



US00D878491S

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

(10) **Patent No.:** **US D878,491 S**
(45) **Date of Patent:** **** Mar. 17, 2020**

(54) **ROBOT**
(71) Applicant: **GROOVE X, Inc.**, Tokyo (JP)
(72) Inventors: **Kaname Hayashi**, Tokyo (JP); **Kota Nezu**, Tokyo (JP)
(73) Assignee: **GROOVE X, INC.**, Tokyo (JP)
(**) Term: **15 Years**

D639,353 S * 6/2011 Stibolt A63H 11/00
D21/578
8,265,793 B2 * 9/2012 Cross H04W 4/70
180/8.1
D685,438 S * 7/2013 Fan D21/578
D695,345 S * 12/2013 Park D21/578
D710,953 S * 8/2014 Katsutani D21/578
D714,881 S * 10/2014 Michalowski D21/576

(Continued)

(21) Appl. No.: **29/689,439**
(22) Filed: **Apr. 30, 2019**

FOREIGN PATENT DOCUMENTS

JP 2016008946 4/2010
JP 1507072 S 9/2014
JP 1543220 S 2/2016

Related U.S. Application Data

(62) Division of application No. 29/581,732, filed on Oct. 21, 2016, now Pat. No. Des. 847,914.

Foreign Application Priority Data

Apr. 22, 2016 (JP) 2016-008946
Apr. 22, 2016 (JP) 2016-008947
Apr. 22, 2016 (JP) 2016-008948

OTHER PUBLICATIONS

Japanese Office Action for corresponding Design application No. 2018-027398; Office Action dated Jun. 25, 2019.

Primary Examiner — Sandra L Morris
(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

(51) **LOC (12) Cl.** **21-01**
(52) **U.S. Cl.**

(57) **CLAIM**

We claim, the ornamental design for a robot, as shown and described.

USPC **D21/592**; D21/585; D21/578; D21/606

DESCRIPTION

(58) **Field of Classification Search**
USPC D6/598; D11/158, 162; D21/576–595,
D21/606–609, 653; 446/368–369, 376,
446/428, 487; 180/8.6; D15/199
CPC ... A63H 3/00; A63H 3/02; A63H 3/04; A63H
3/16; A63H 3/28; A63H 33/00; A63H
7/06; A63H 11/00; A63H 11/10; A63H
11/20; A63H 13/00

FIG. 1 is a front perspective view of a robot, showing our new design;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a bottom perspective view thereof;
FIG. 4 is a front elevation view thereof;
FIG. 5 is a rear elevation view thereof;
FIG. 6 is a side elevation view thereof, the opposite side being a mirror image thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The portions shown in broken lines form no part of the claimed design.

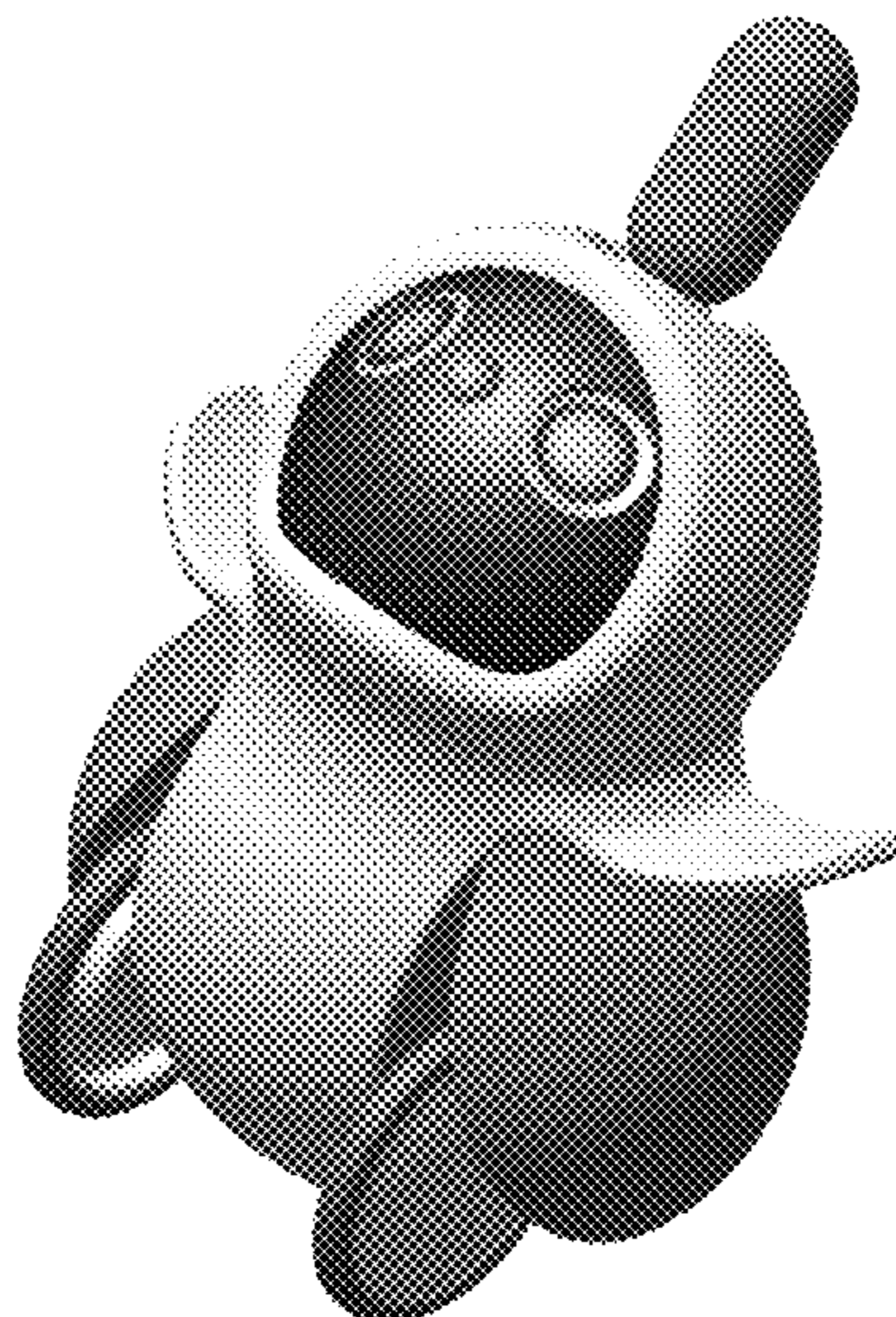
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D450,788 S * 11/2001 Kawasaki D21/578
D636,445 S * 4/2011 Avery D21/576

