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(12) **United States Design Patent**
Wappler et al.

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(45) **Date of Patent:** **** Dec. 29, 2020**

(54) **ROBOTIC ARM**
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Daniel Duerr, Gilching (DE)
(73) Assignee: **Agile Robots AG**, Gilching (DE)
(**) Term: **15 Years**
(21) Appl. No.: **29/719,083**
(22) Filed: **Dec. 31, 2019**

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(Continued)

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Barkume LLP

(57) **CLAIM**

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

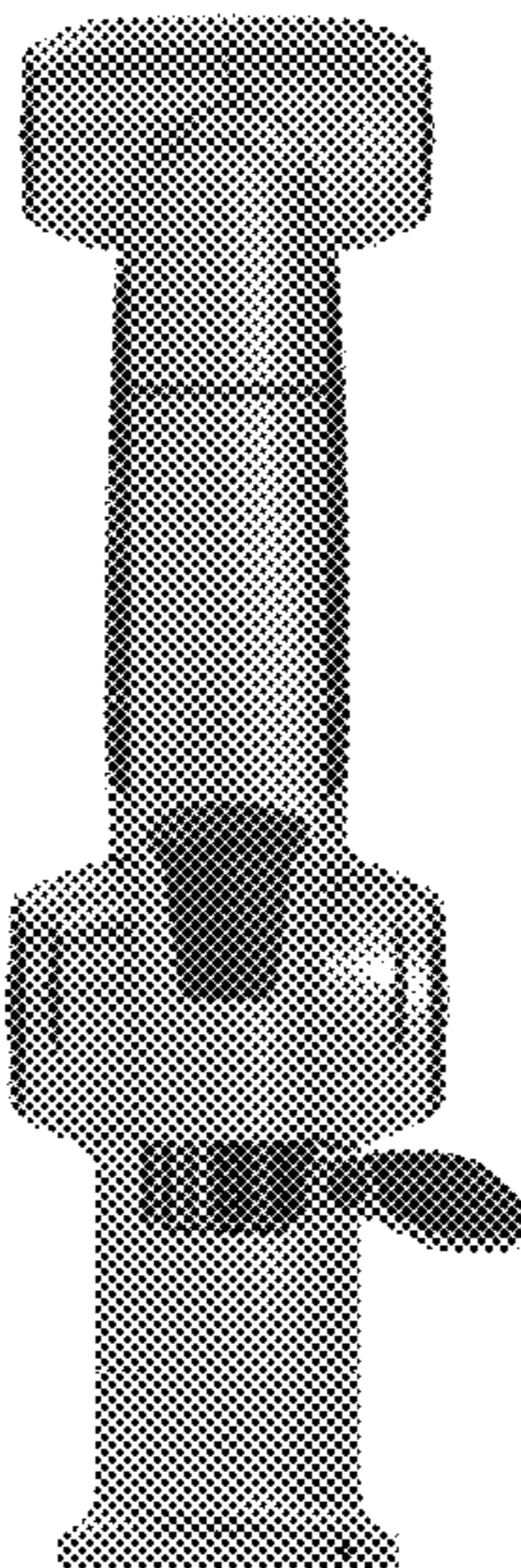
DESCRIPTION

FIG. 1 is a front view of a robotic arm showing our new design;
FIG. 2 is a top view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a stretched right view thereof;
FIG. 6 is a stretched perspective right view thereof;
FIG. 7 is a stretched front view thereof;
FIG. 8 is a stretched bottom view thereof;
FIG. 9 is a stretched back view thereof;
FIG. 10 is another stretched right view thereof;
FIG. 11 is a stretched left view thereof;
FIG. 12 is a stretched right perspective view thereof;
FIG. 13 is a stretched top view thereof;
FIG. 14 is a left view thereof;
FIG. 15 is a right view thereof;
FIG. 16 is a perspective view thereof;
FIG. 17 is a right twisted view thereof;
FIG. 18 is a flexed back view thereof;
FIG. 19 is a flexed bottom view thereof;
FIG. 20 is a flexed front view thereof;
FIG. 21 is a flexed left view thereof;
FIG. 22 is a flexed right view thereof;
FIG. 23 is a flexed perspective view thereof; and,
FIG. 24 is a flexed top view thereof.

(30) **Foreign Application Priority Data**
Jul. 4, 2019 (EM) 006612495-0001
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Jul. 4, 2019 (EM) 006612495-0003
Jul. 4, 2019 (EM) 006612495-0004
(51) **LOC (12) 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
CPC B25J 9/046; B25J 9/042; B25J 9/06; H01L
21/67766
See application file for complete search history.

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1 Claim, 17 Drawing Sheets



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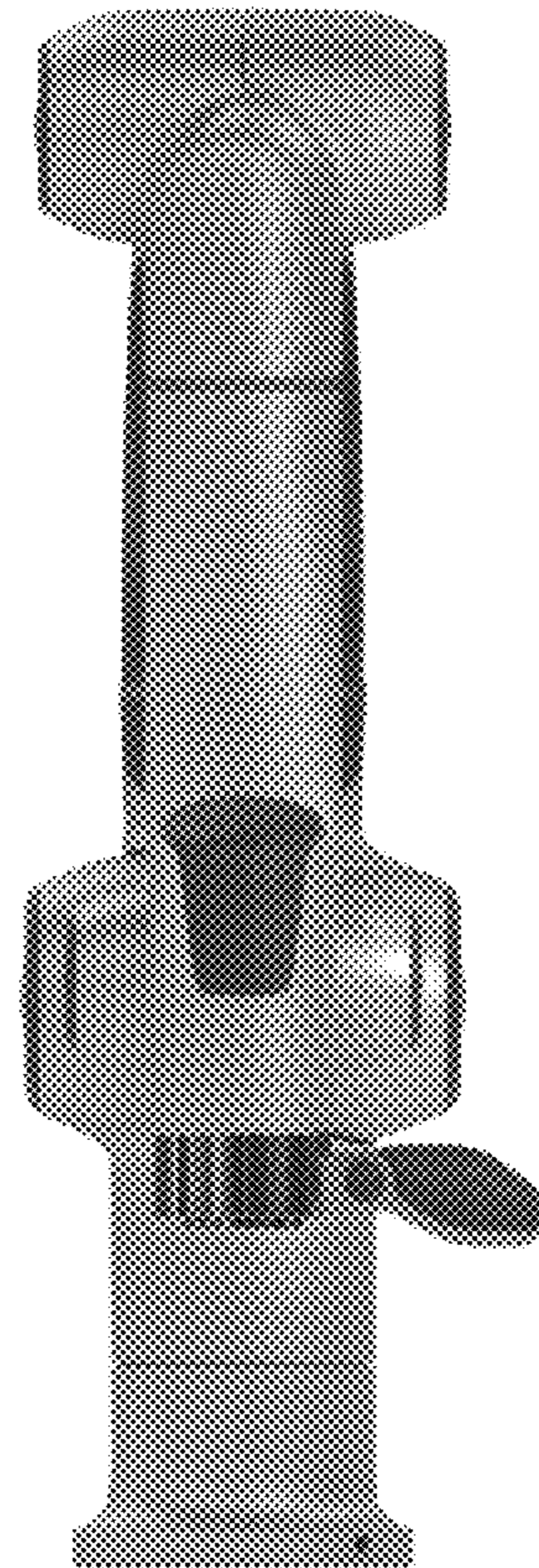


