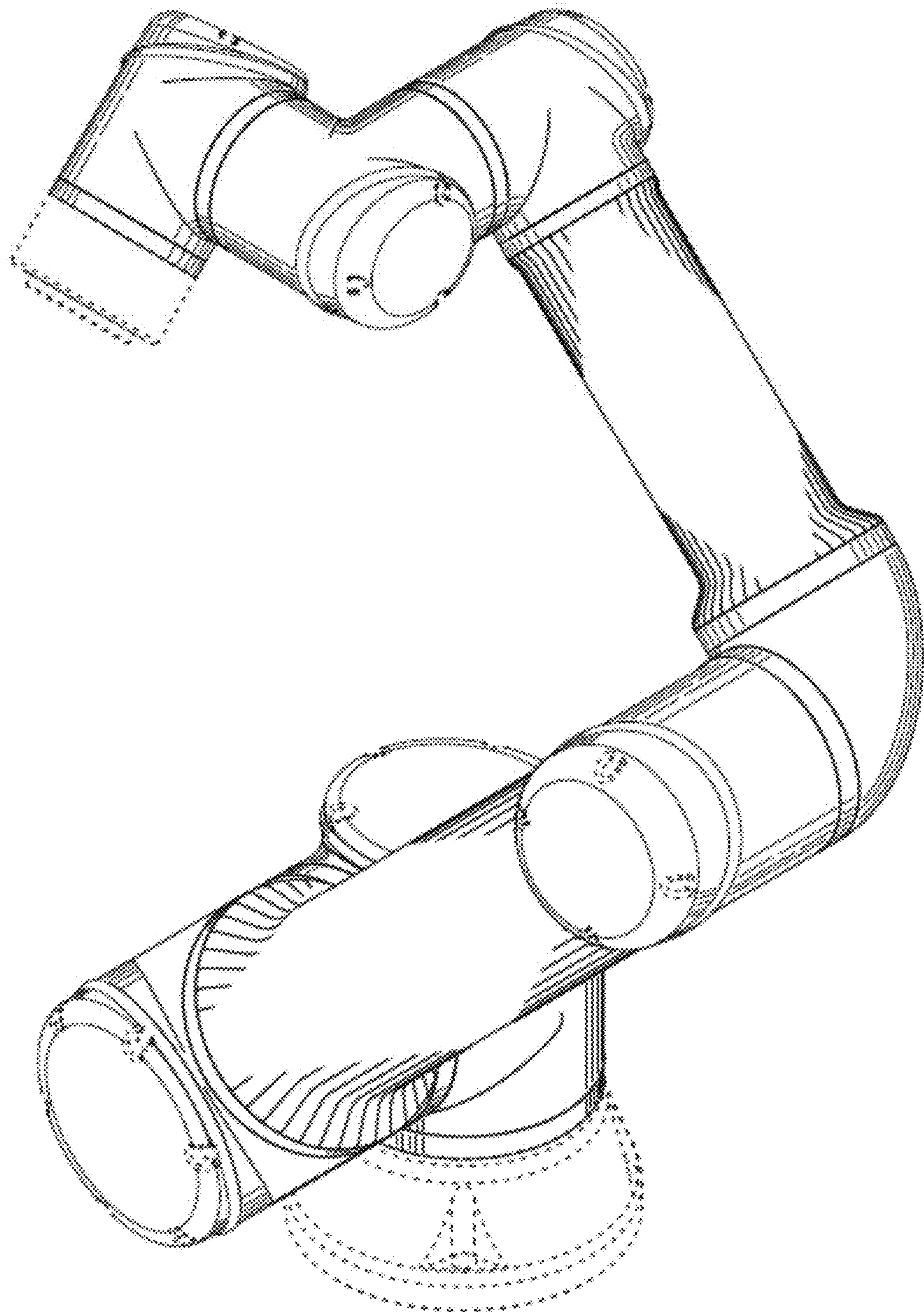


FIG. 6

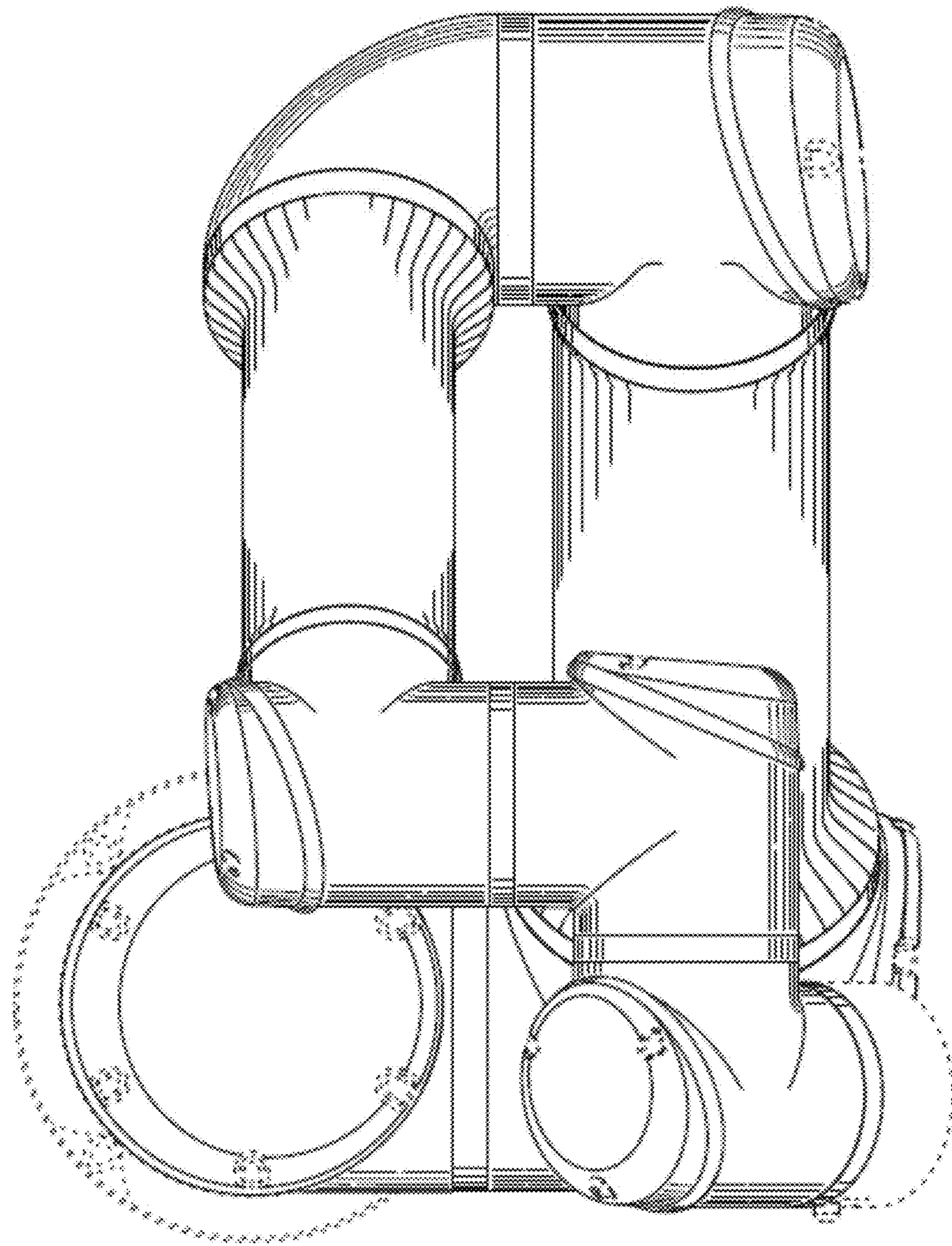


FIG. 7

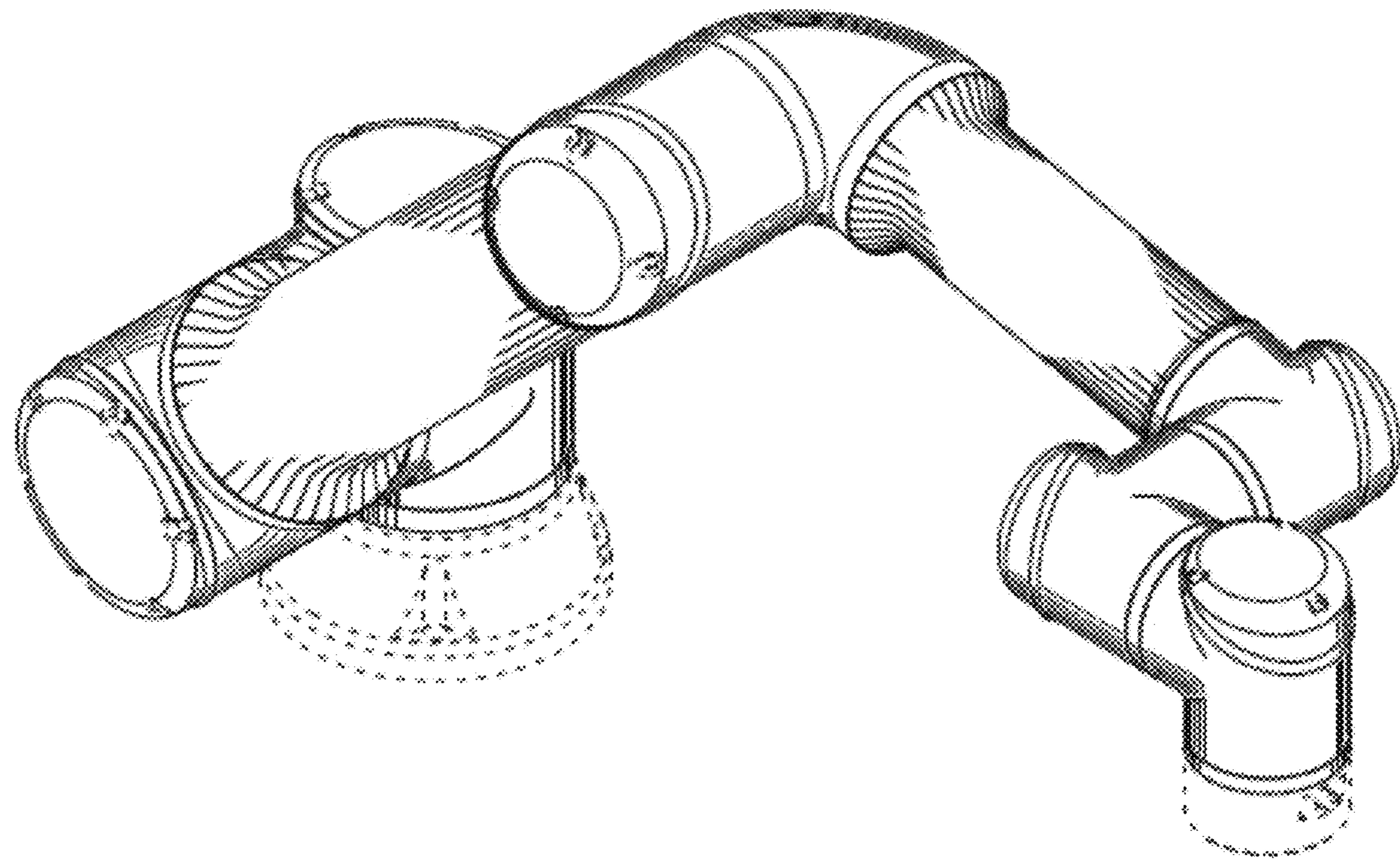


