



US00D956842S

(12) **United States Design Patent** (10) **Patent No.:** **US D956,842 S**
Lee et al. (45) **Date of Patent:** **** Jul. 5, 2022**

(54) **ROBOT FOR GUIDING PEOPLE**

B25J 19/00; B25J 9/0009; B25J 5/007;
B25J 9/0003

(71) Applicants: **HYUNDAI MOTOR COMPANY**,
Seoul (KR); **KIA MOTORS**
CORPORATION, Seoul (KR)

See application file for complete search history.

(72) Inventors: **Ji-A Lee**, Seoul (KR); **Byung-Ho Yoon**,
Seoul (KR); **Byeong-Cheol Lee**, Busan
(KR); **Seok-Young Youn**, Seoul (KR)

(56) **References Cited**

U.S. PATENT DOCUMENTS

(73) Assignees: **Hyundai Motor Company**, Seoul
(KR); **Kia Motors Corporation**, Seoul
(KR)

4,717,364	A	*	1/1988	Furukawa	.....	A63H 30/04 446/280
D298,766	S	*	11/1988	Tanno	.....	D21/578
D456,080	S	*	4/2002	Karlsson	.....	D24/185
D549,756	S	*	8/2007	Park	.....	D15/199
D563,443	S	*	3/2008	Ahn	.....	D15/199
D566,737	S	*	4/2008	Matsuda	.....	D15/199
D572,739	S	*	7/2008	Jennings	.....	D15/199
D579,035	S	*	10/2008	Kim	.....	B25J 11/008 D15/199
D608,804	S	*	1/2010	Labak	.....	D15/199
D631,074	S	*	1/2011	Peters	.....	D15/144
D635,603	S	*	4/2011	Paz Rodriguez	.....	D15/199
D644,256	S	*	8/2011	Kitano	.....	D15/199
D663,333	S	*	7/2012	Kitano	.....	D15/199
D675,656	S	*	2/2013	Sutherland	.....	D15/199
8,494,675	B2	*	7/2013	Ichinose	.....	G05D 1/024 700/258
8,620,547	B2	*	12/2013	Monsere	.....	B60T 7/042 701/22
D701,256	S	*	3/2014	Song	.....	D15/199
D720,378	S	*	12/2014	Dye	.....	D21/578

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

(21) Appl. No.: **35/511,442**

(22) Filed: **Feb. 1, 2021**

(80) **Hague Agreement Data**

Int. Filing Date: **Feb. 1, 2021**

Int. Reg. No.: **DM/212766**

Int. Reg. Date: **Feb. 1, 2021**

Int. Reg. Pub. Date: **Feb. 26, 2021**

(30) **Foreign Application Priority Data**

Nov. 23, 2020 (KR) 30-2020-0056687

(51) **LOC (13) Cl.** **15-99**

(52) **U.S. Cl.**
USPC **D15/199**
CPC **B25J 9/1694** (2013.01)

(58) **Field of Classification Search**
USPC D15/199; D12/91; D21/621, 622;
D34/28, 34
CPC B25J 9/1694; B25J 11/008; B25J 19/023;

(Continued)

