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(12) **United States Design Patent**  
**Chen**

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(54) **MOBILE SERVICE ROBOT**  
(71) Applicant: **NINEBOT(BEIJING)TECH. CO., LTD.**, Beijing (CN)  
(72) Inventor: **Xingchi Chen**, Beijing (CN)  
(73) Assignee: **NINEBOT(BEIJING)TECH. CO., LTD.**, Beijing (CN)  
(\*\*) Term: **15 Years**

D494,099 S \* 8/2004 Maurer ..... D12/1  
6,907,949 B1 6/2005 Wang  
D507,206 S \* 7/2005 Wang ..... D12/1  
D528,468 S \* 9/2006 Arling ..... D12/1  
7,192,040 B2 3/2007 Xie  
D549,756 S \* 8/2007 Park ..... D15/199  
D551,592 S \* 9/2007 Chang ..... D12/1  
D551,722 S \* 9/2007 Chang ..... B62K 11/007  
D12/1  
D563,443 S \* 3/2008 Ahn ..... D15/199  
(Continued)

(21) Appl. No.: **35/503,620**  
(22) Filed: **May 19, 2017**

**FOREIGN PATENT DOCUMENTS**

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CN 302908898 S 8/2014  
CN 303541333 S 1/2016  
(Continued)

(30) **Foreign Application Priority Data**

**OTHER PUBLICATIONS**

Nov. 21, 2016 (CN) ..... 2016 3 0564685

Design U.S. Appl. No. 35/501,473, filed May 12, 2016.  
Design U.S. Appl. No. 35/503,123, filed Feb. 28, 2017.

(51) **LOC (11) Cl.** ..... **15-99**  
(52) **U.S. Cl.**  
USPC ..... **D15/199**  
CPC ..... **B25J 11/008** (2013.01)

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(58) **Field of Classification Search**  
USPC ..... D15/199; D12/1; D21/419-435, 533,  
D21/537, 760, 765, 771; 280/87.021,  
280/87.041, 200, 210, 214, 239, 263, 282,  
280/288.1-288.4; 180/180, 181, 21, 8.2,  
180/5.26, 6.5, 7.1, 65.8, 907  
CPC ..... B25J 11/00; B25J 11/008  
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a mobile service robot, as shown and described.

**DESCRIPTION**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D355,148 S \* 2/1995 Orsolini ..... D12/1  
6,561,294 B1 \* 5/2003 Kamen ..... B62D 37/00  
180/21  
D489,027 S \* 4/2004 Waters ..... D12/1  
D493,128 S \* 7/2004 Waters ..... D12/1

1.-2. Mobile service robot

**1.1** is a front perspective view of my new design for a mobile service robot

**1.2** is a front side elevation view of Figure 1.1

**1.3** is a back side elevation view of Figure 1.1

**1.4** is a left side elevation view of Figure 1.1

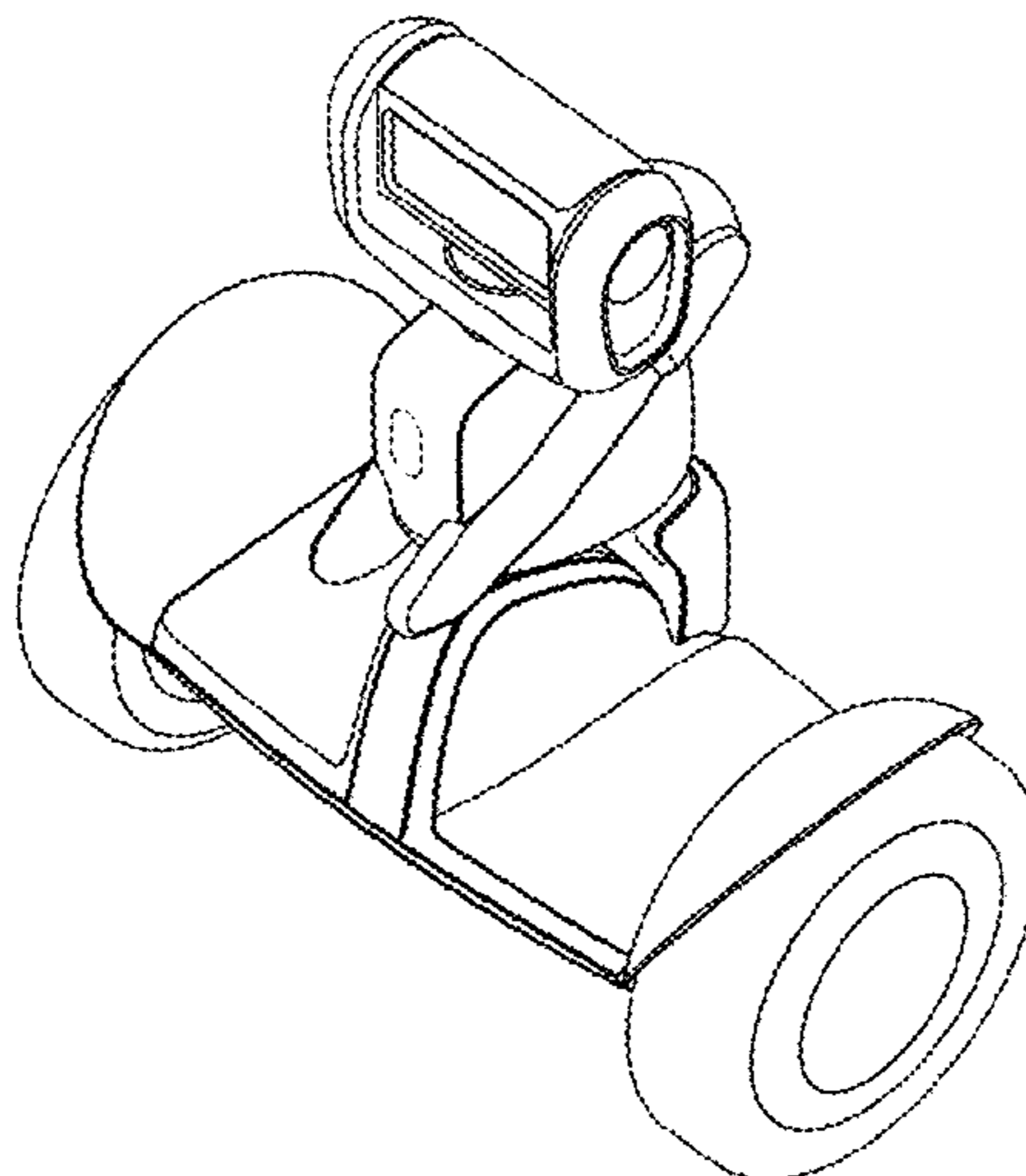
**1.5** is a right side elevation view of Figure 1.1