FIG. 8

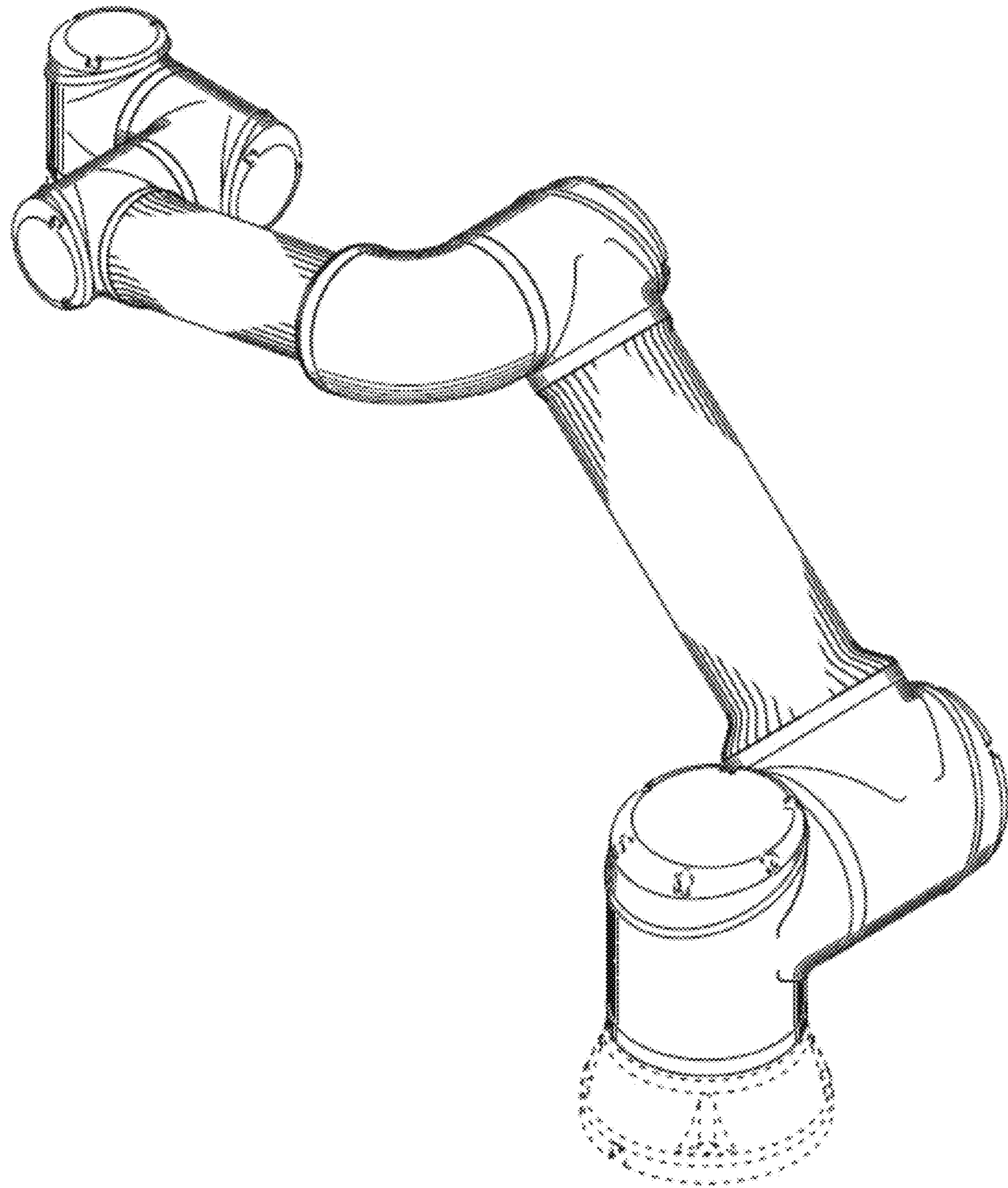


FIG. 9

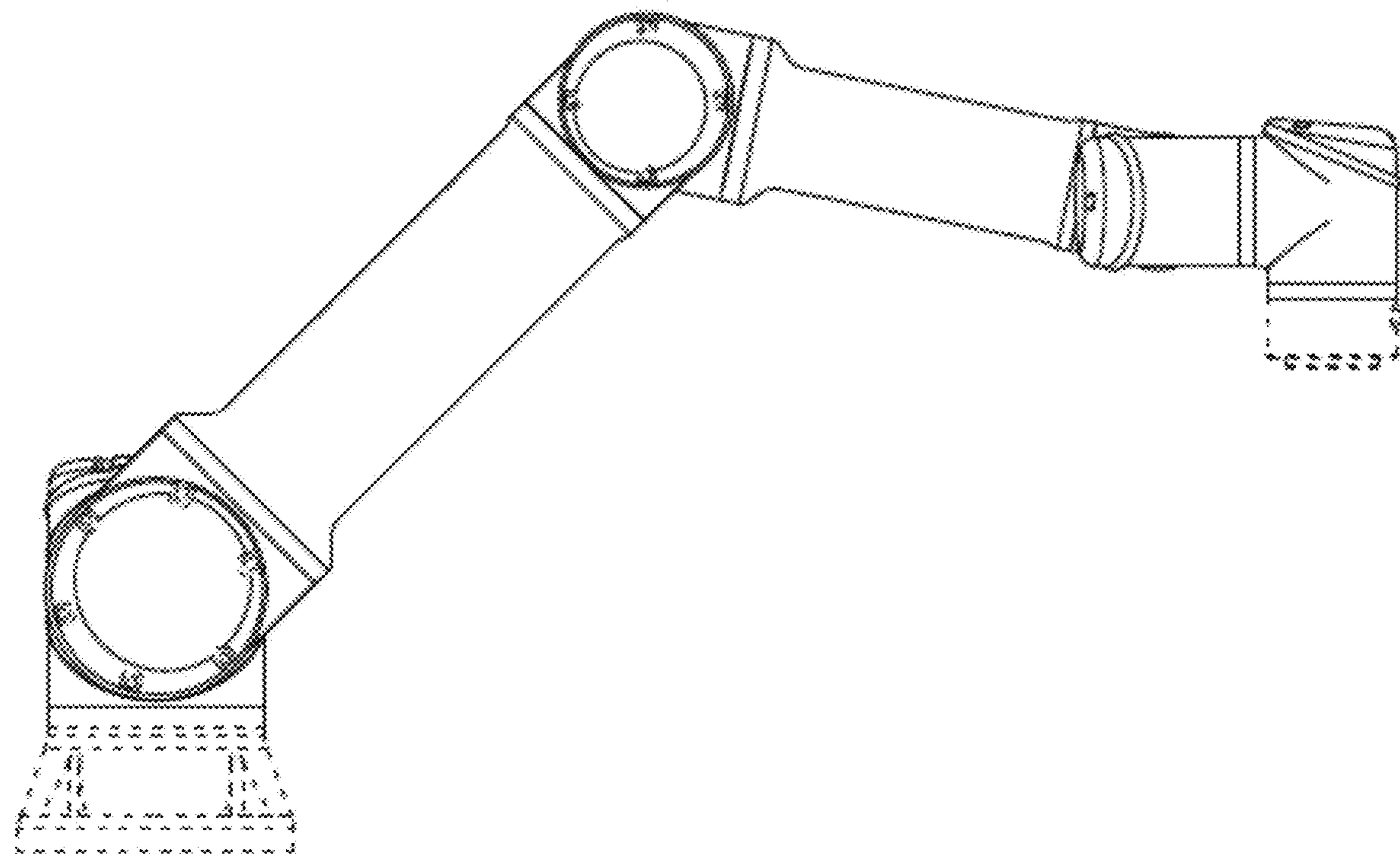


FIG. 10