Primary Examiner — Richard E Chilcot

(74) *Attorney, Agent, or Firm* — Fox Rothschild LLP

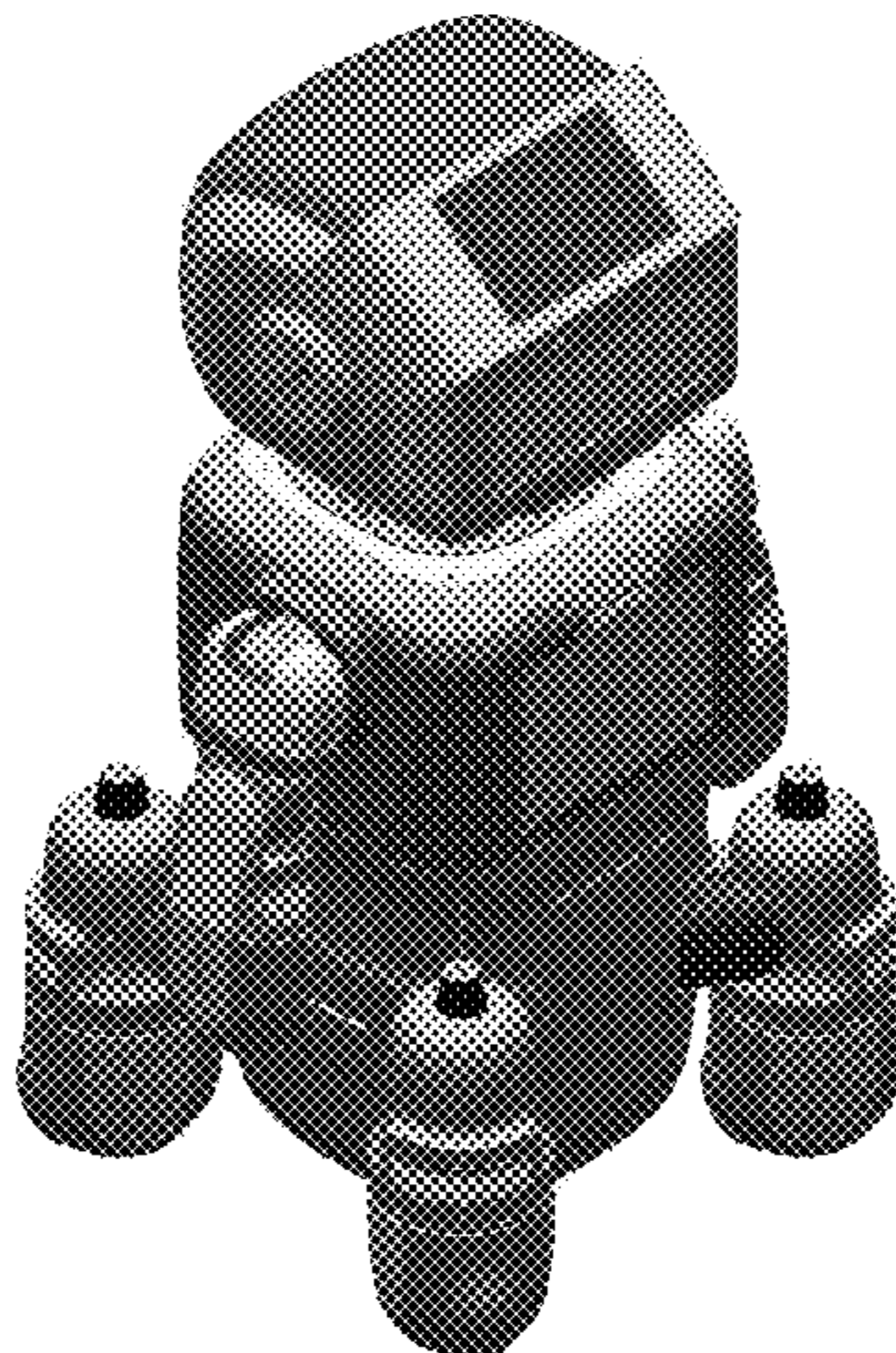
(57) **CLAIM**

The ornamental design for a robot for guiding people, as shown and described.

DESCRIPTION

1. Robot for guiding people
Reproduction 1.1 is a perspective view of robots for guiding people showing our new design;
Reproduction 1.2 is a front elevation view thereof;
Reproduction 1.3 is a rear elevation view thereof;
Reproduction 1.4 is a left side elevation view thereof;
Reproduction 1.5 is a right side elevation view thereof;

(Continued)



Reproduction 1.6 is a top plan view thereof;
 Reproduction 1.7 is a bottom plan view thereof; and
 Reproduction 1.8 is a perspective view from back thereof.

1 Claim, 8 Drawing Sheets

(56)