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D719,621 S * 12/2014 Song H04W 4/70
D21/578
9,358,475 B2 * 6/2016 Michalowski A63H 29/22
9,873,200 B2 * 1/2018 Song A63H 30/04
D838,758 S * 1/2019 Kymm D21/578
2007/0192910 A1 * 8/2007 Vu B25J 5/007
700/245
2012/0290111 A1 * 11/2012 Badavne A63H 11/00
700/94

* cited by examiner

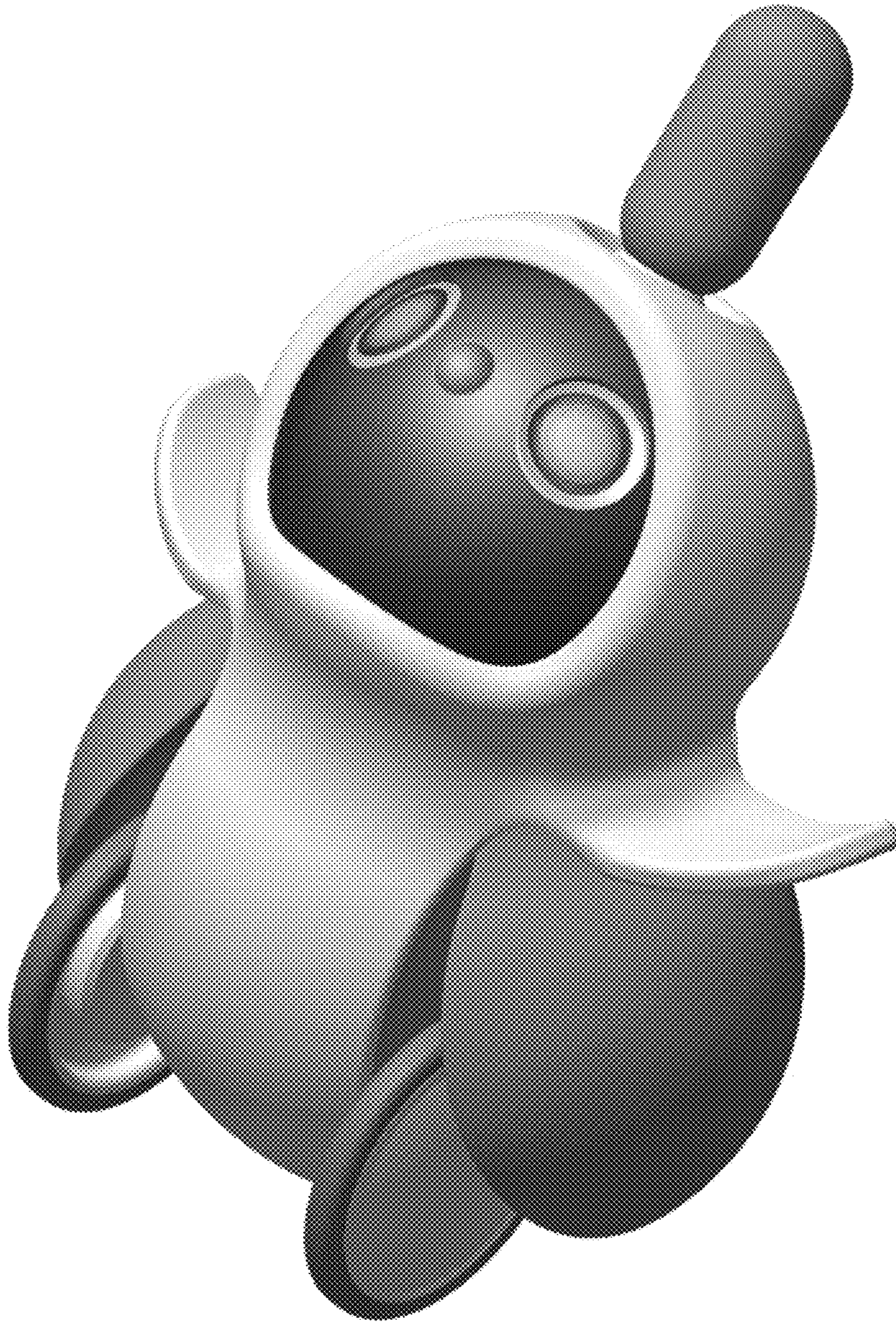


FIG. 1

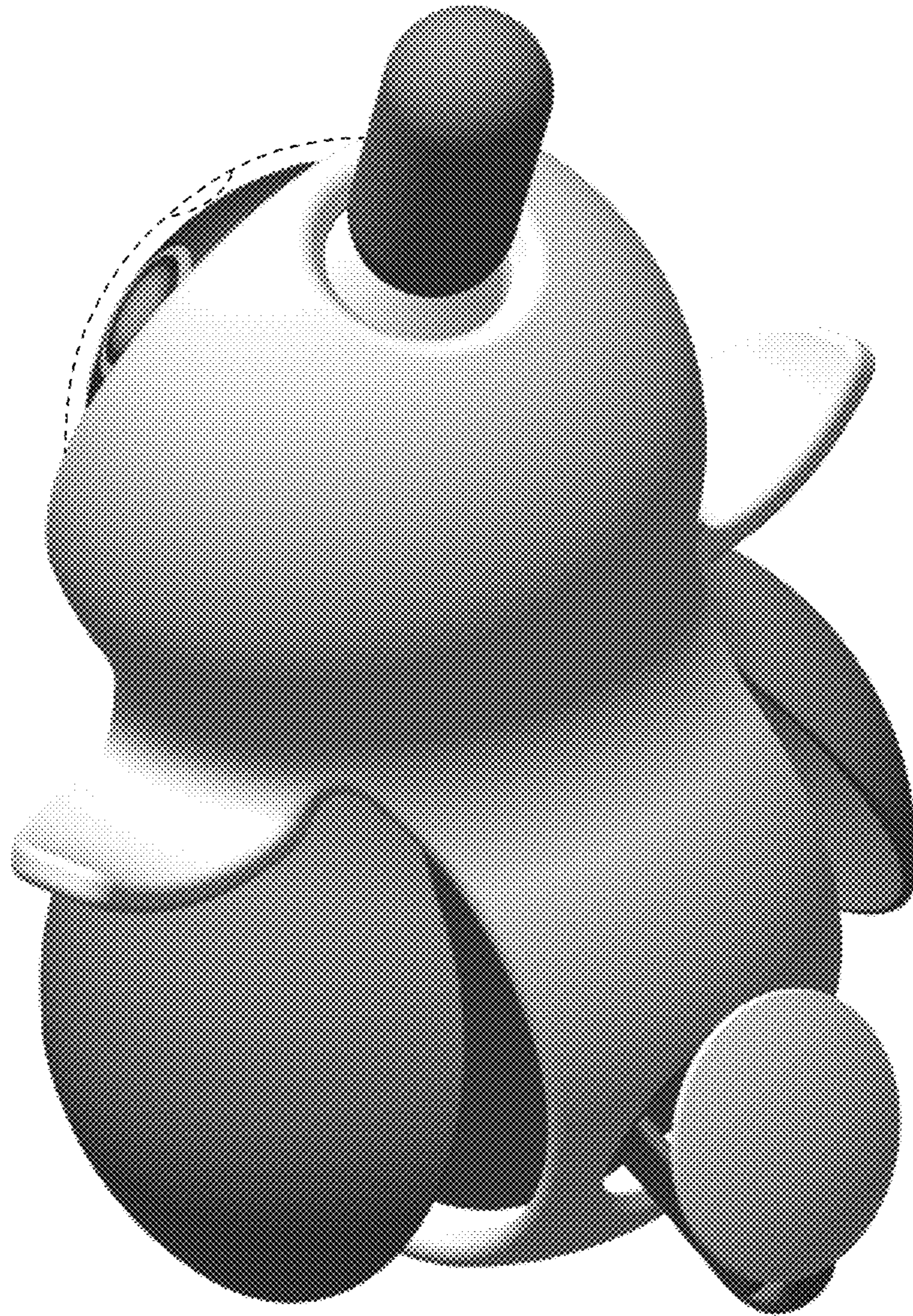