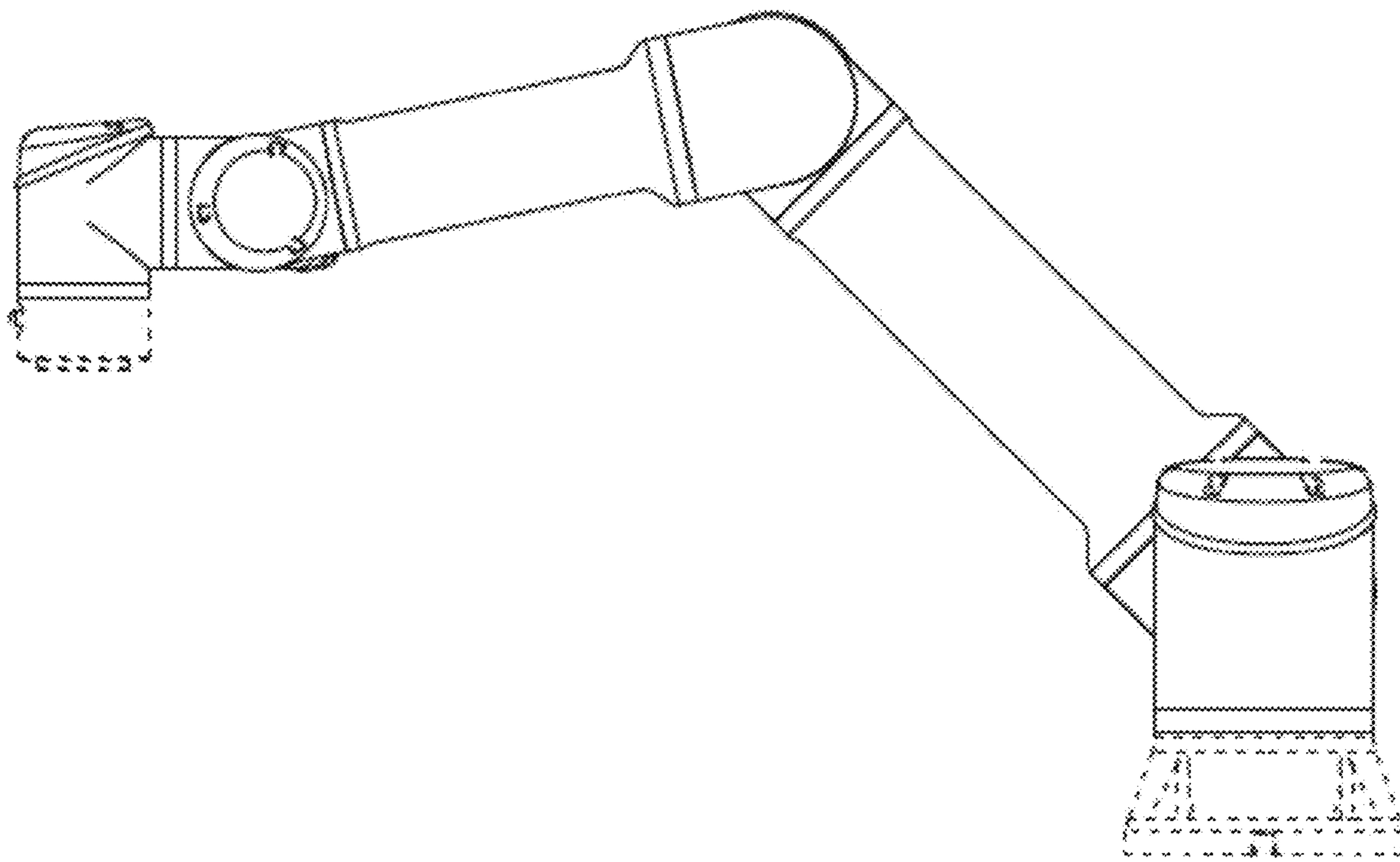


FIG. 11

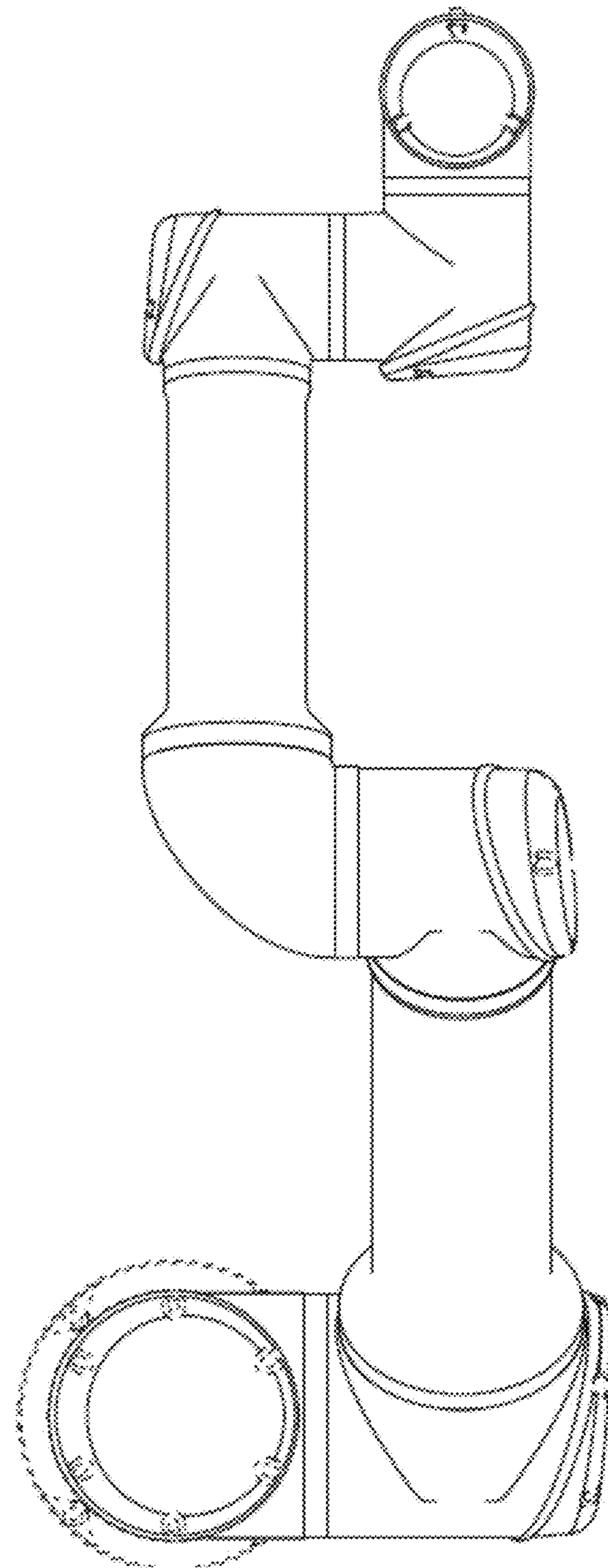
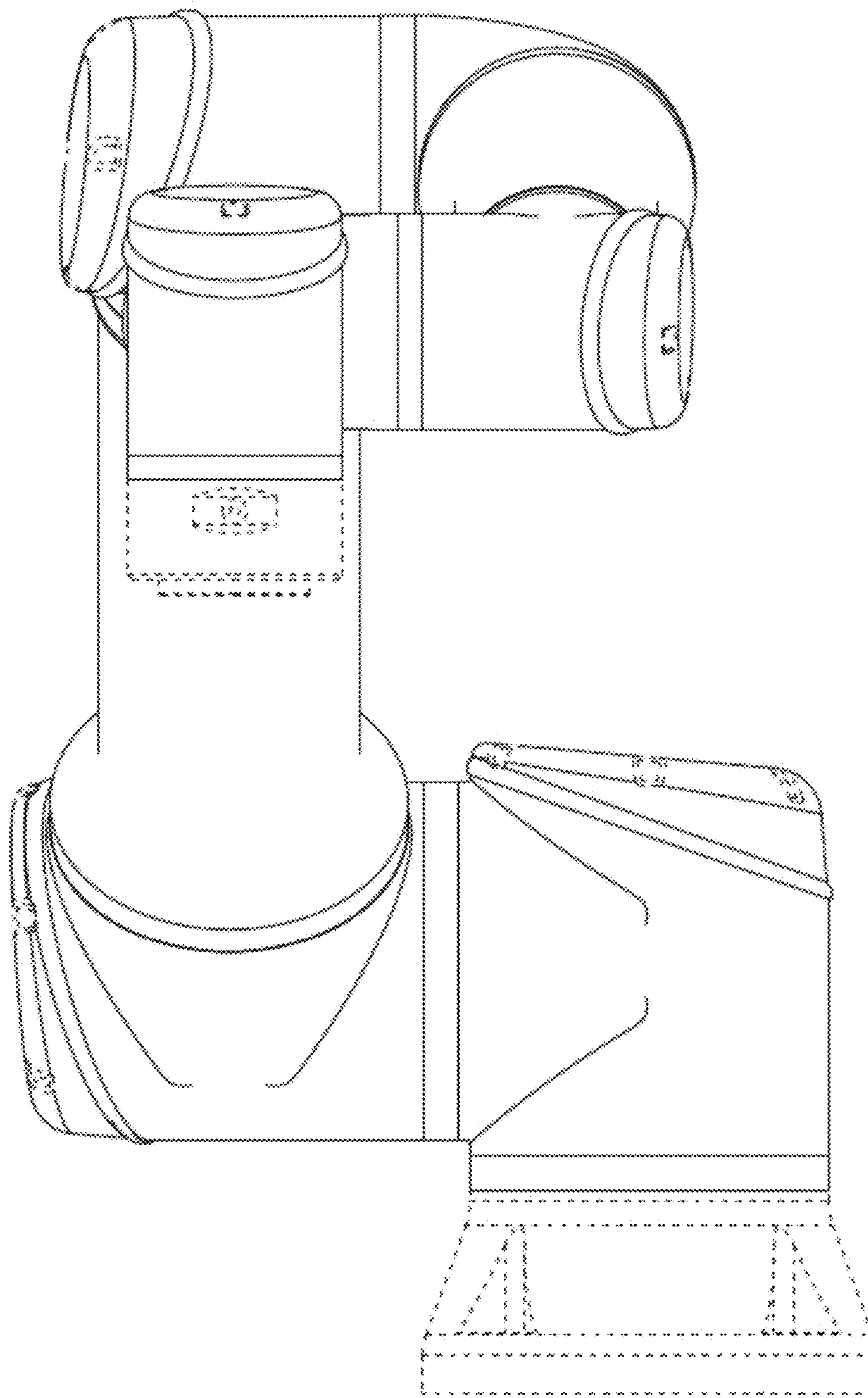