References Cited

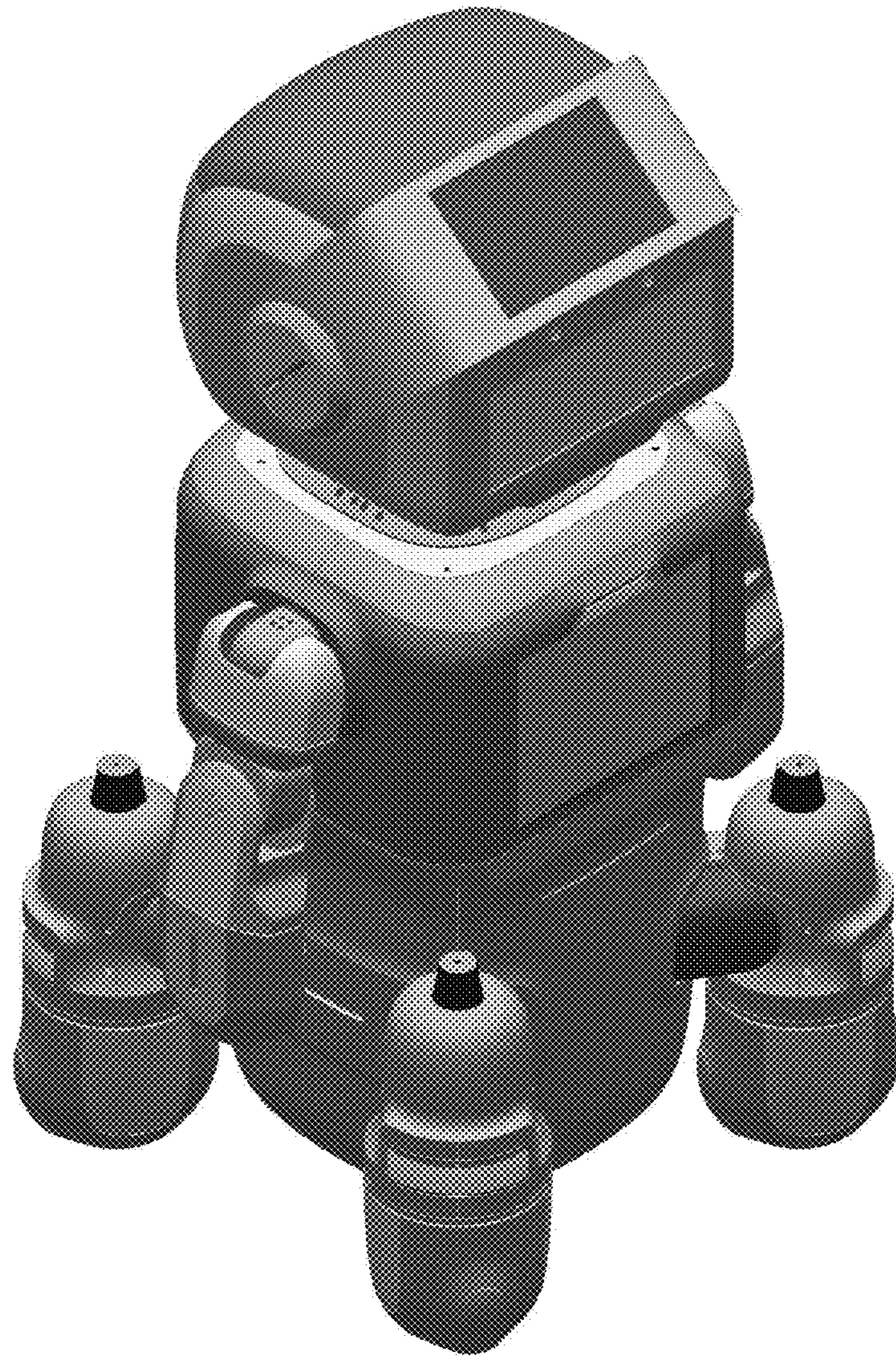
U.S. PATENT DOCUMENTS

8,935,006 B2 * 1/2015 Vu B25J 9/1697
 901/1
 D725,166 S * 3/2015 Paik D15/199
 D732,096 S * 6/2015 Jang D15/199
 D735,258 S * 7/2015 Jang D15/199
 D739,450 S * 9/2015 Jain D15/199
 D752,668 S * 3/2016 Pedersen D15/199
 9,291,698 B2 * 3/2016 Watanabe G01S 11/06
 D761,339 S * 7/2016 White, Jr. D15/199
 D761,894 S * 7/2016 Ho D21/578
 D769,953 S * 10/2016 Bauman D21/578
 9,469,031 B2 * 10/2016 Saito B25J 9/1676