FIG. 2

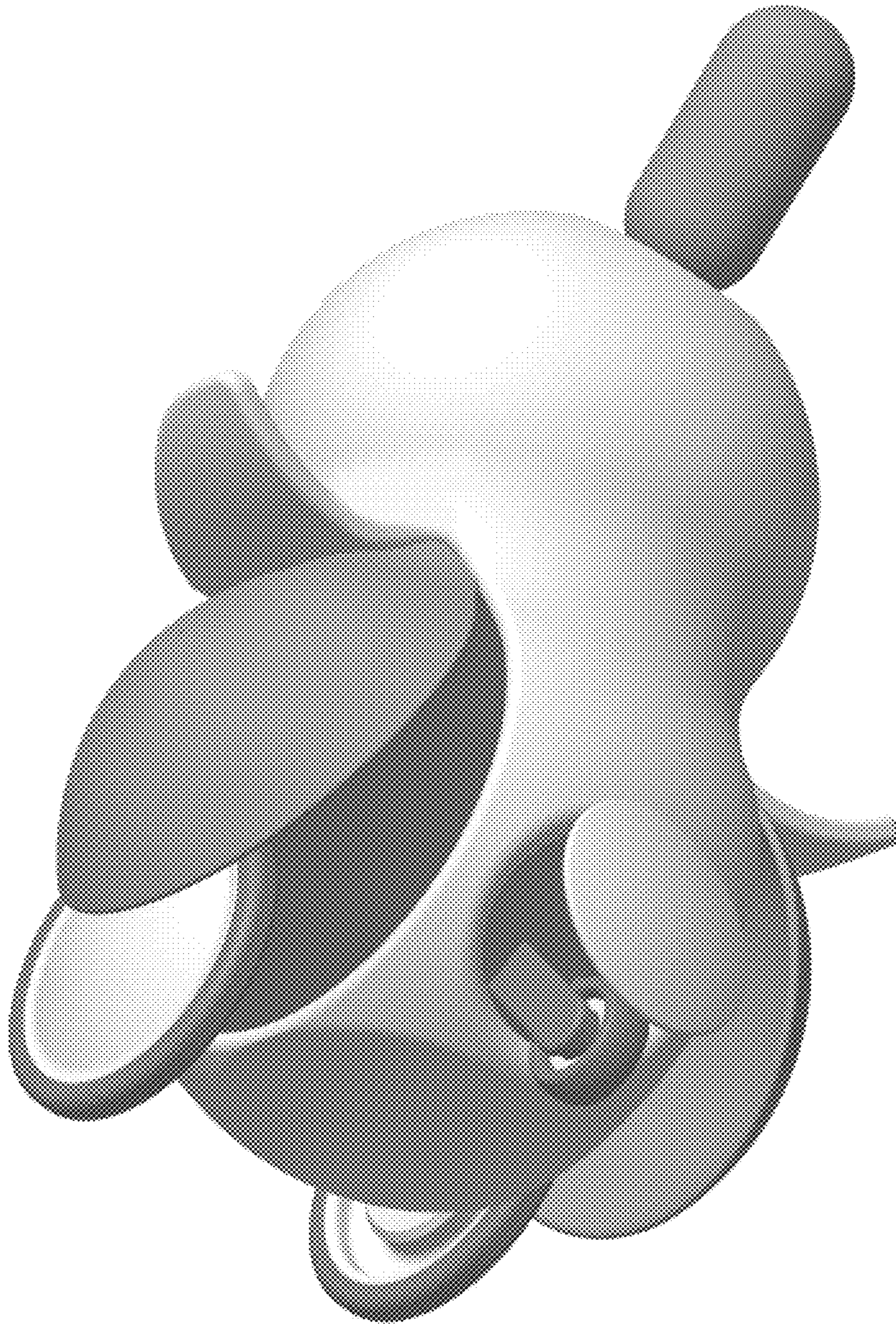


FIG. 3

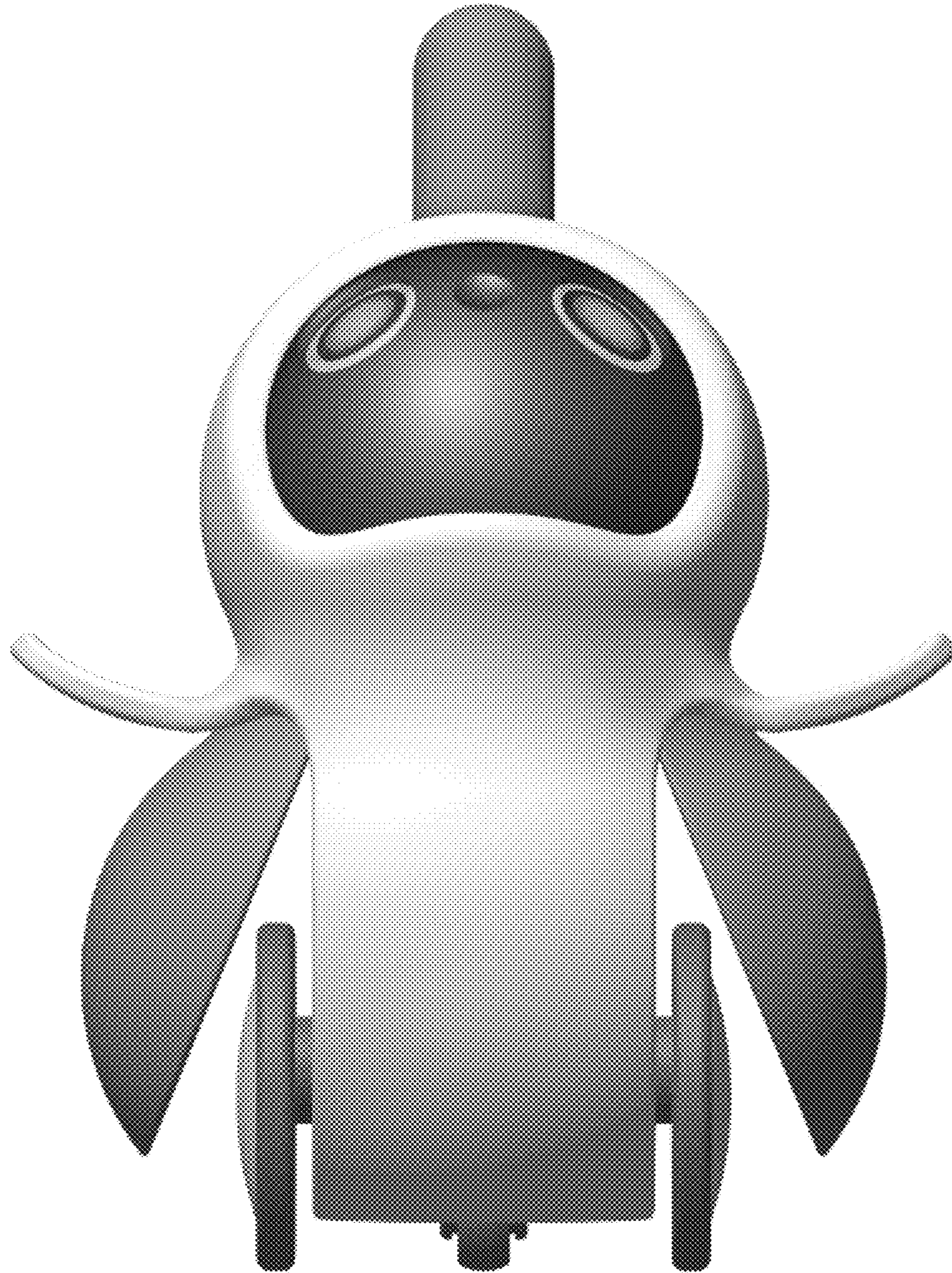