FIG. 12

**FIG. 13**

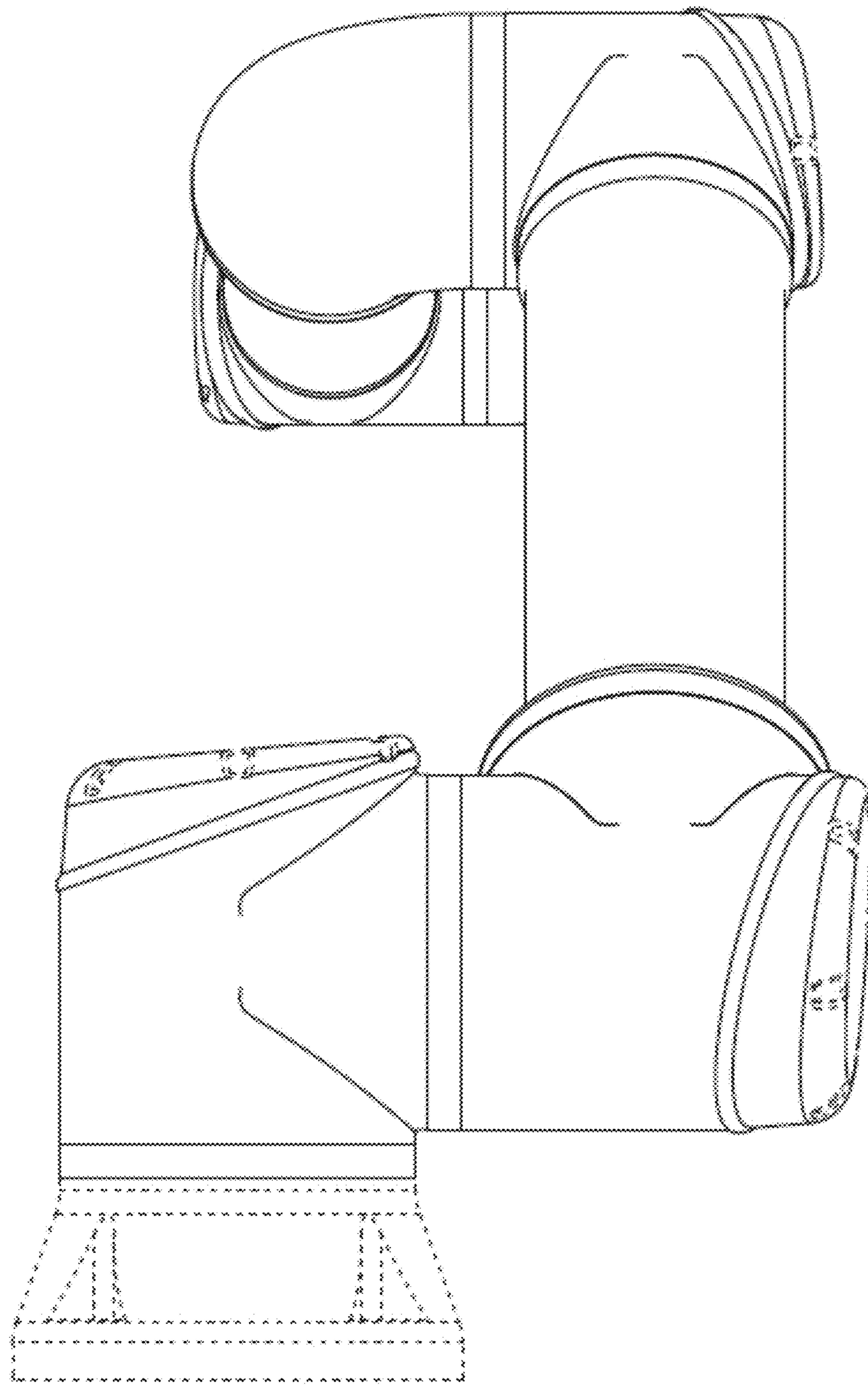


FIG. 14

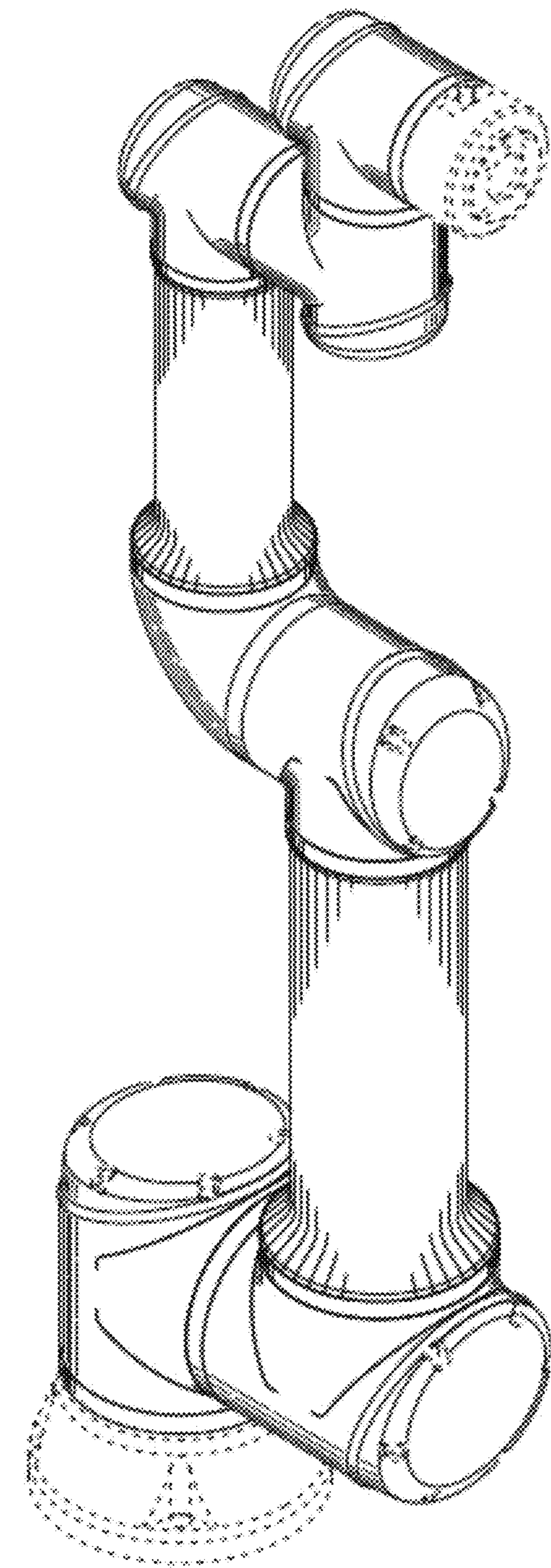


FIG. 15

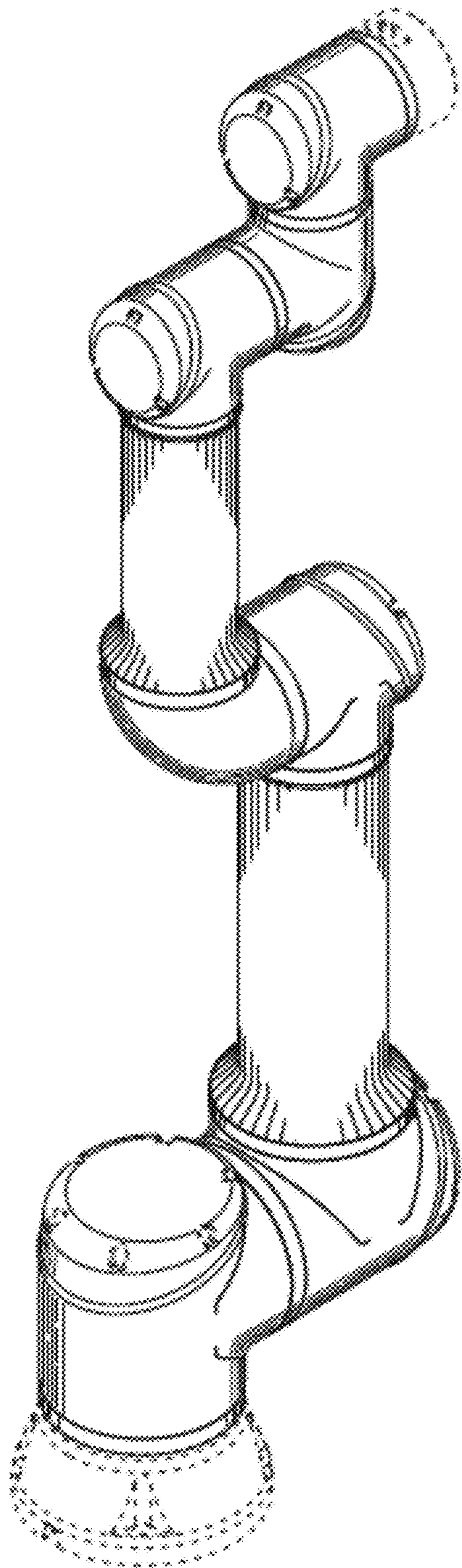
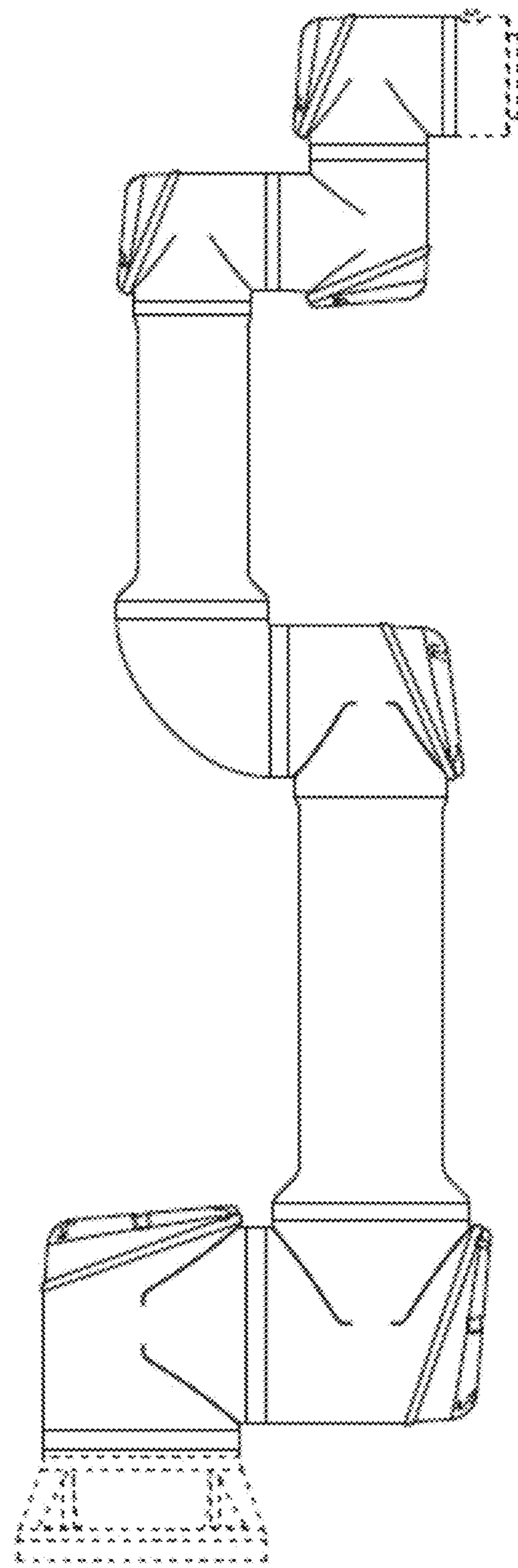