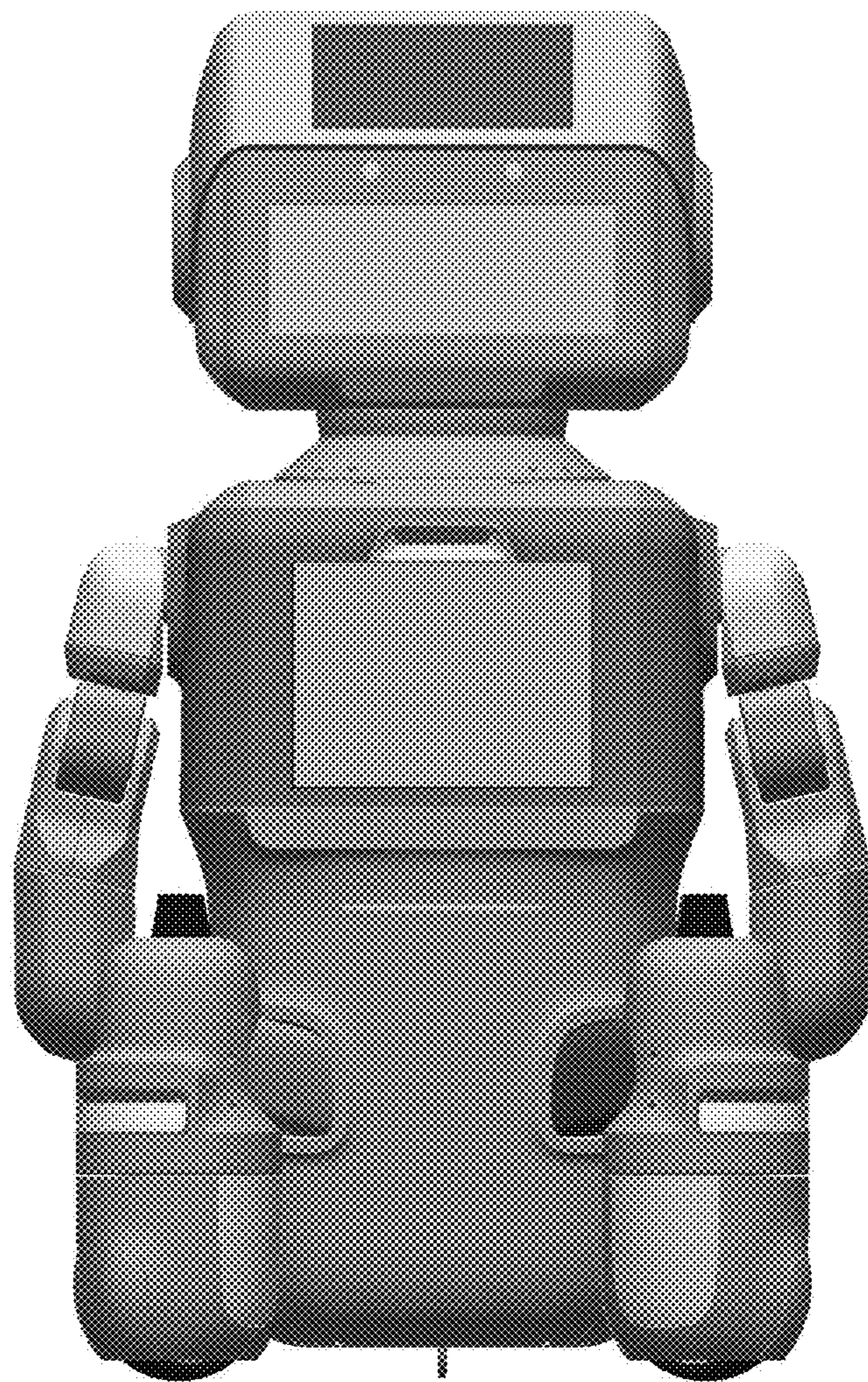
D781,945 S * 3/2017 Uno D21/578
 D802,040 S * 11/2017 Canoso D15/199
 D810,167 S * 2/2018 Yang D15/199
 D810,800 S * 2/2018 Wang D15/199
 D811,458 S * 2/2018 Wang D15/199
 D813,284 S * 3/2018 Wei D15/199
 D813,285 S * 3/2018 Wei D15/199
 D817,375 S * 5/2018 Deyle D15/199
 D820,334 S * 6/2018 Lee D15/199
 D826,303 S * 8/2018 Metta D21/578
 D839,334 S * 1/2019 Chen B25J 11/00
 D15/199
 D871,474 S * 12/2019 Kolb D15/199
 D884,764 S * 5/2020 Mori D15/199
 D884,765 S * 5/2020 Mori D15/199
 2007/0132419 A1 * 6/2007 Hashimoto B25J 5/007
 318/568.12
 2008/0147261 A1 * 6/2008 Ichinose G01C 22/006
 901/1
 2009/0169347 A1 * 7/2009 Teng H02J 7/0045
 414/401
 2015/0190927 A1 * 7/2015 Sutherland B25J 9/1689
 901/1
 2018/0178375 A1 * 6/2018 Yang B25J 9/1694