FIG. 4

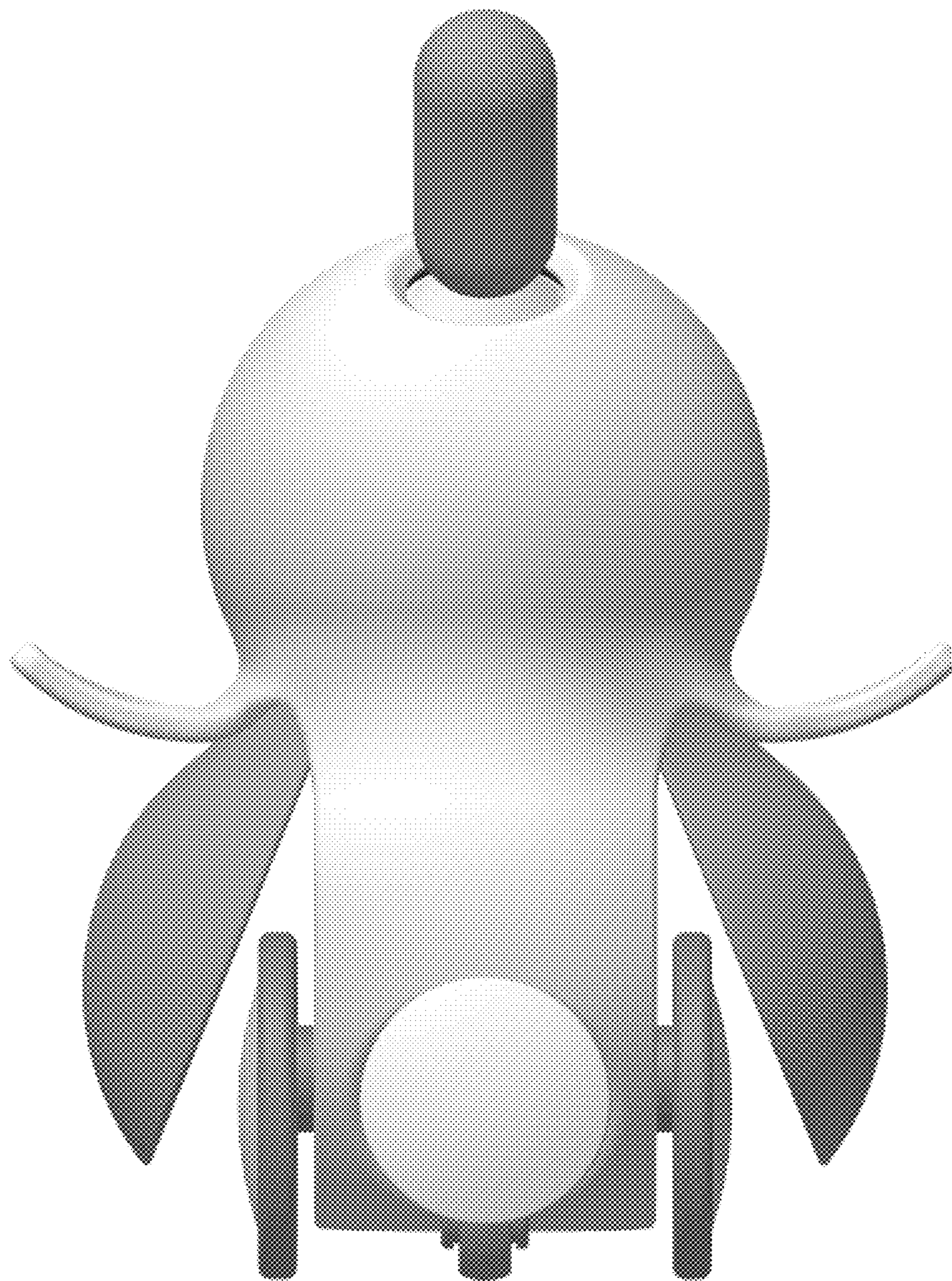


FIG. 5

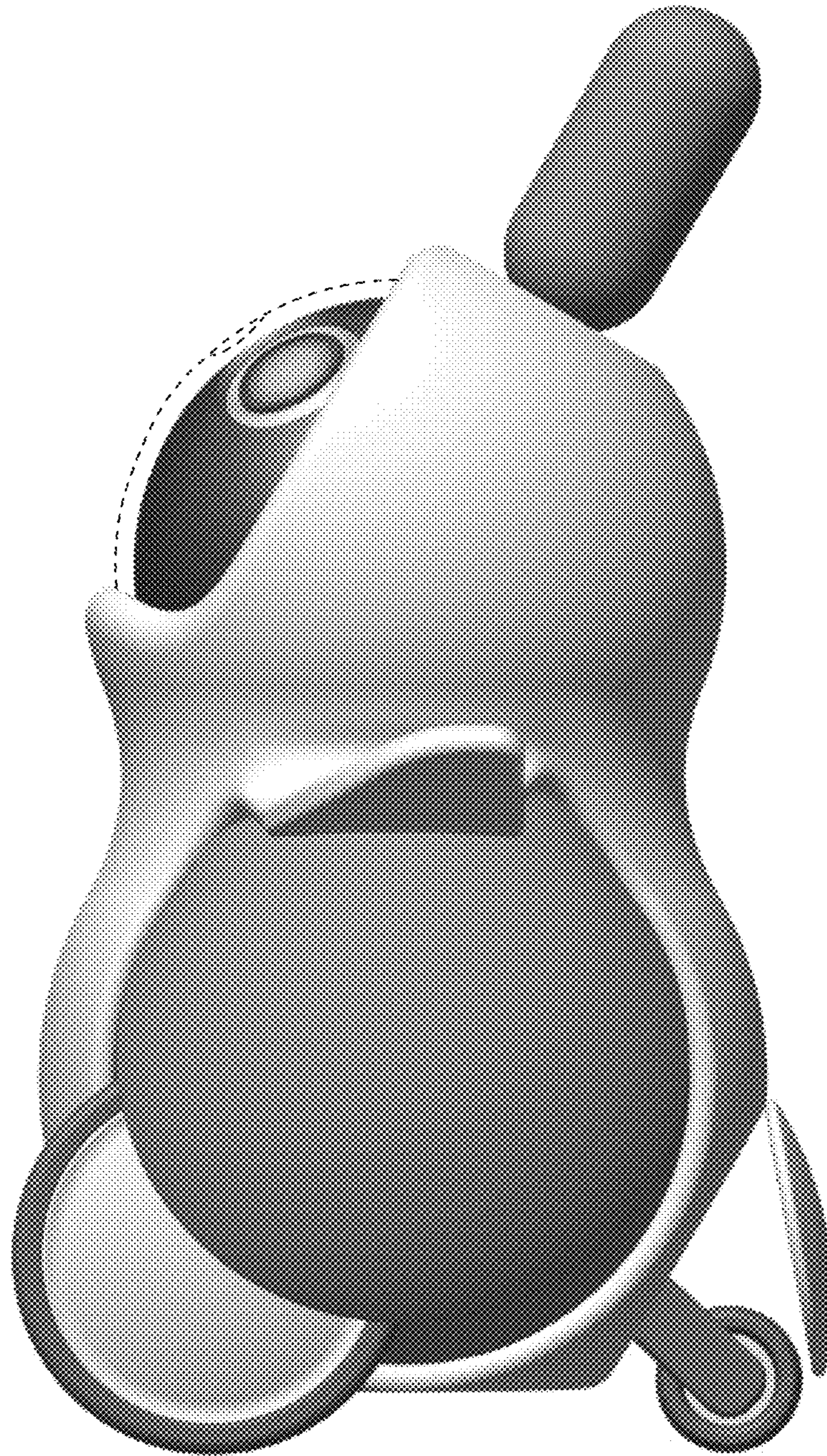