FIG. 16

**FIG. 17**

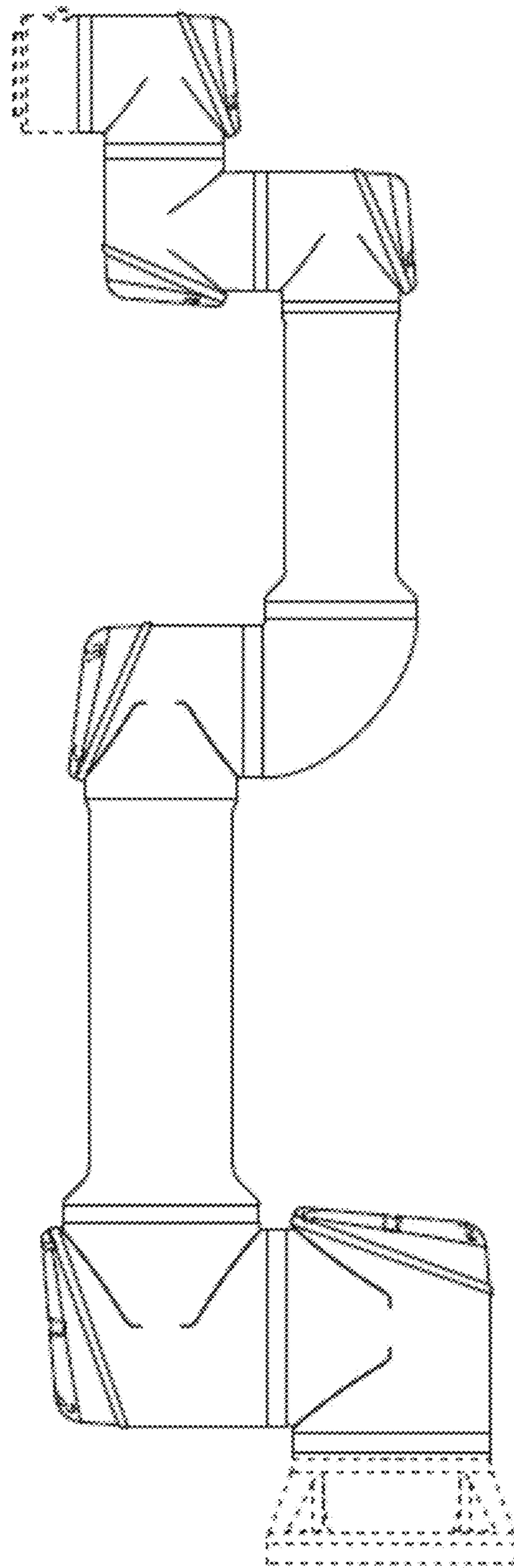


FIG. 18

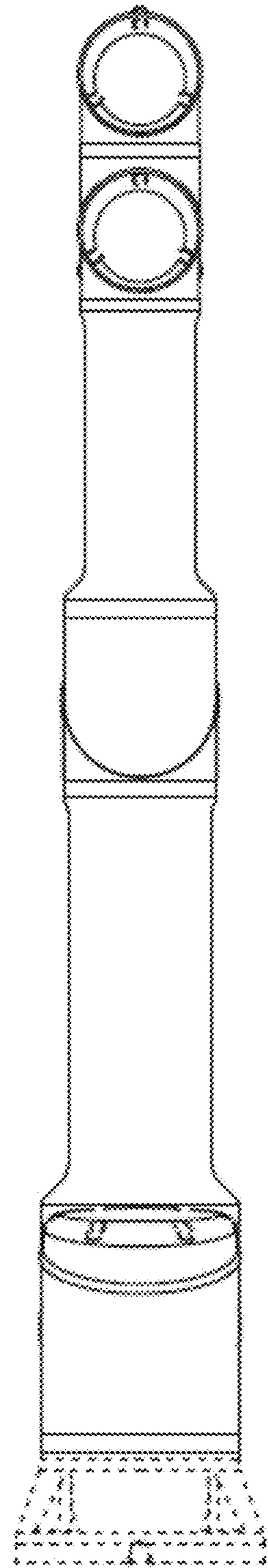


FIG. 19

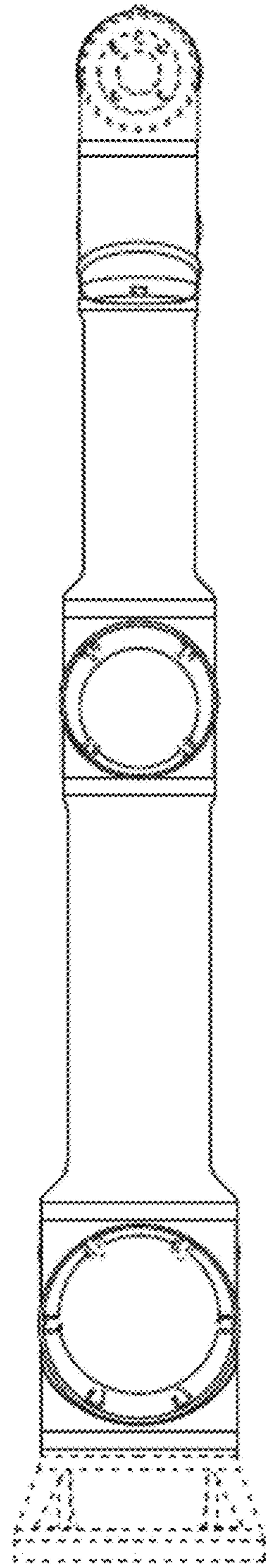