* cited by examiner

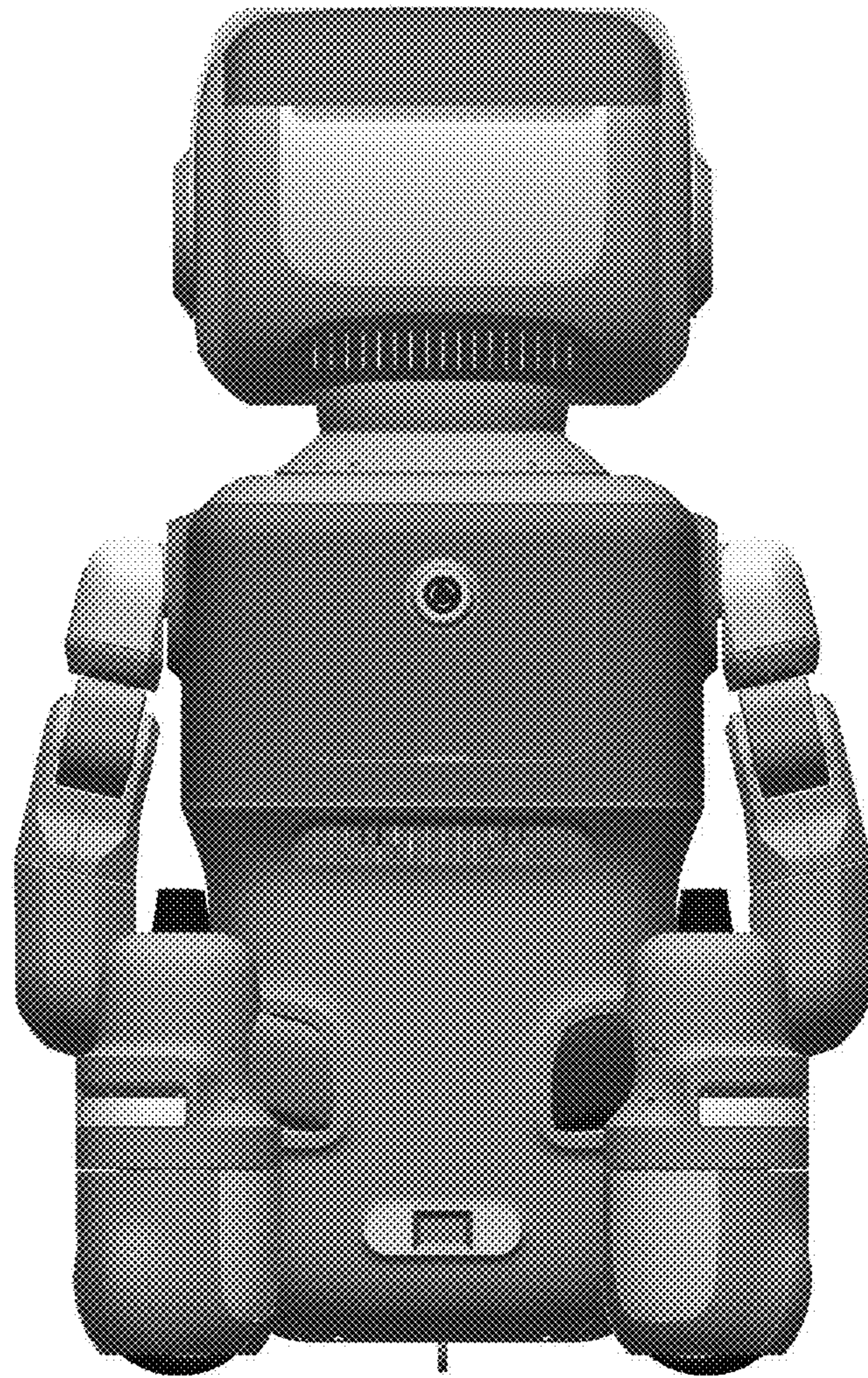
1.1