Figure 1

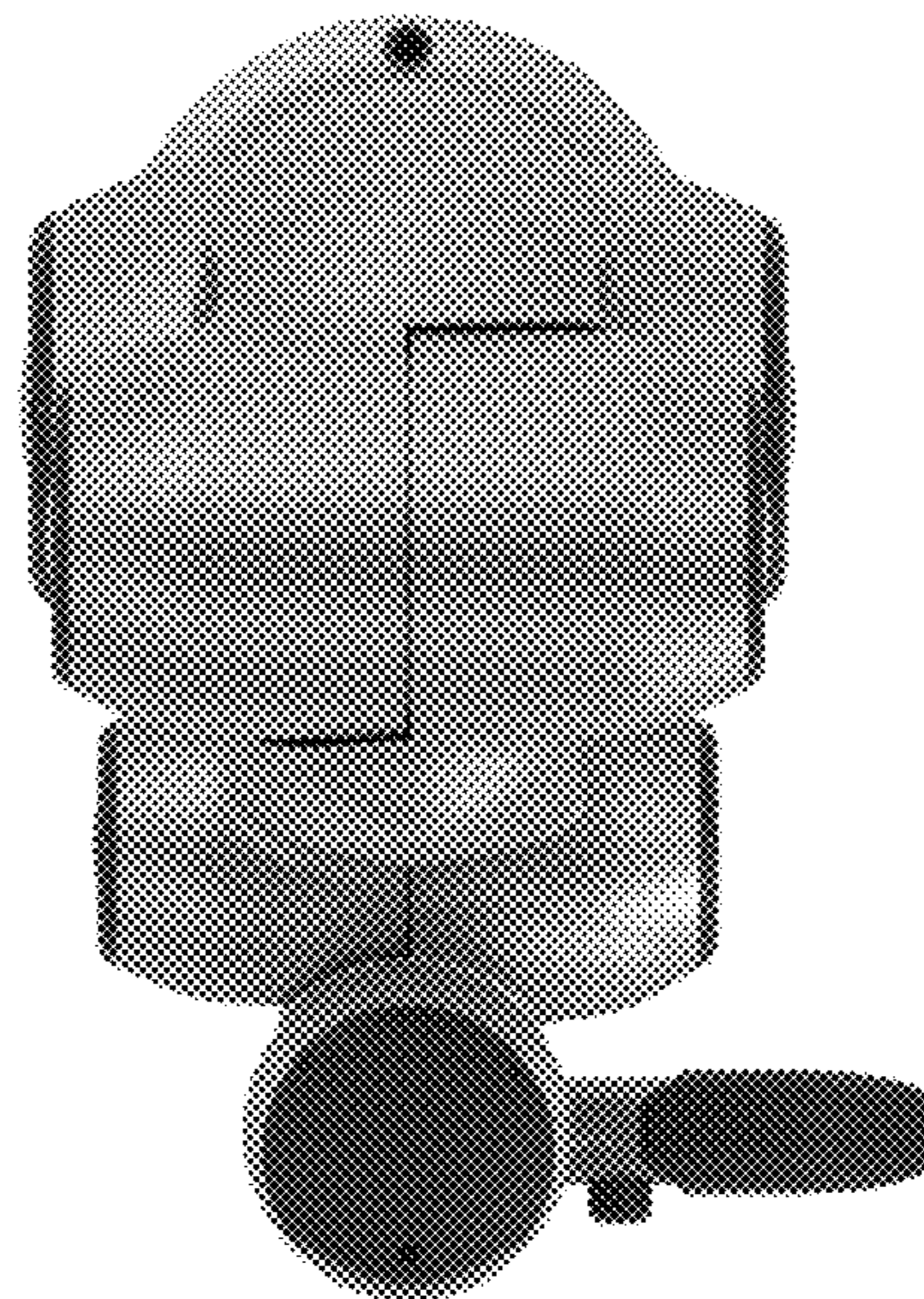


Figure 2

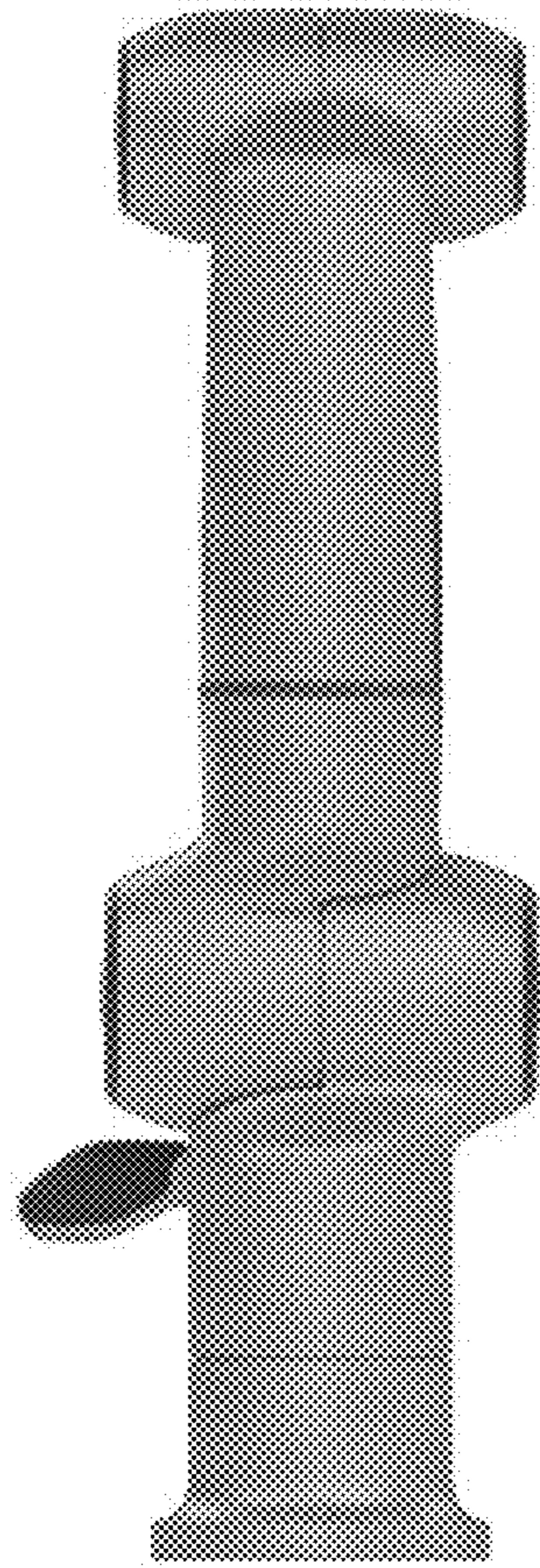


Figure 3

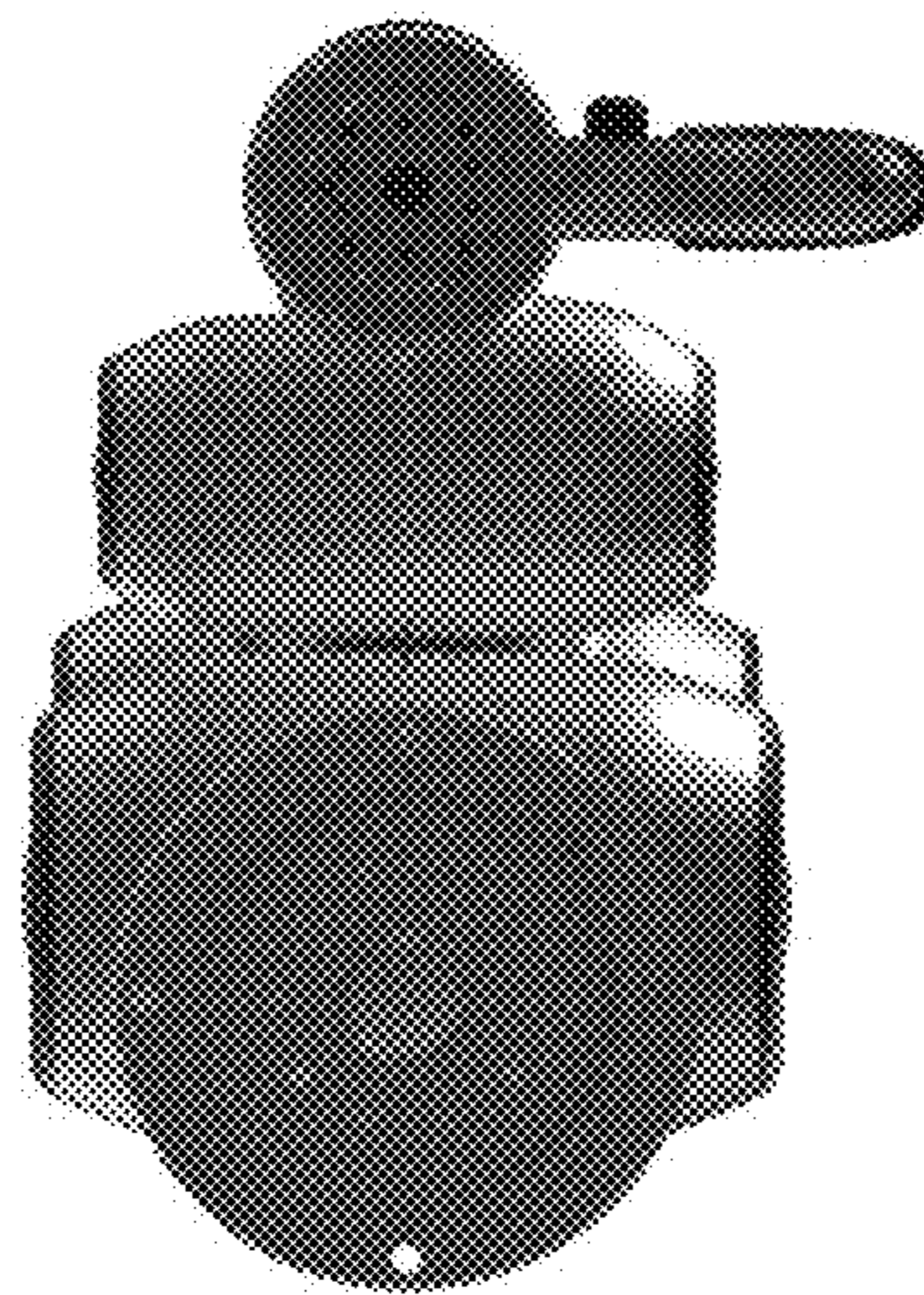


Figure 4