FIG. 20

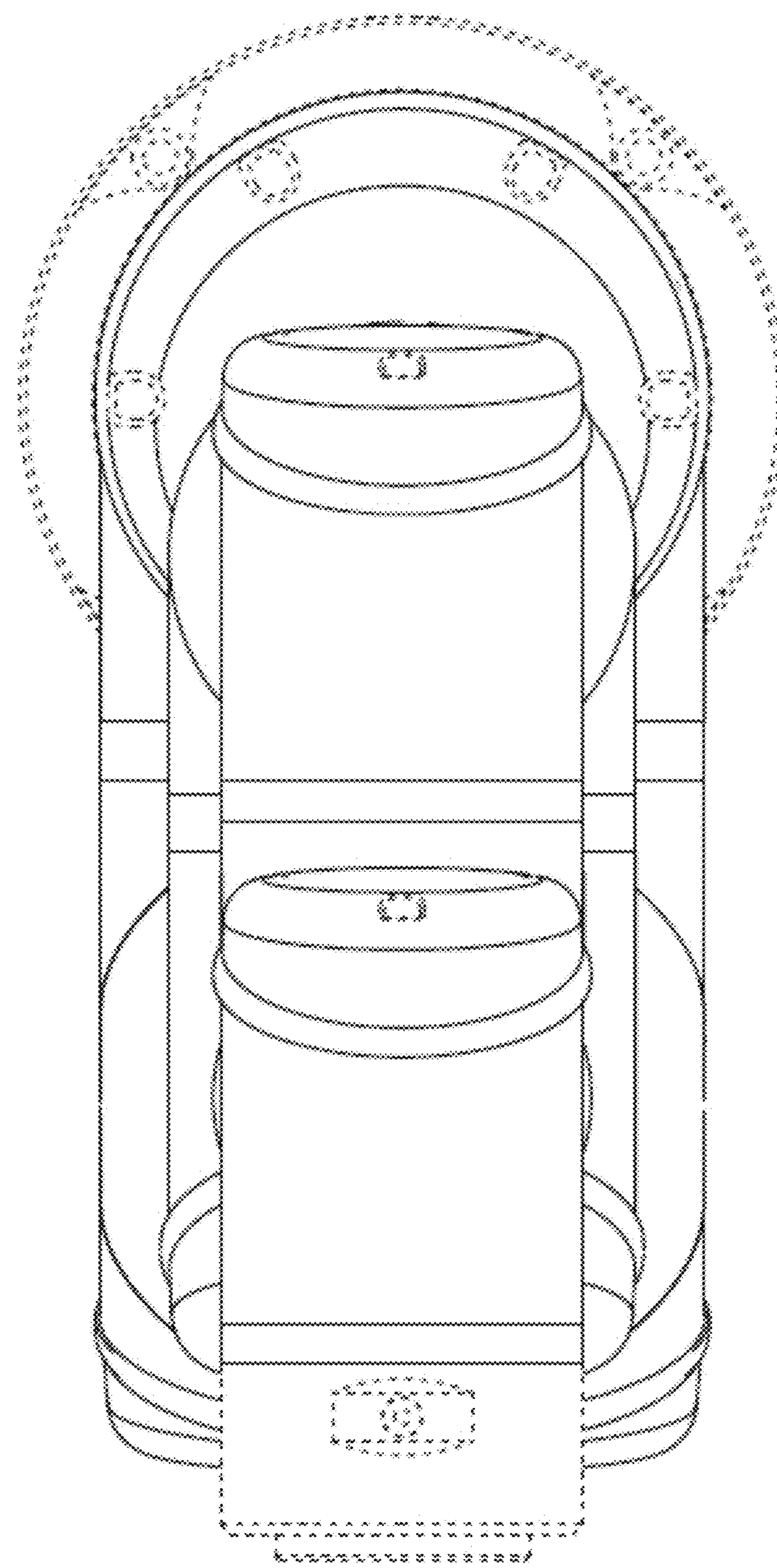


FIG. 21

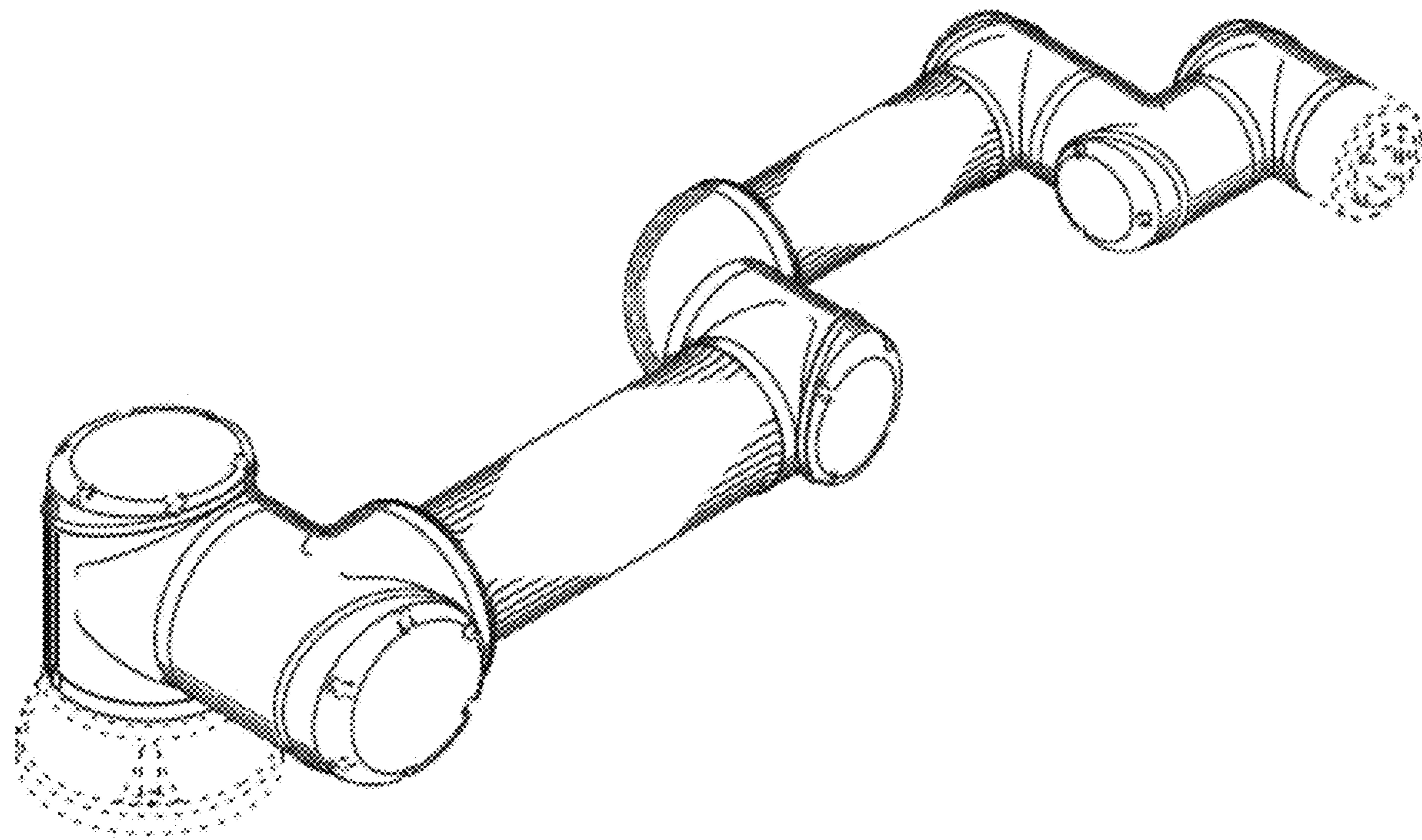


FIG. 22