FIG. 6

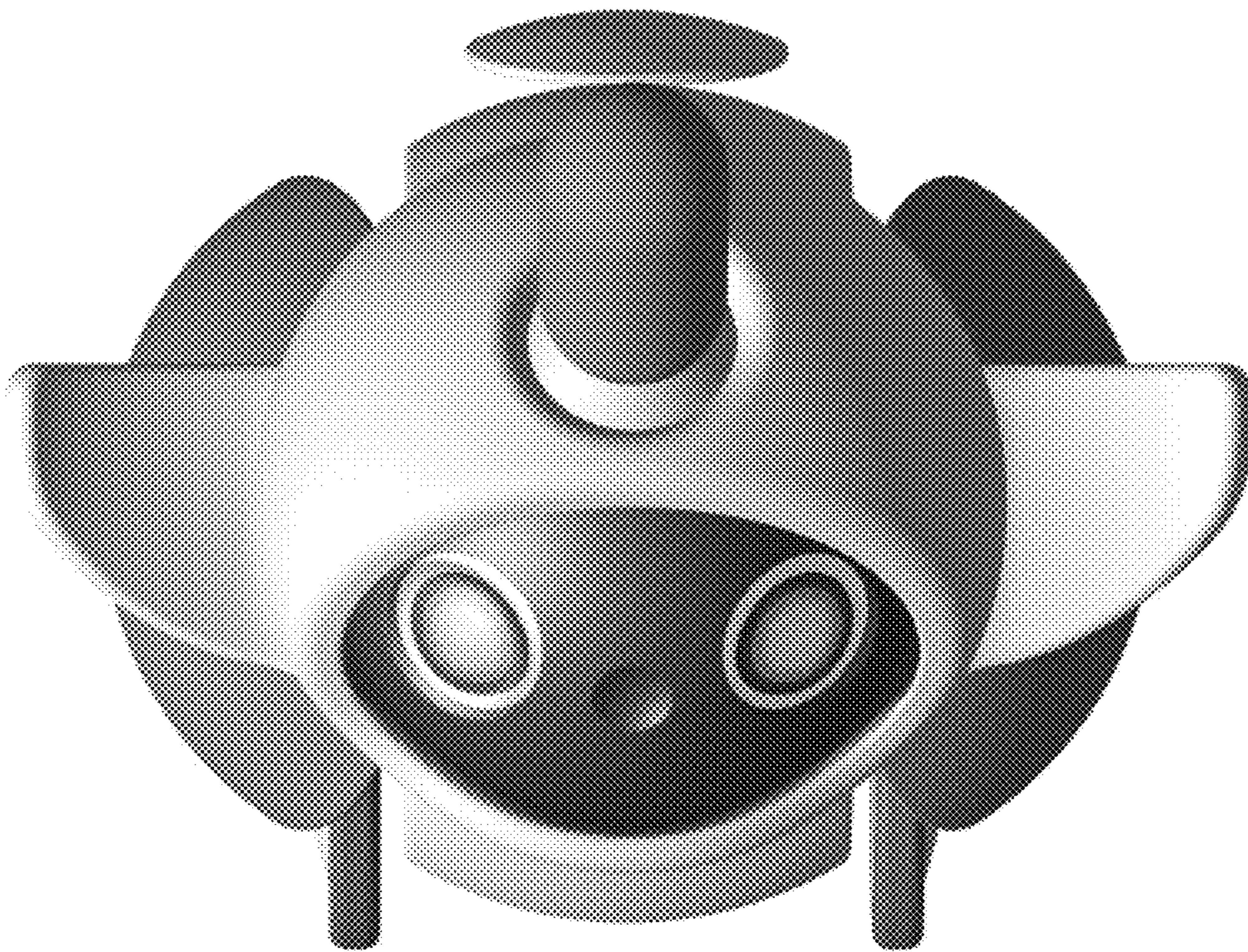


FIG. 7

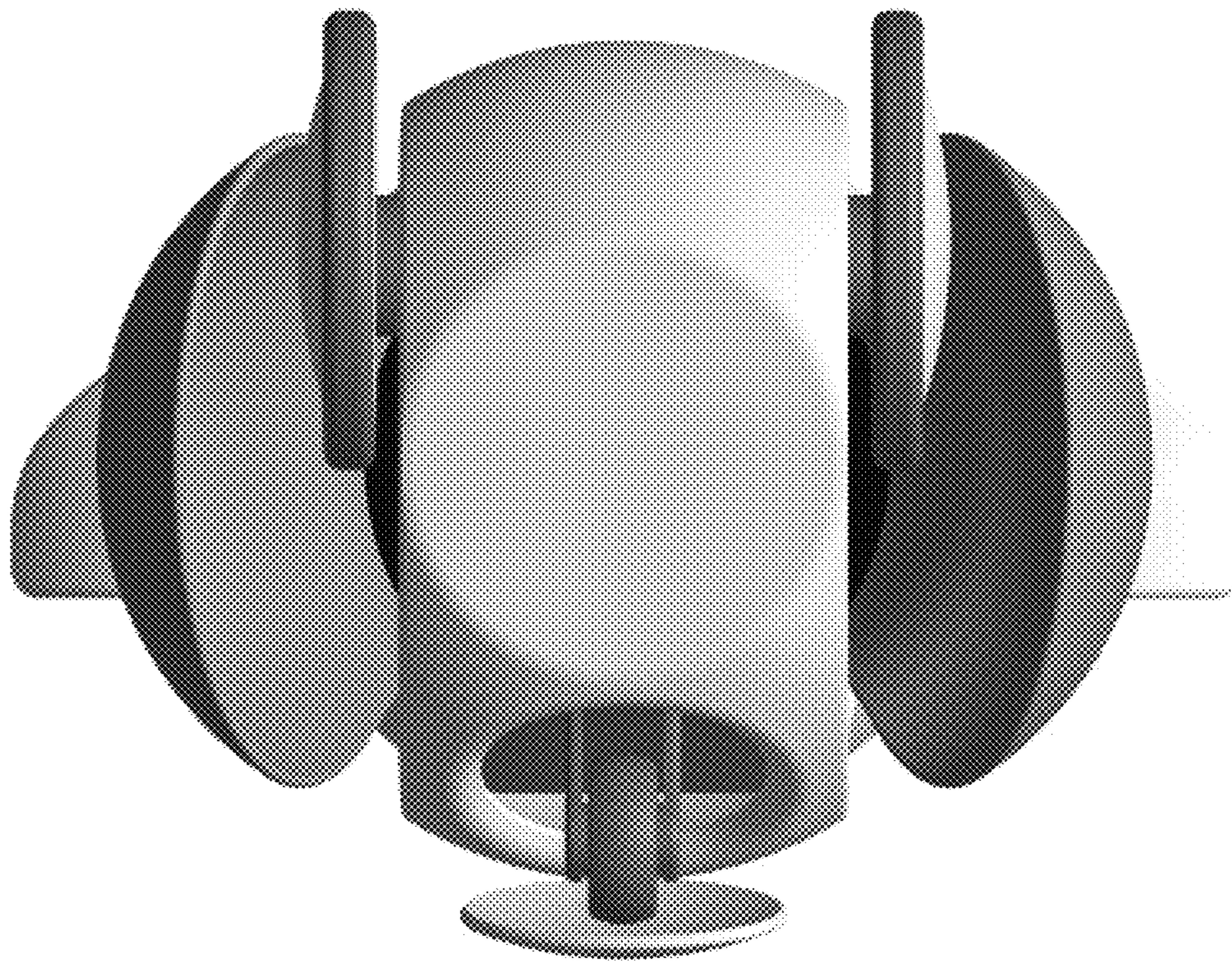


FIG. 8