Figure 5

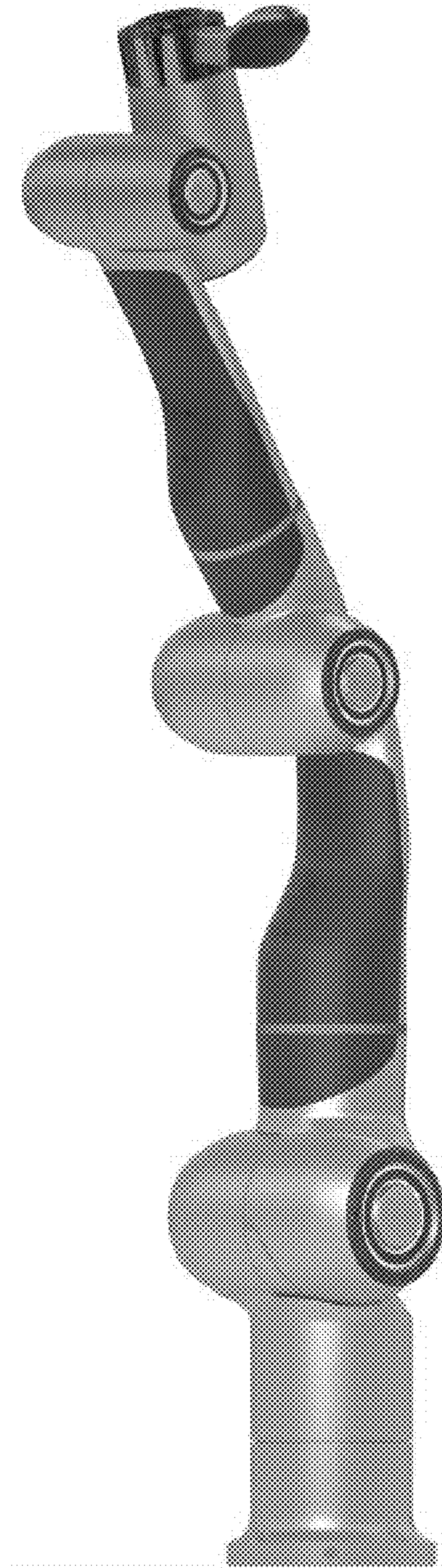


Figure 6

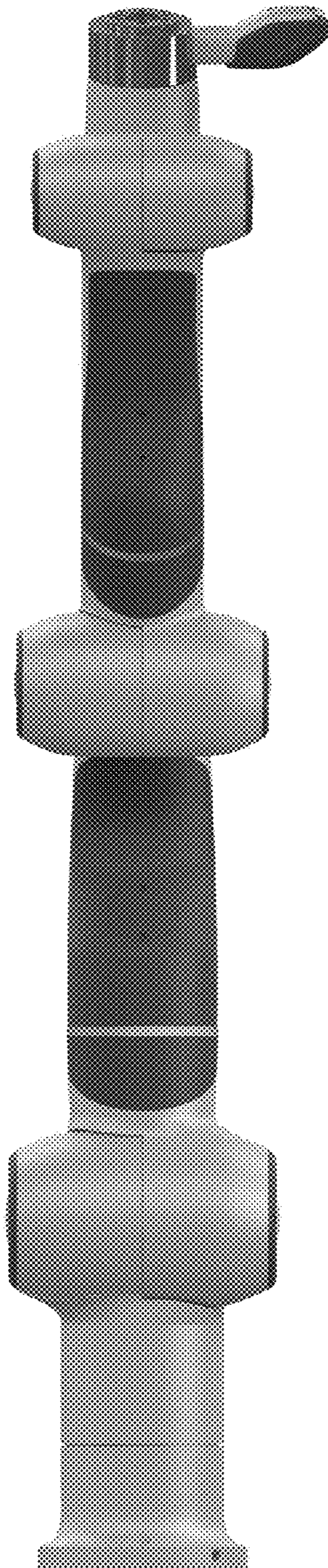


Figure 7

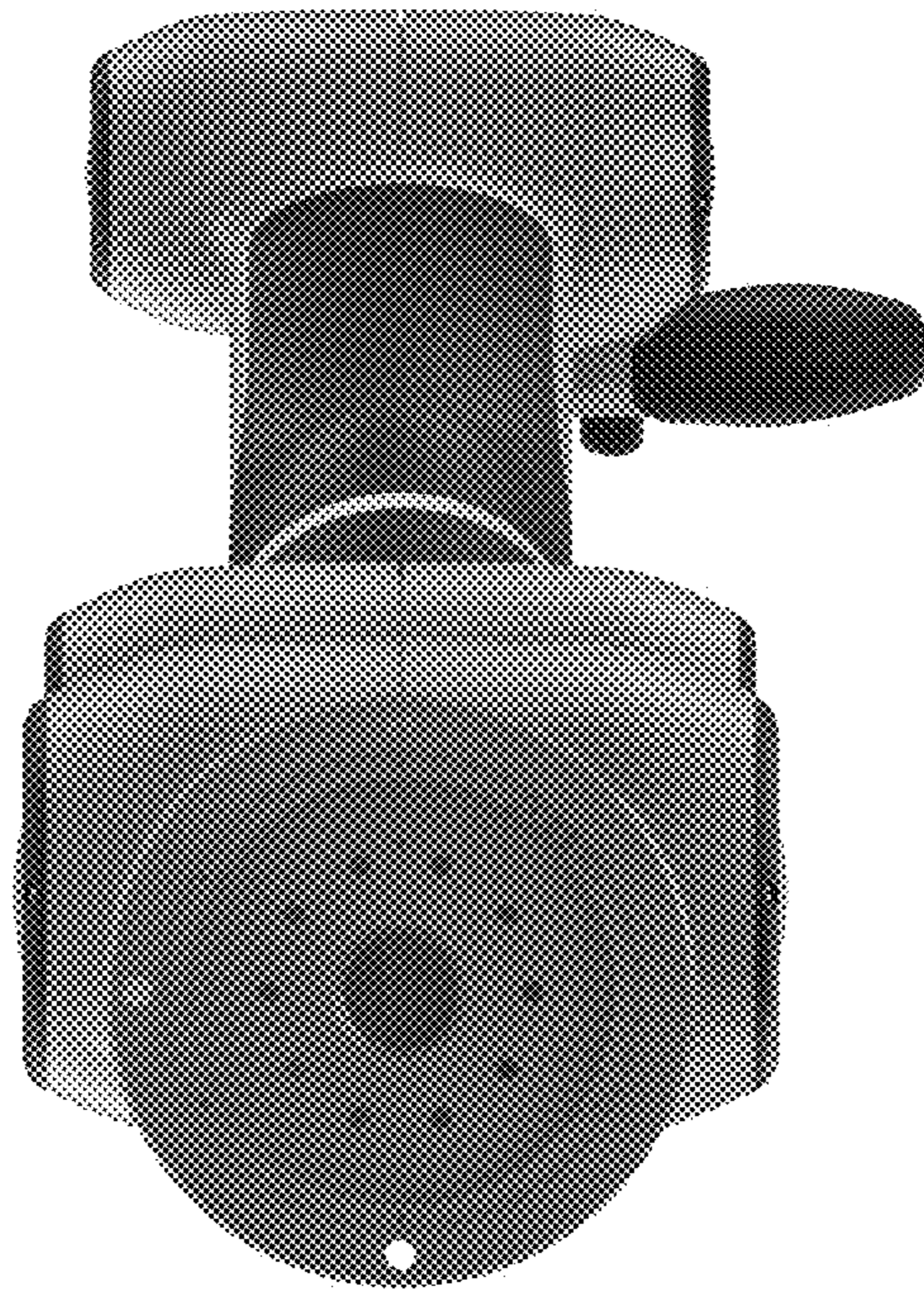


Figure 8