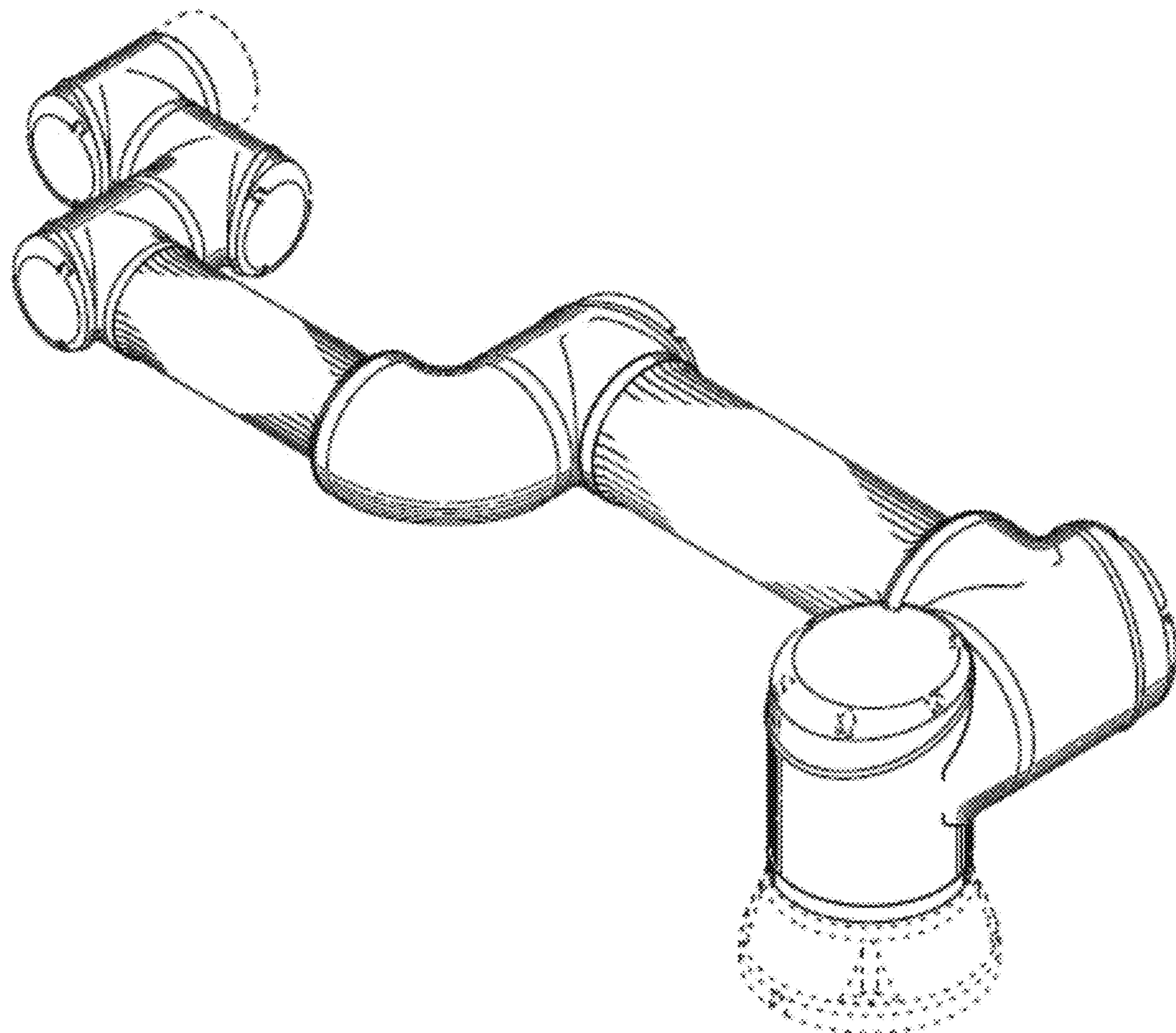


FIG. 23

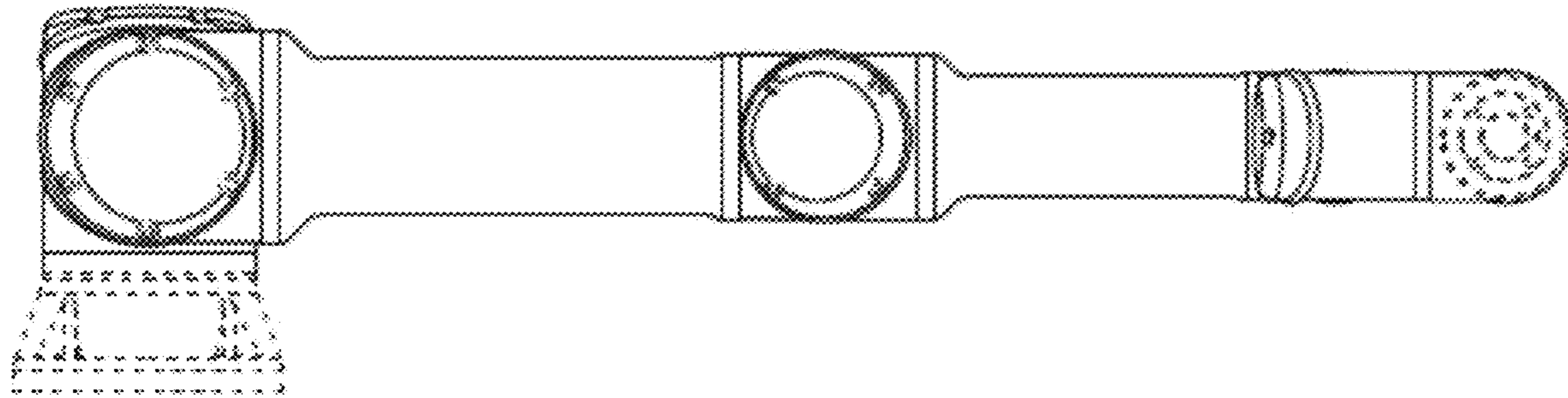


FIG. 24

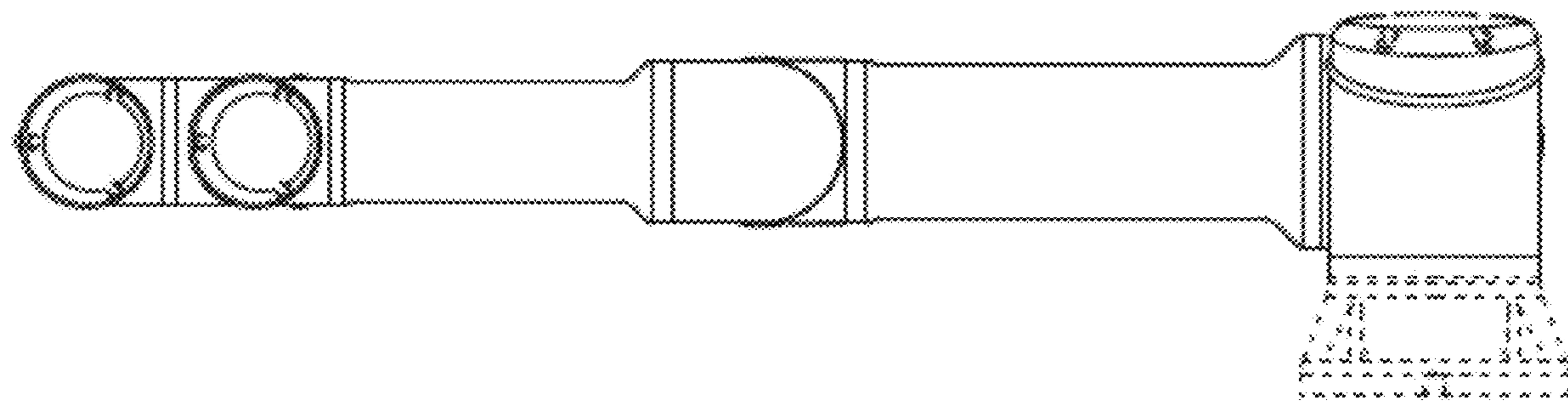


FIG. 25