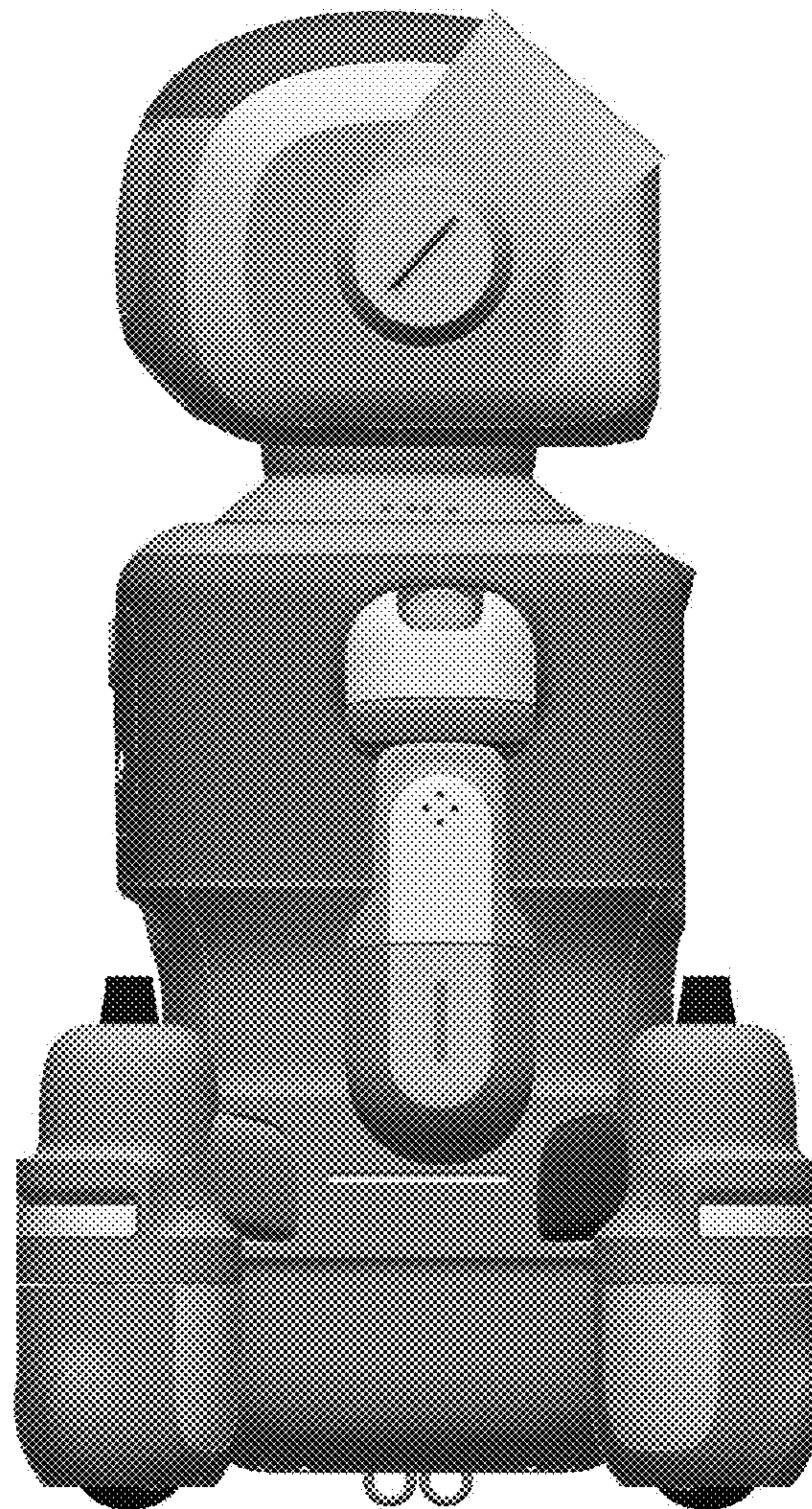
1.2



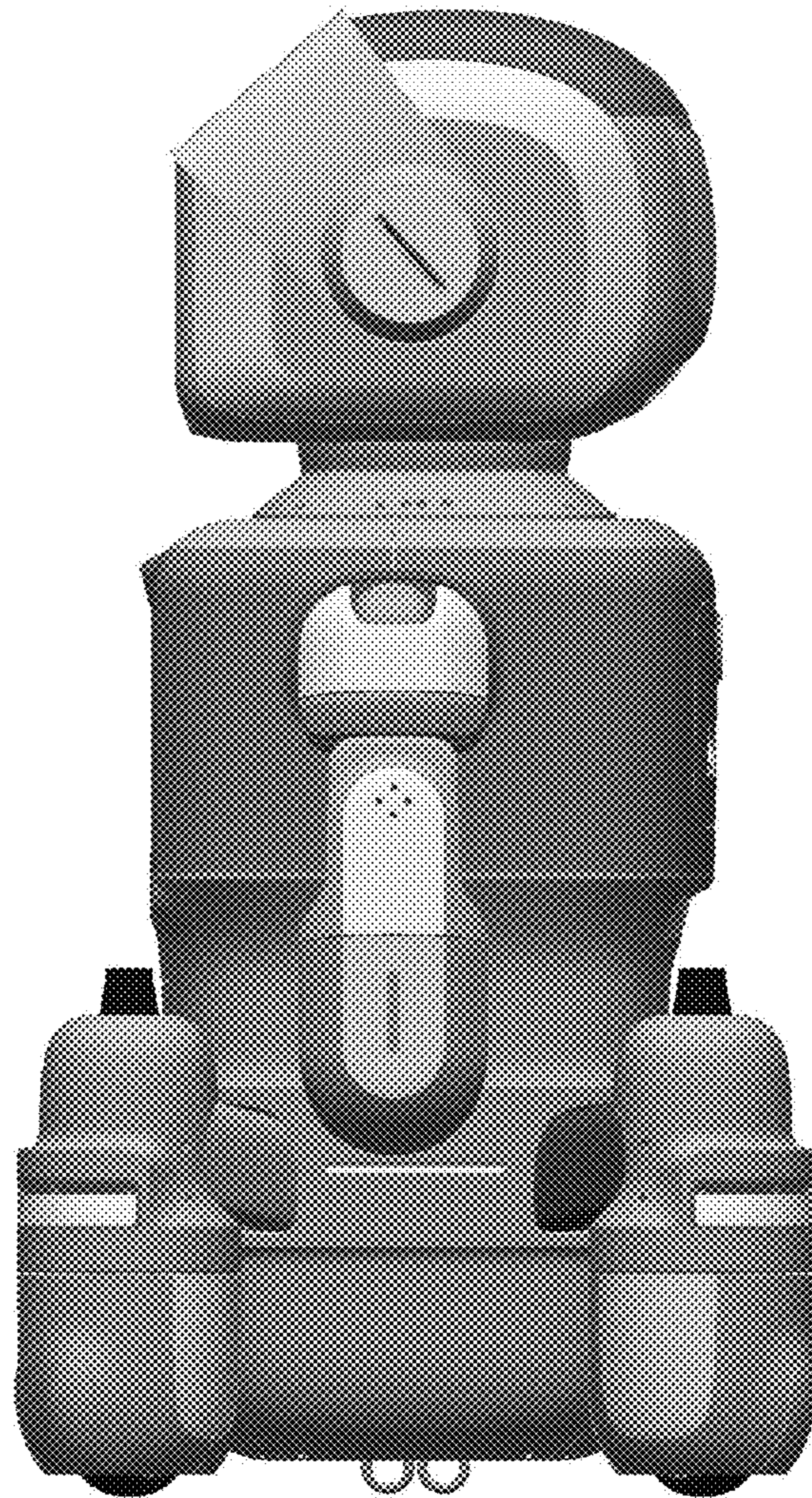