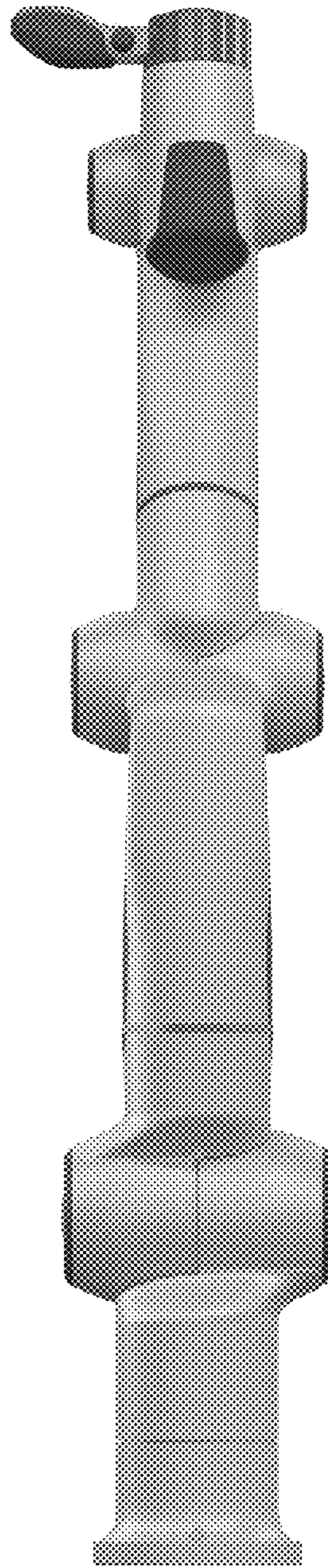


Figure 9

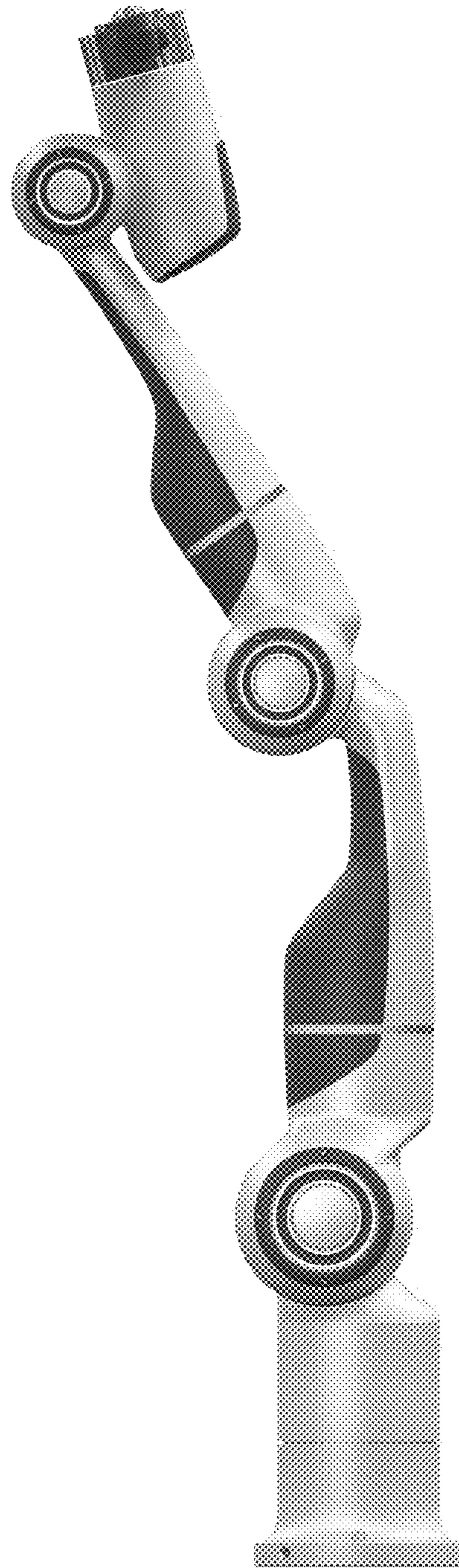


Figure 10

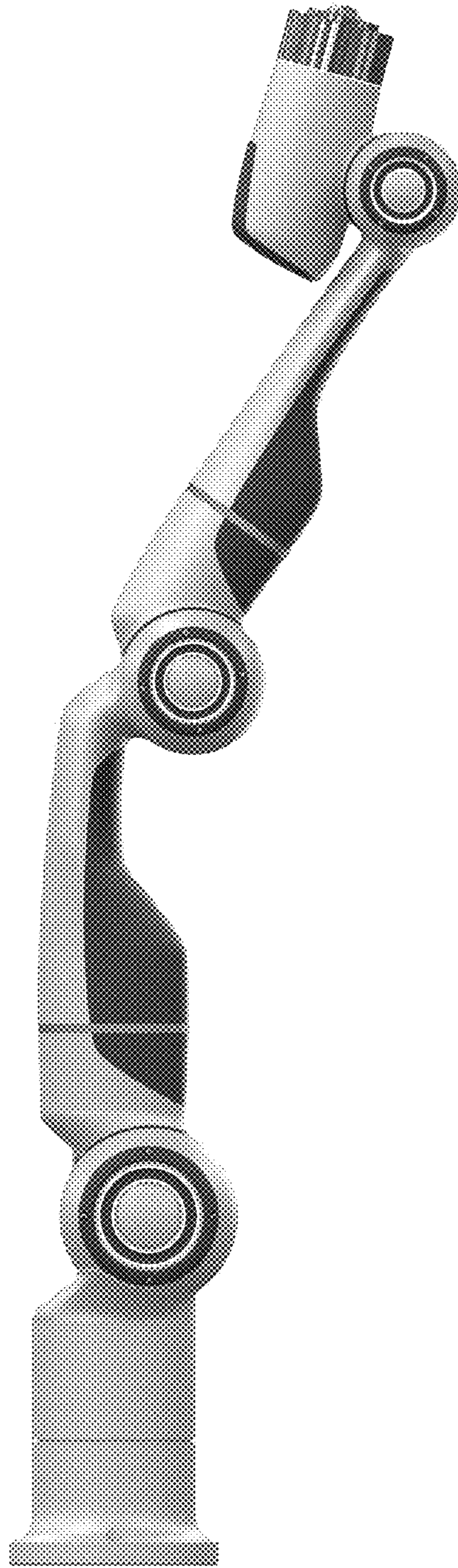


Figure 11