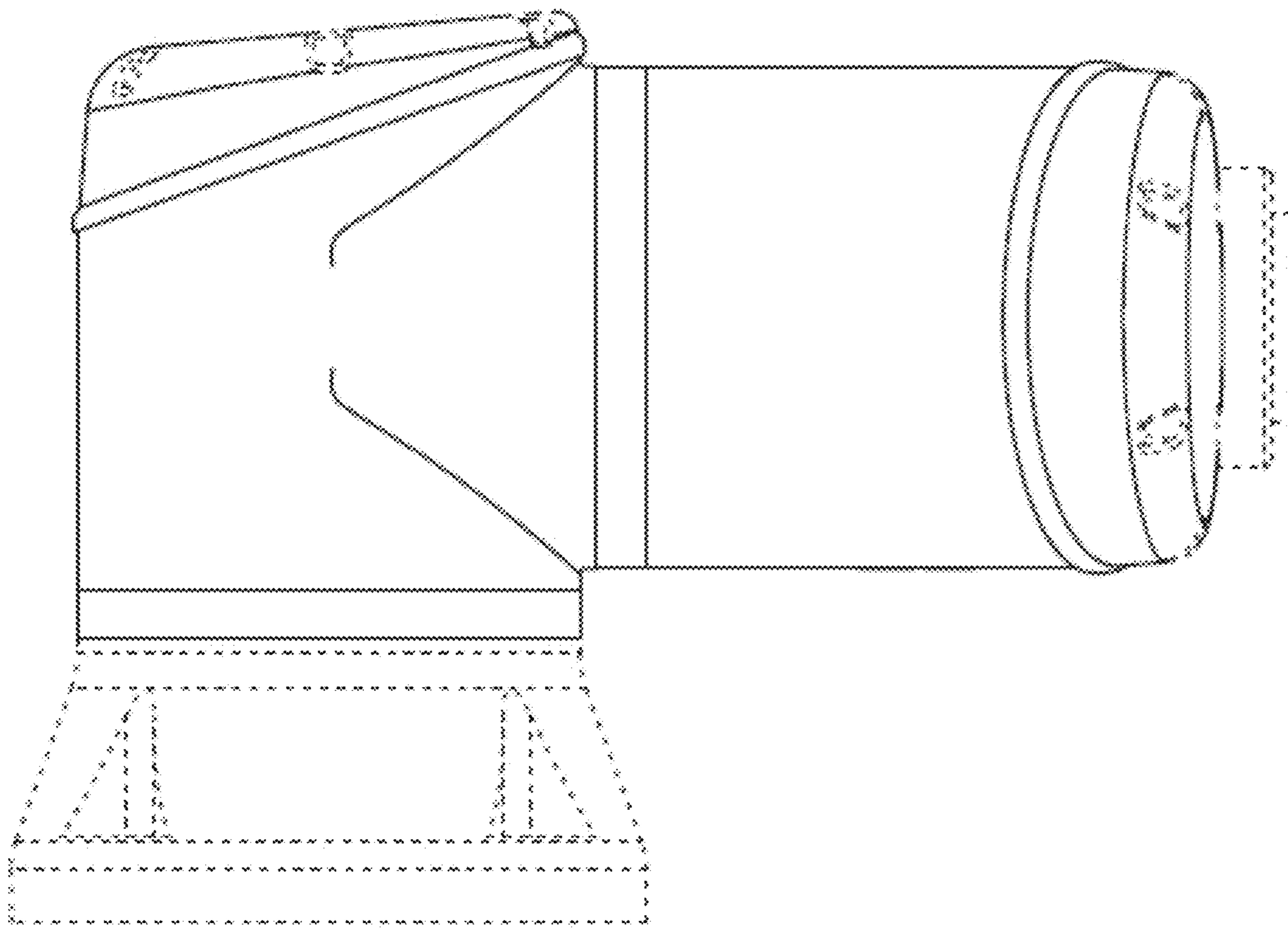
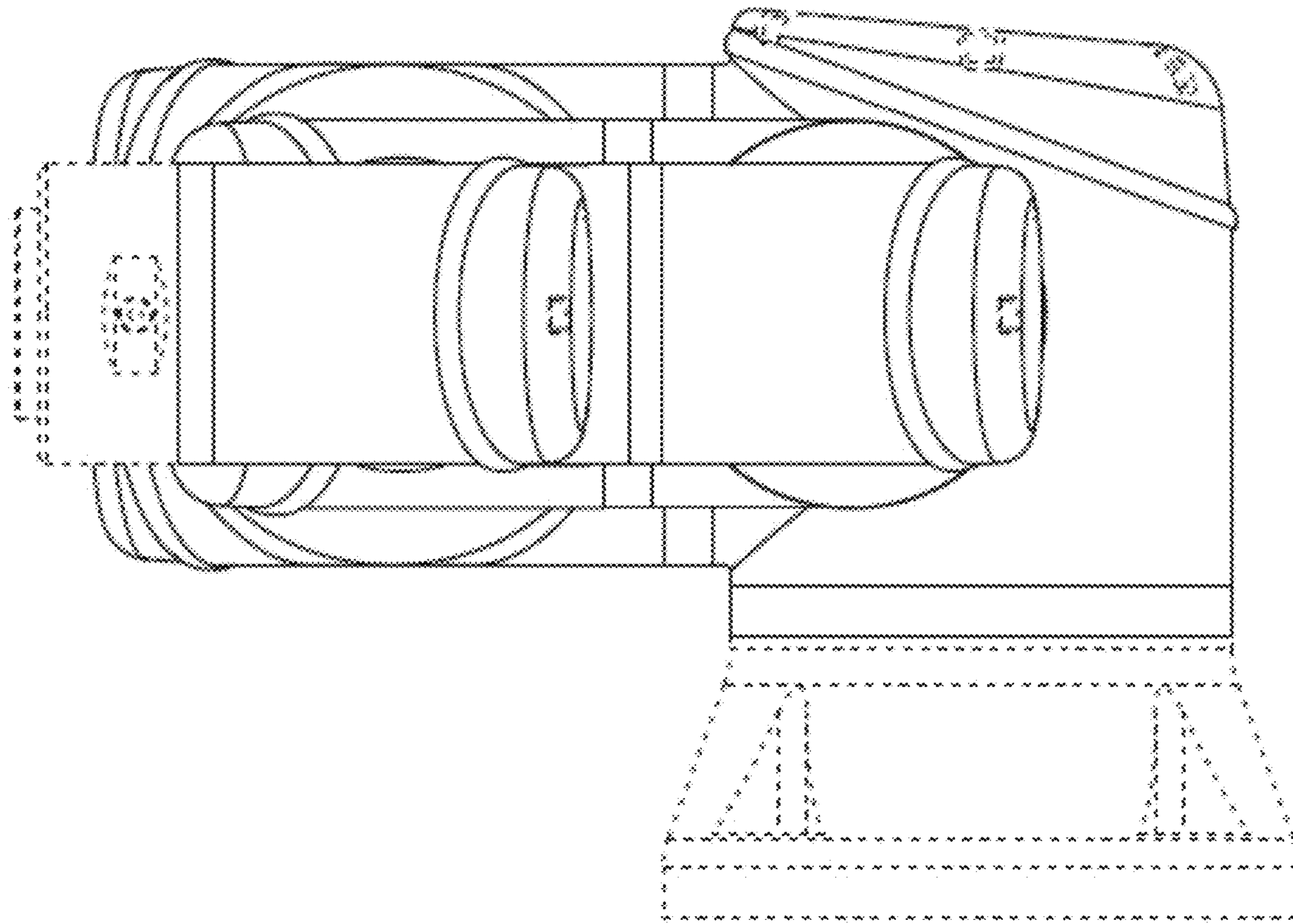


FIG. 26

**FIG. 27**

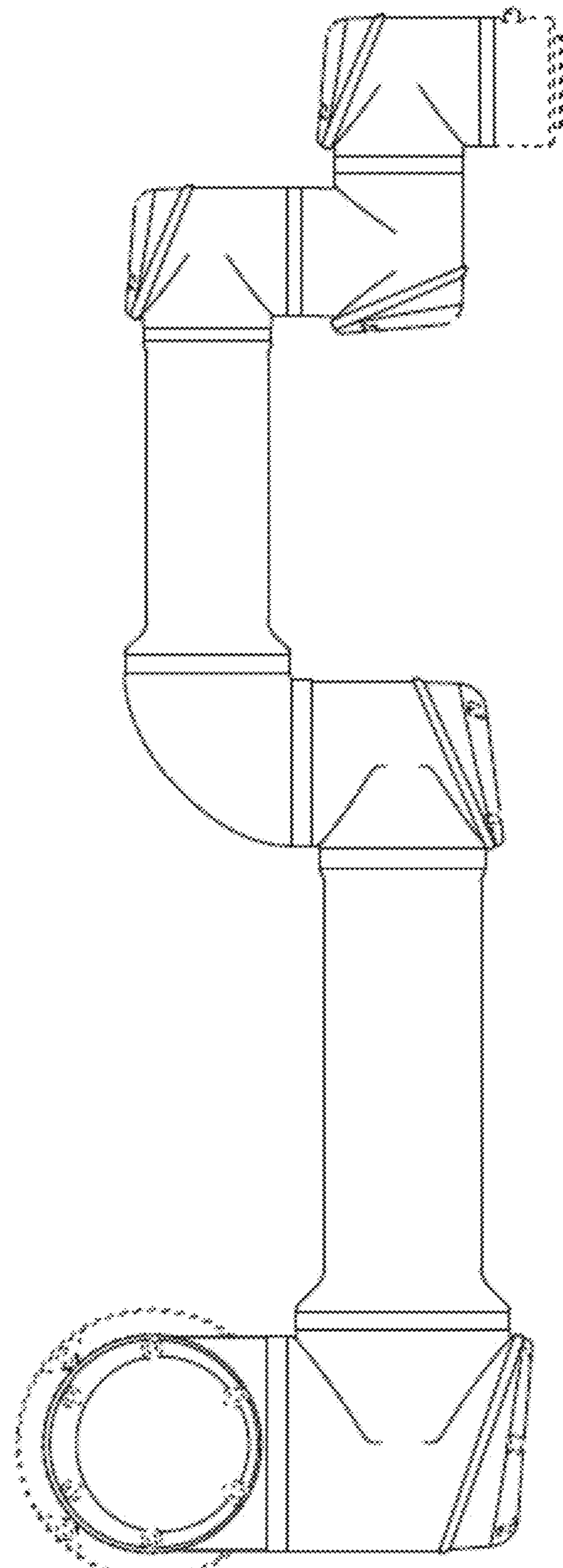


FIG. 28