1.3



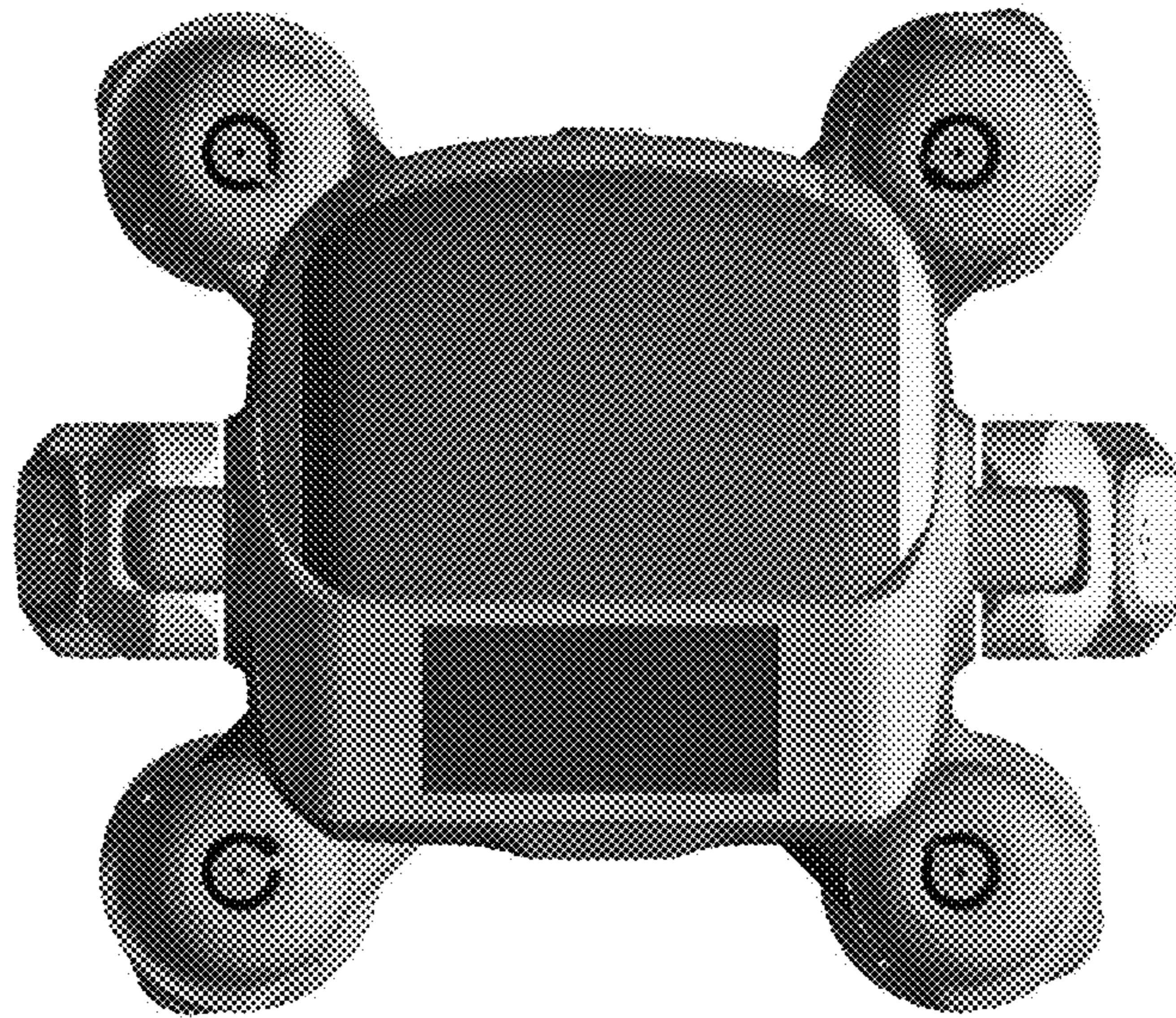
1.4