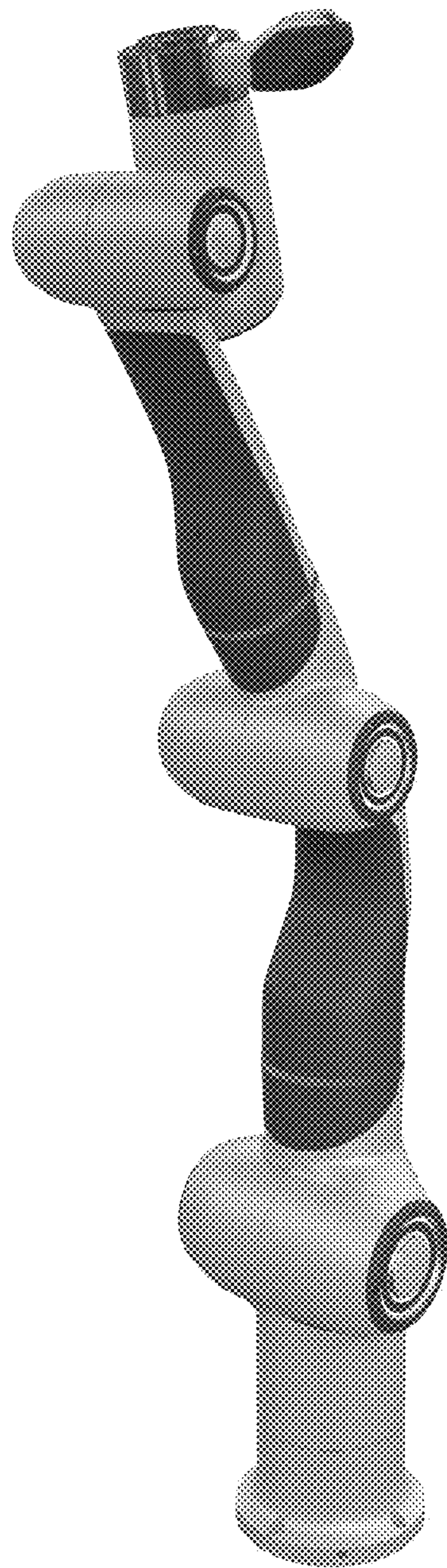


Figure 12

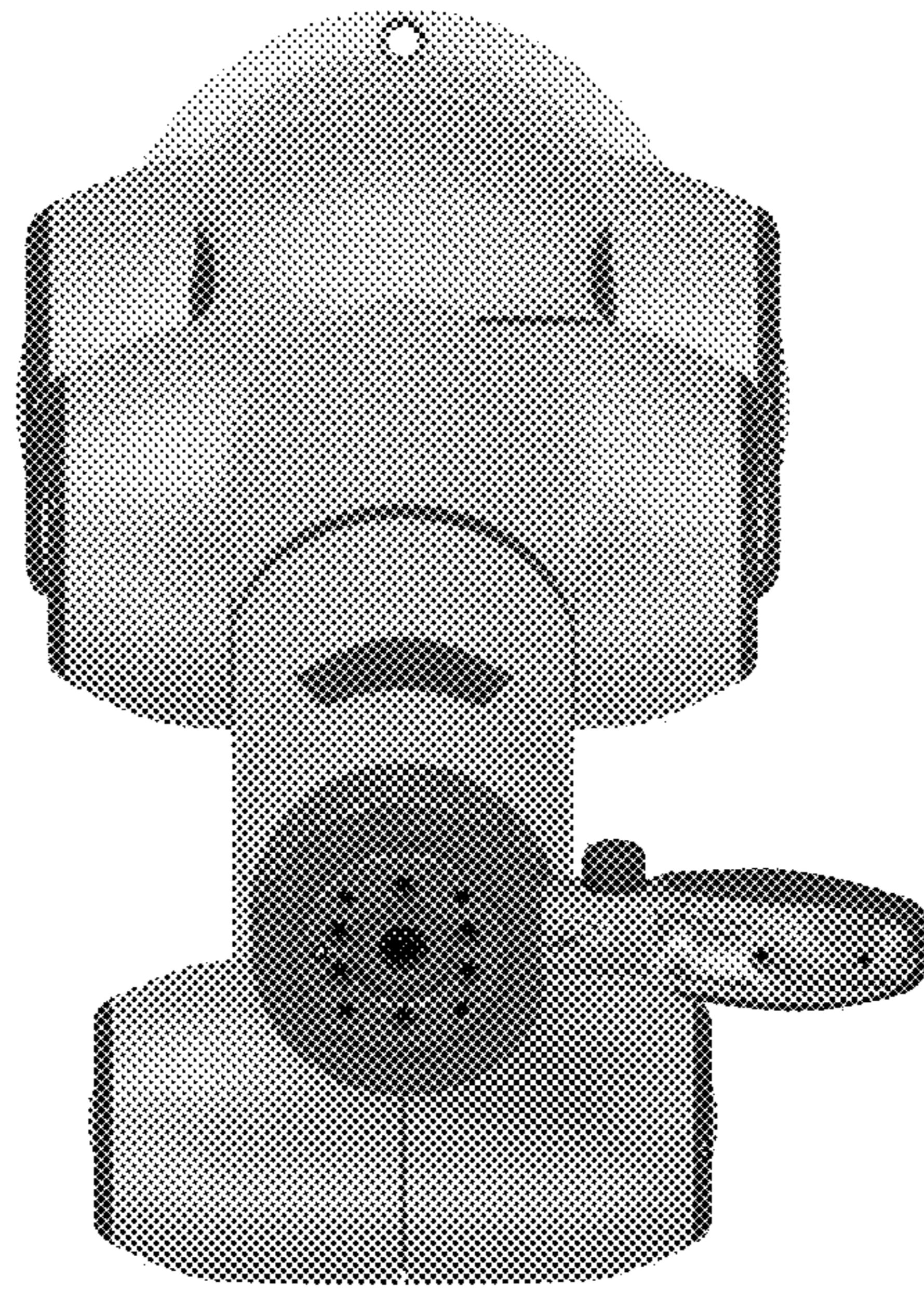


Figure 13

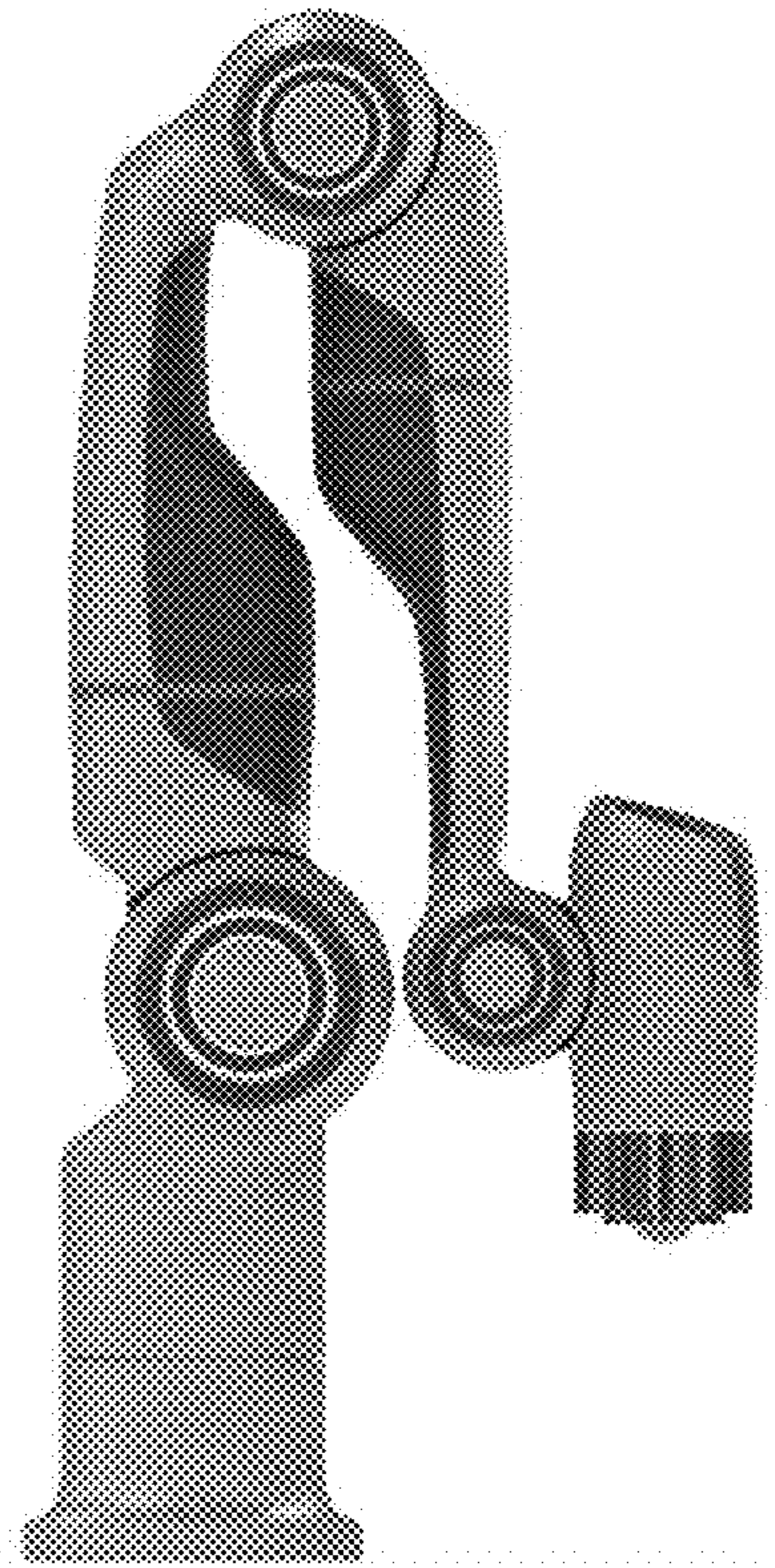


Figure 14

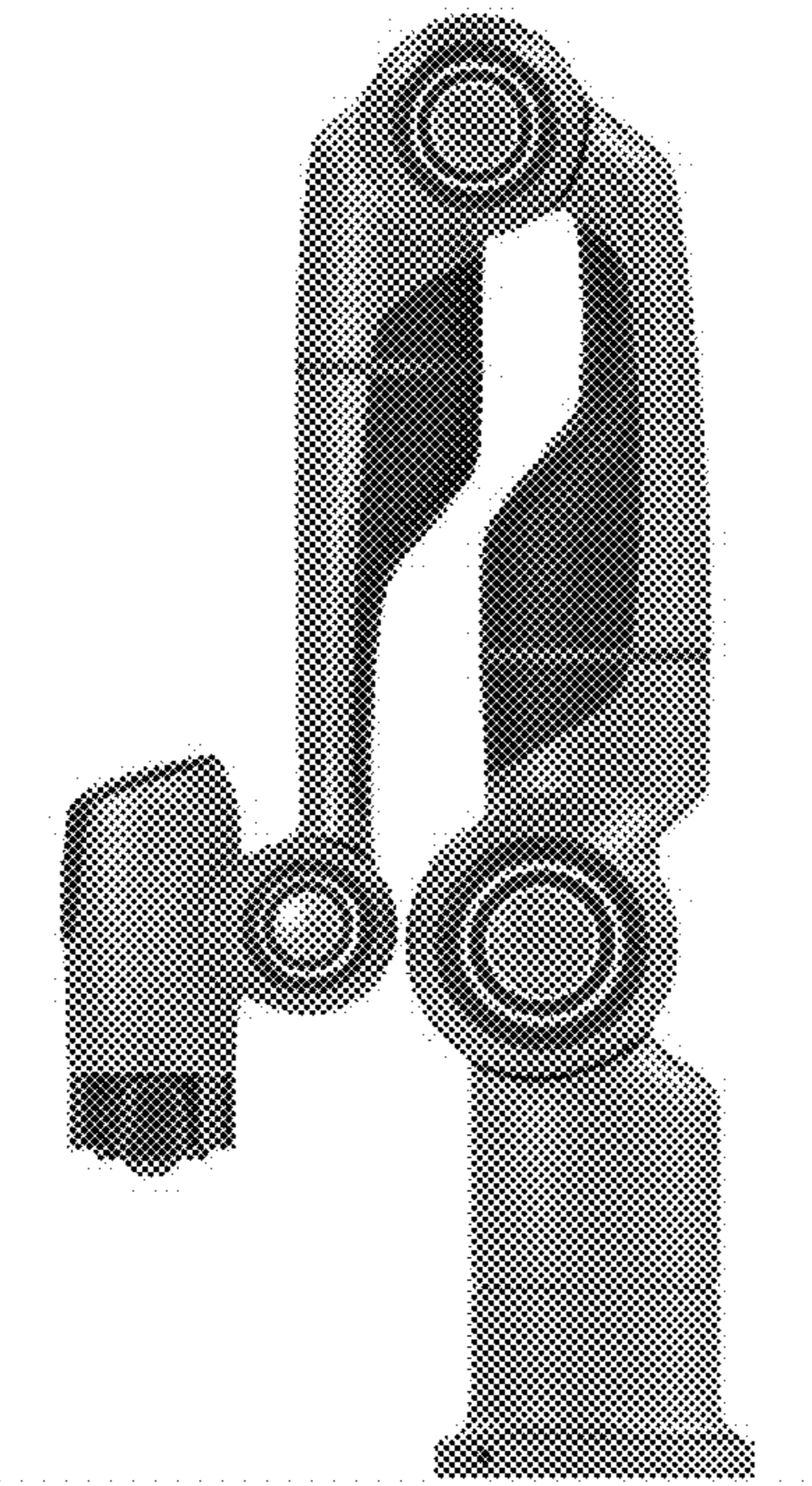


Figure 15

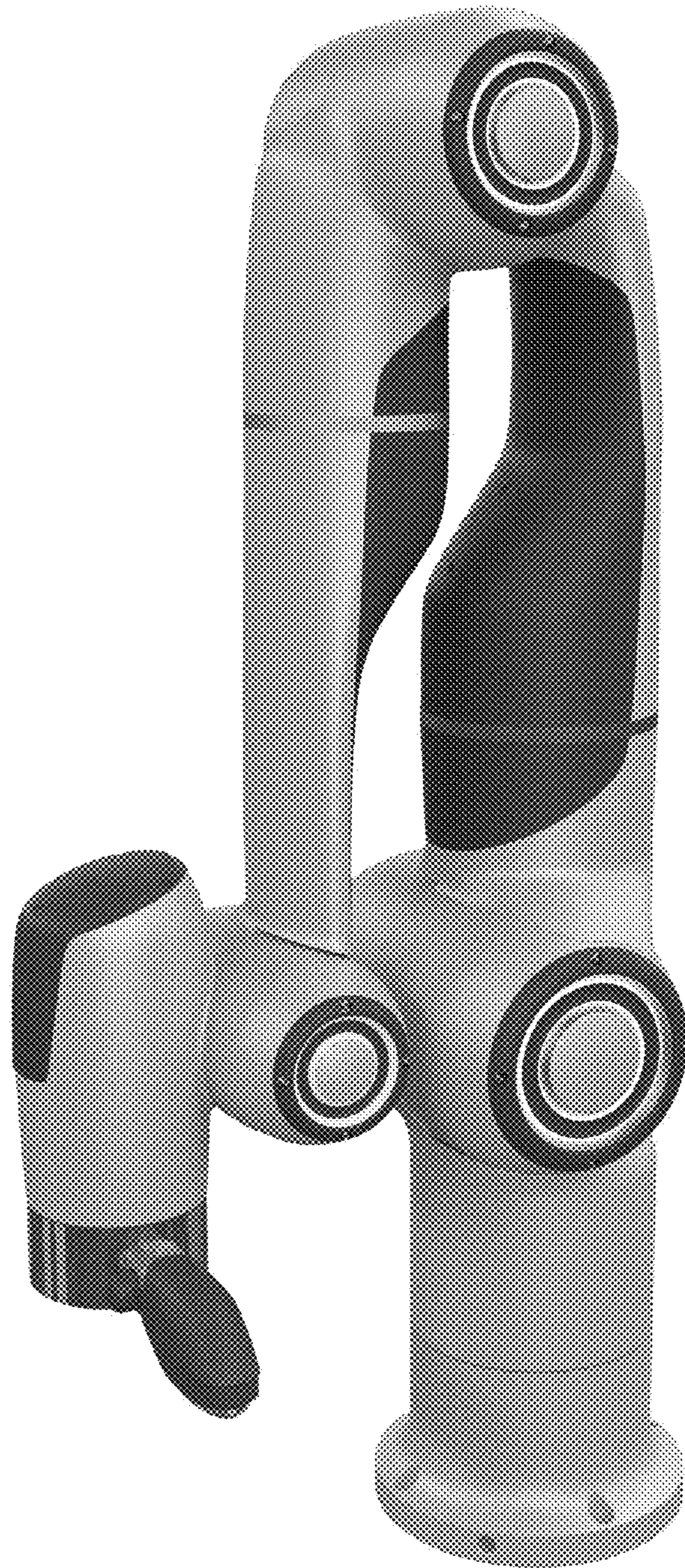


Figure 16

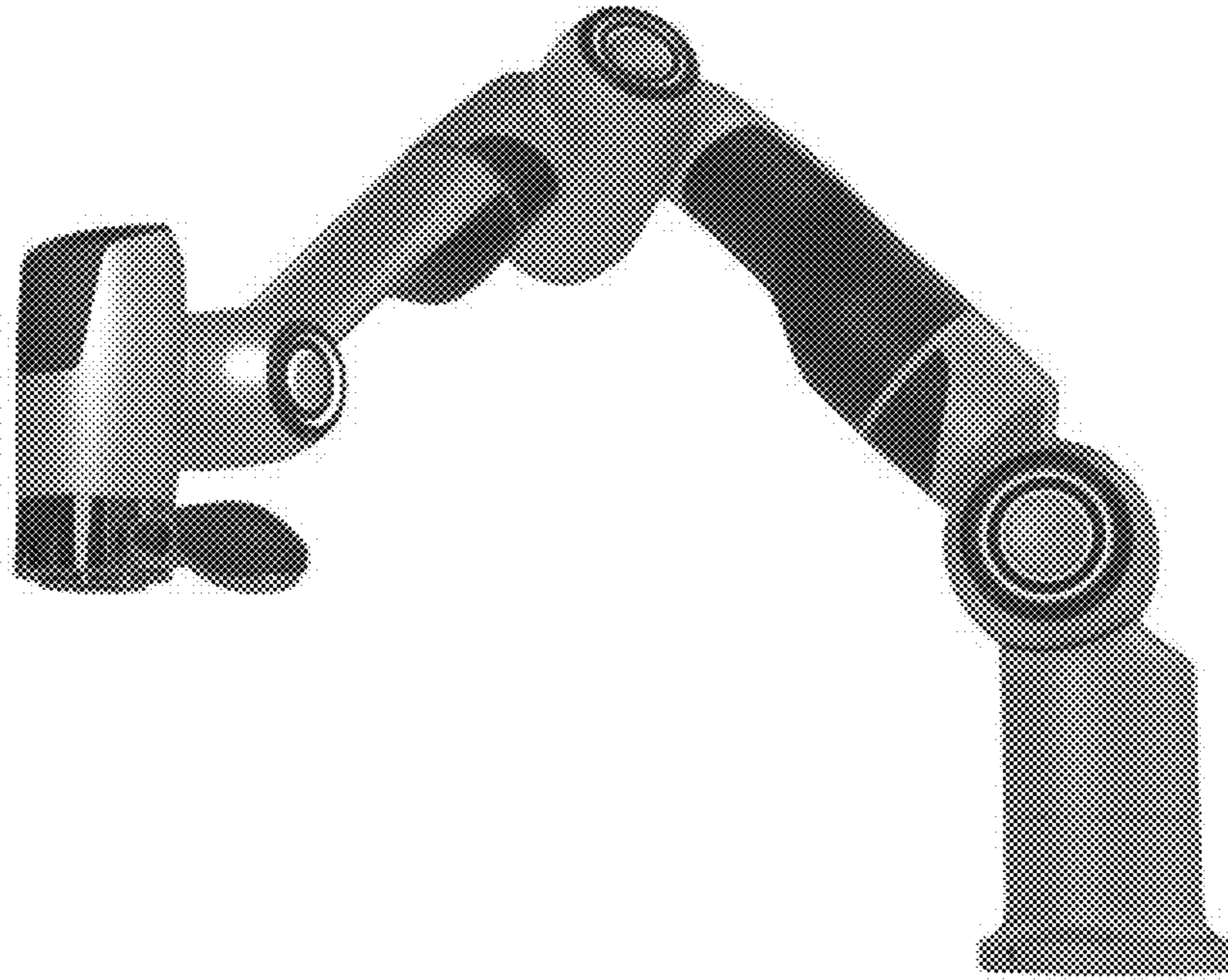


Figure 17

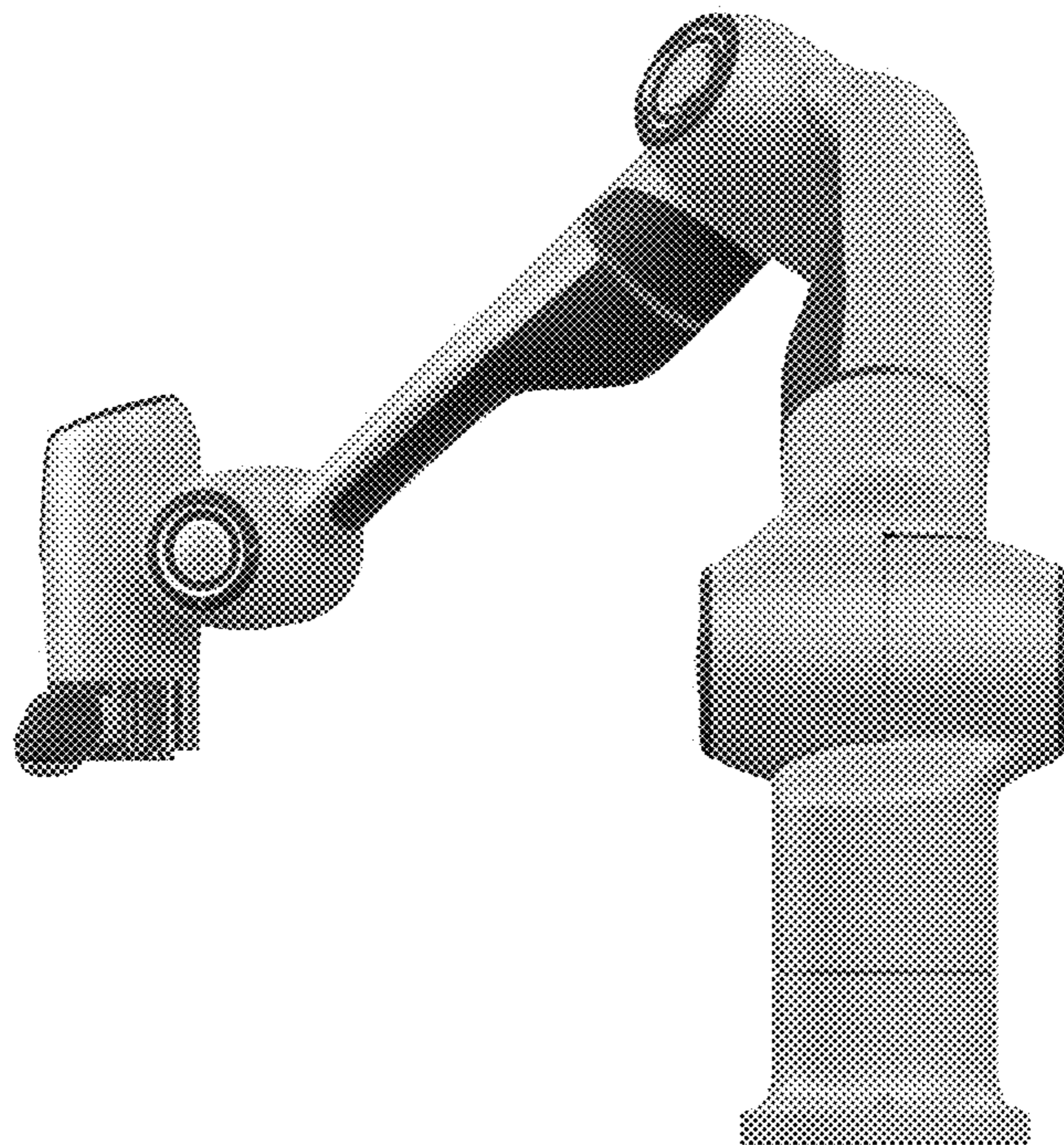