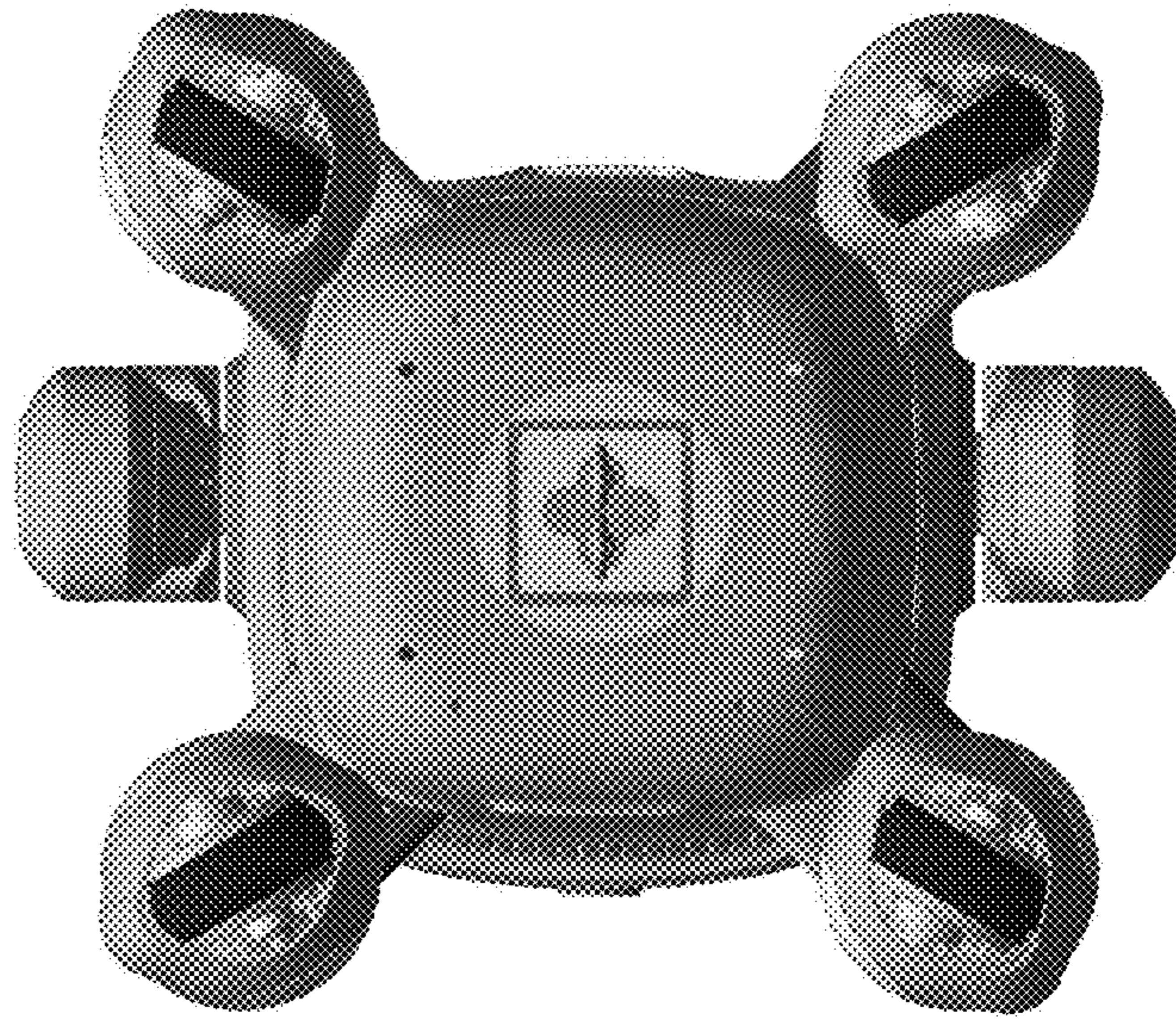
1.5



1.6



1.7



1.8