Figure 18



Figure 19

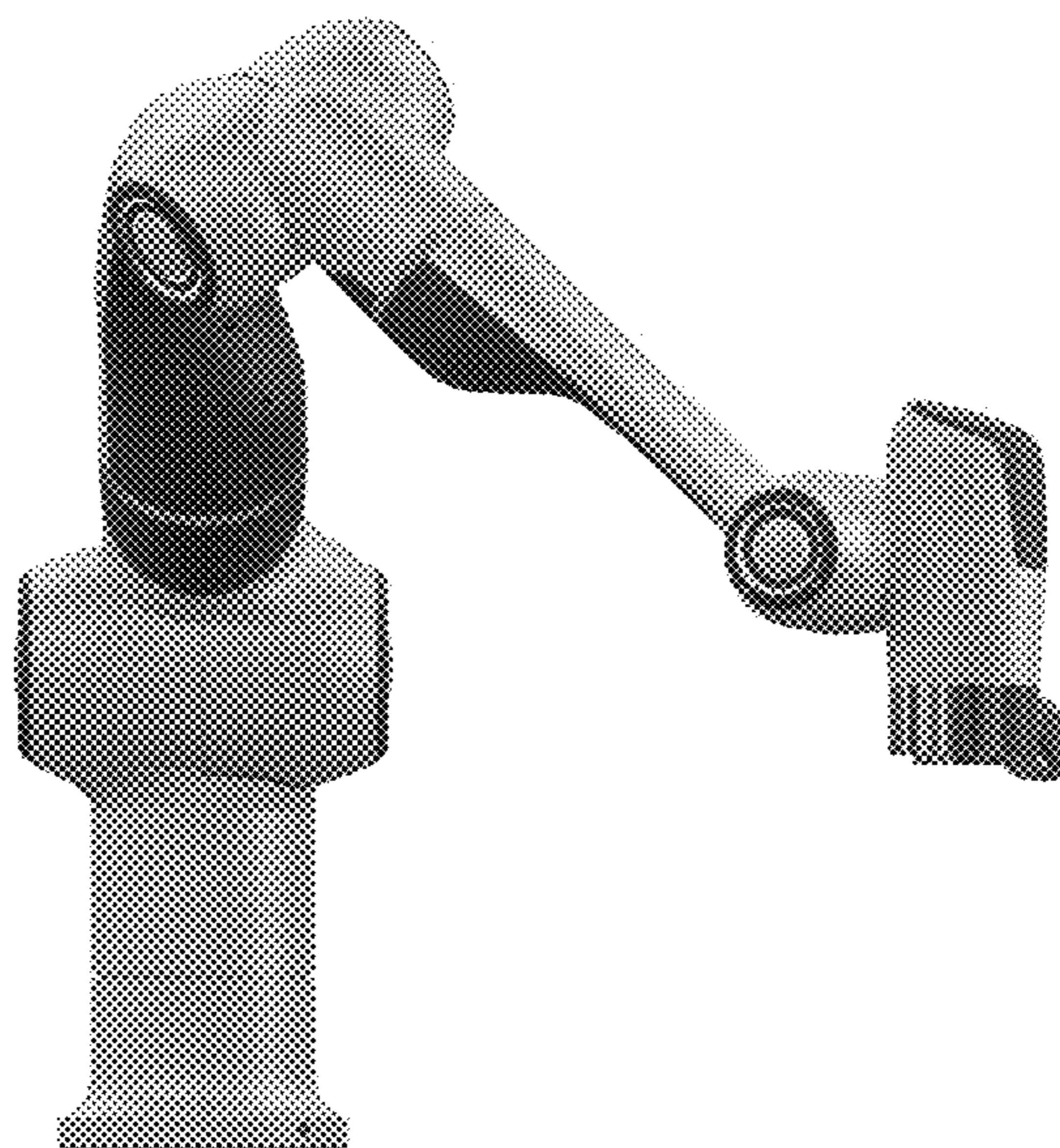


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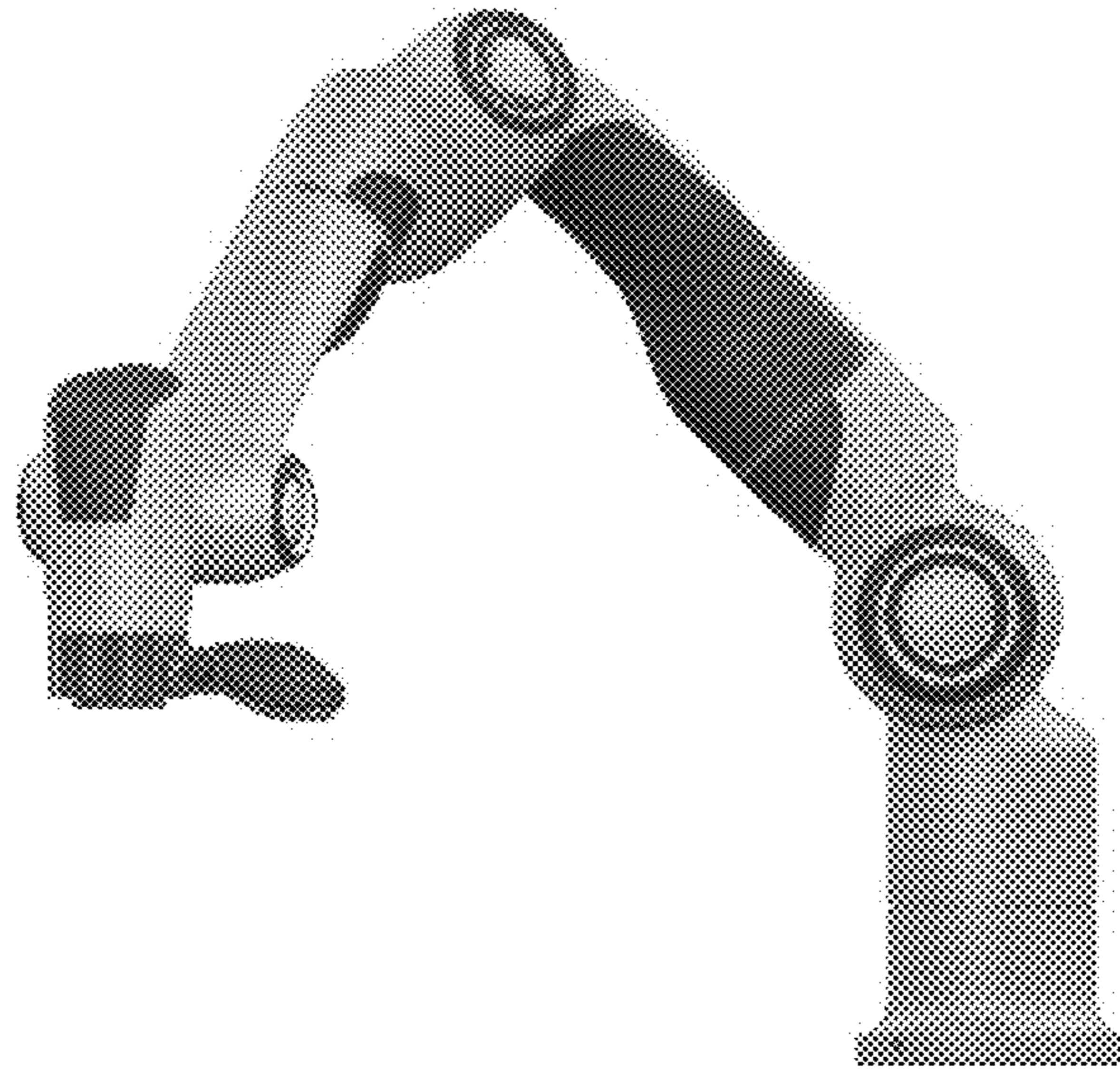


Figure 21

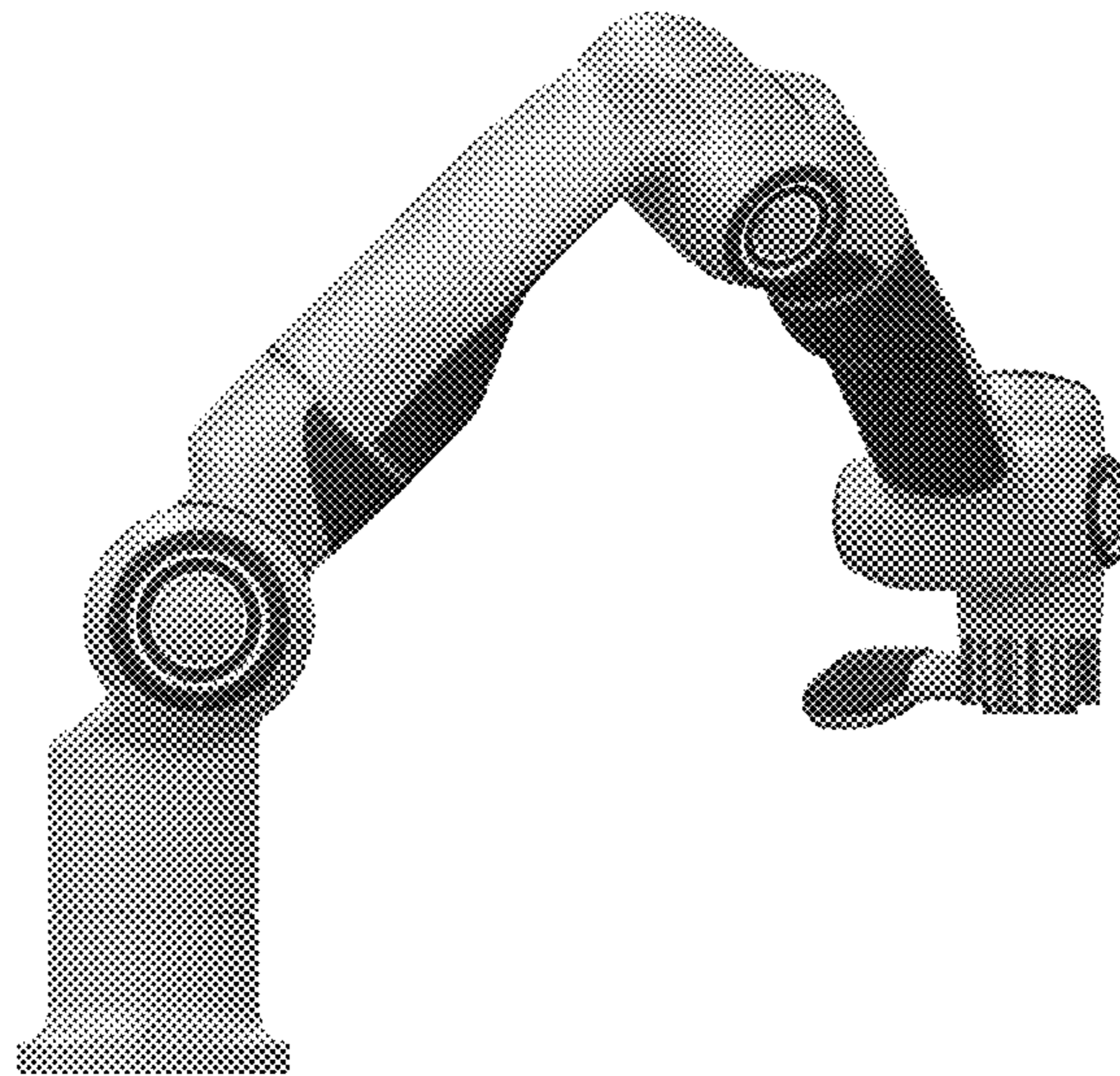


Figure 22

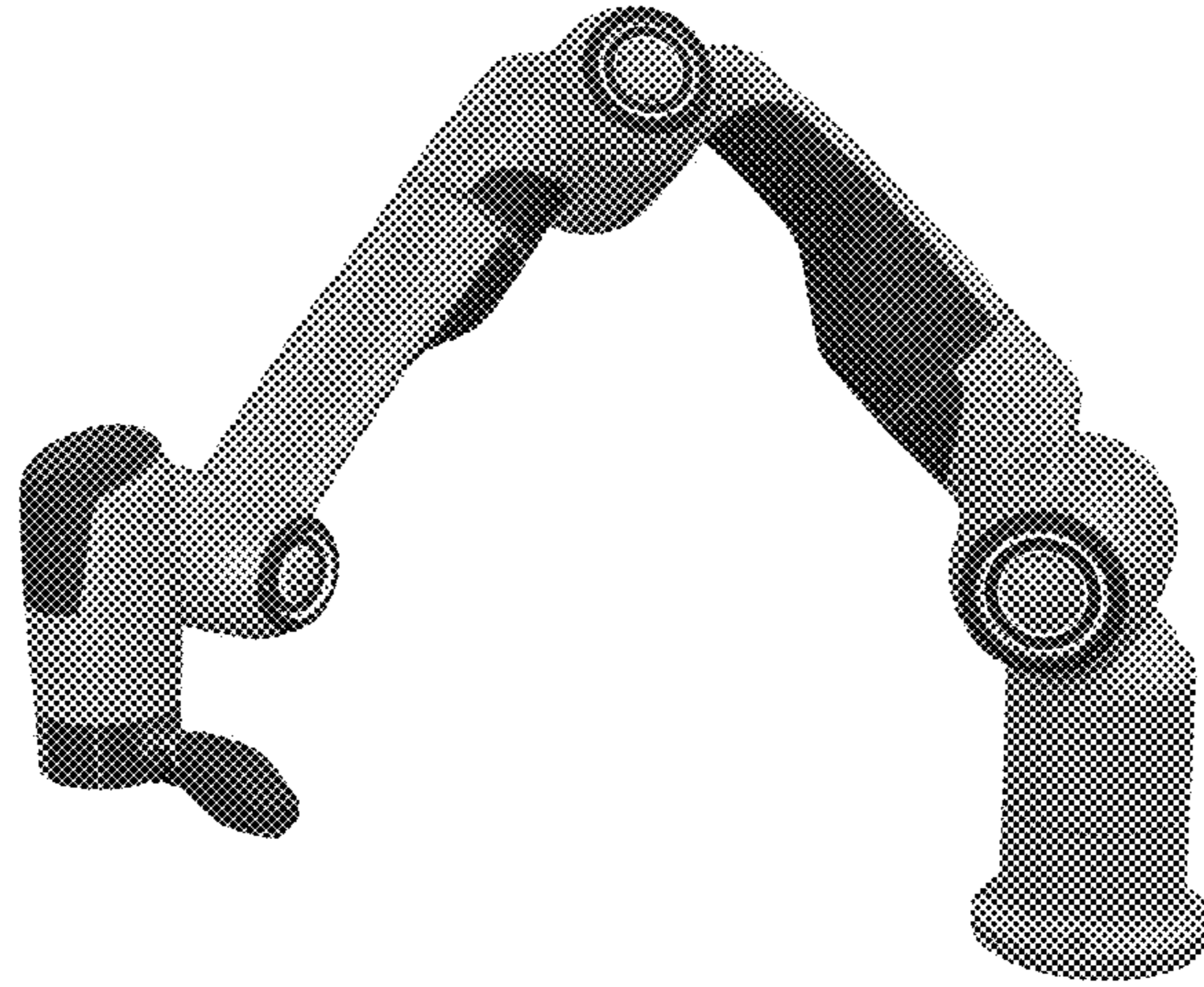


Figure 23

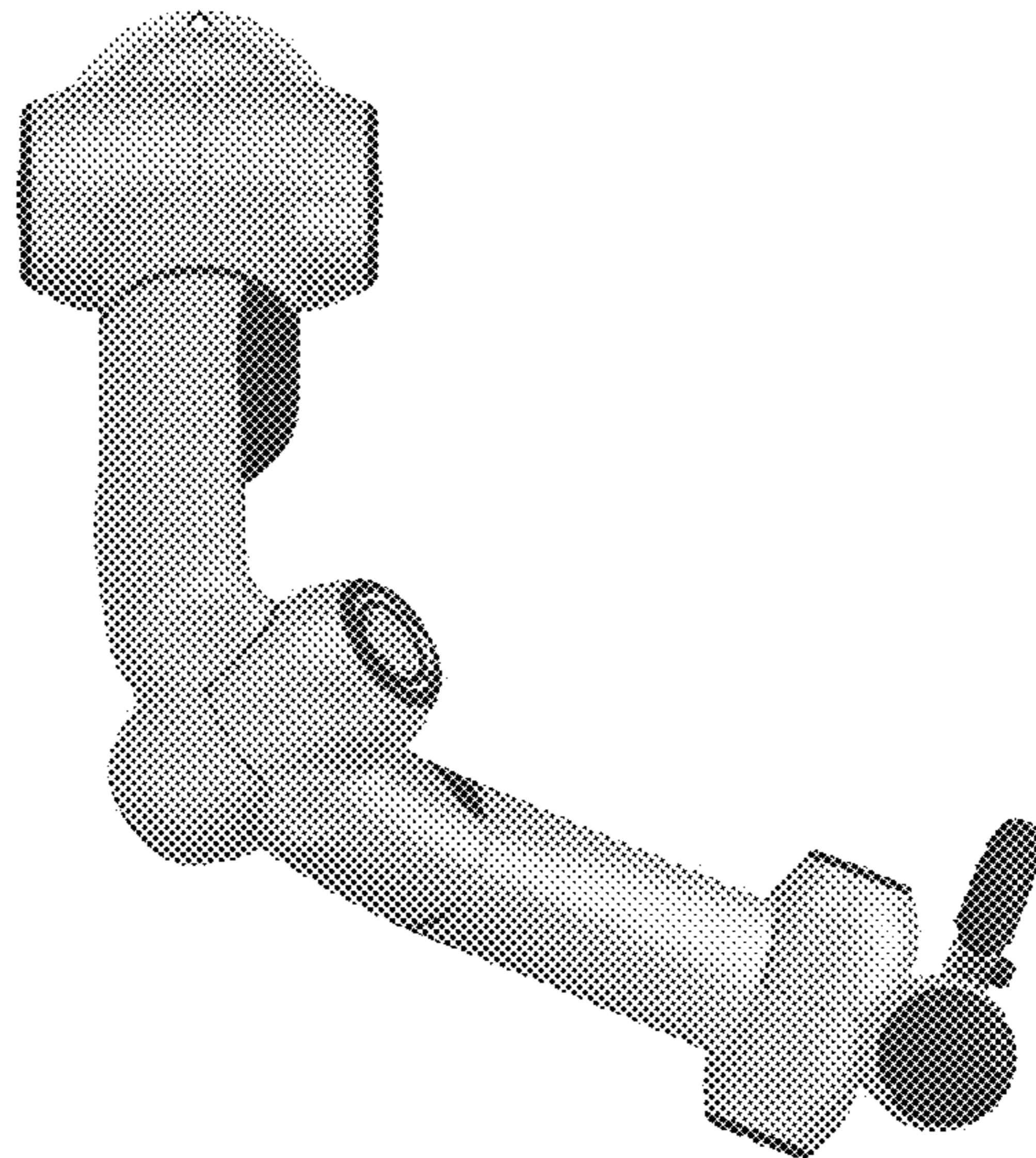


Figure 24