**1.6** is a top side plan view of Figure 1.1

**1.7** is a bottom side plan view of Figure 1.1

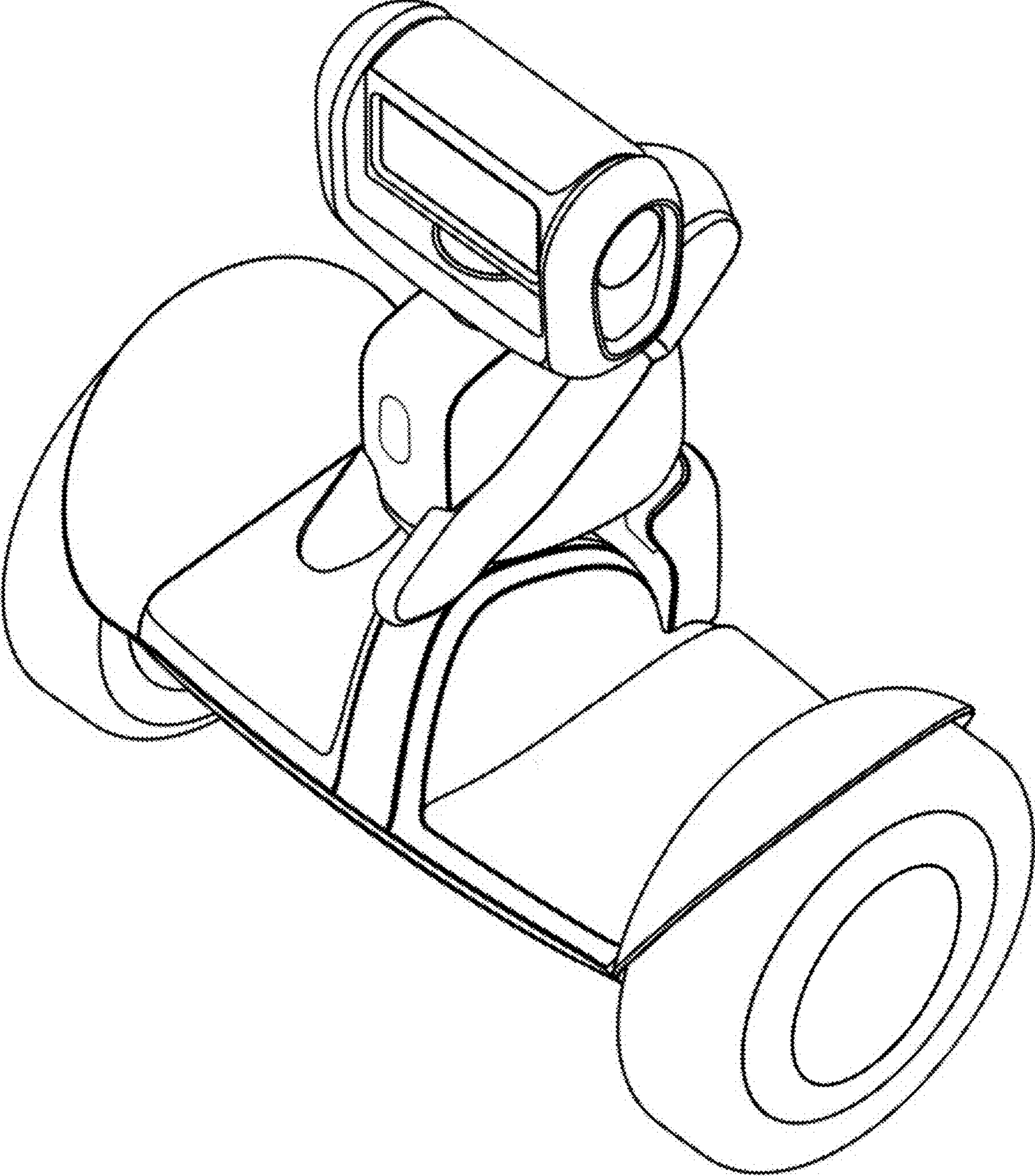
**1.8** is a perspective view of Figure 1.1 in the state of use.

**1 Claim, 8 Drawing Sheets**



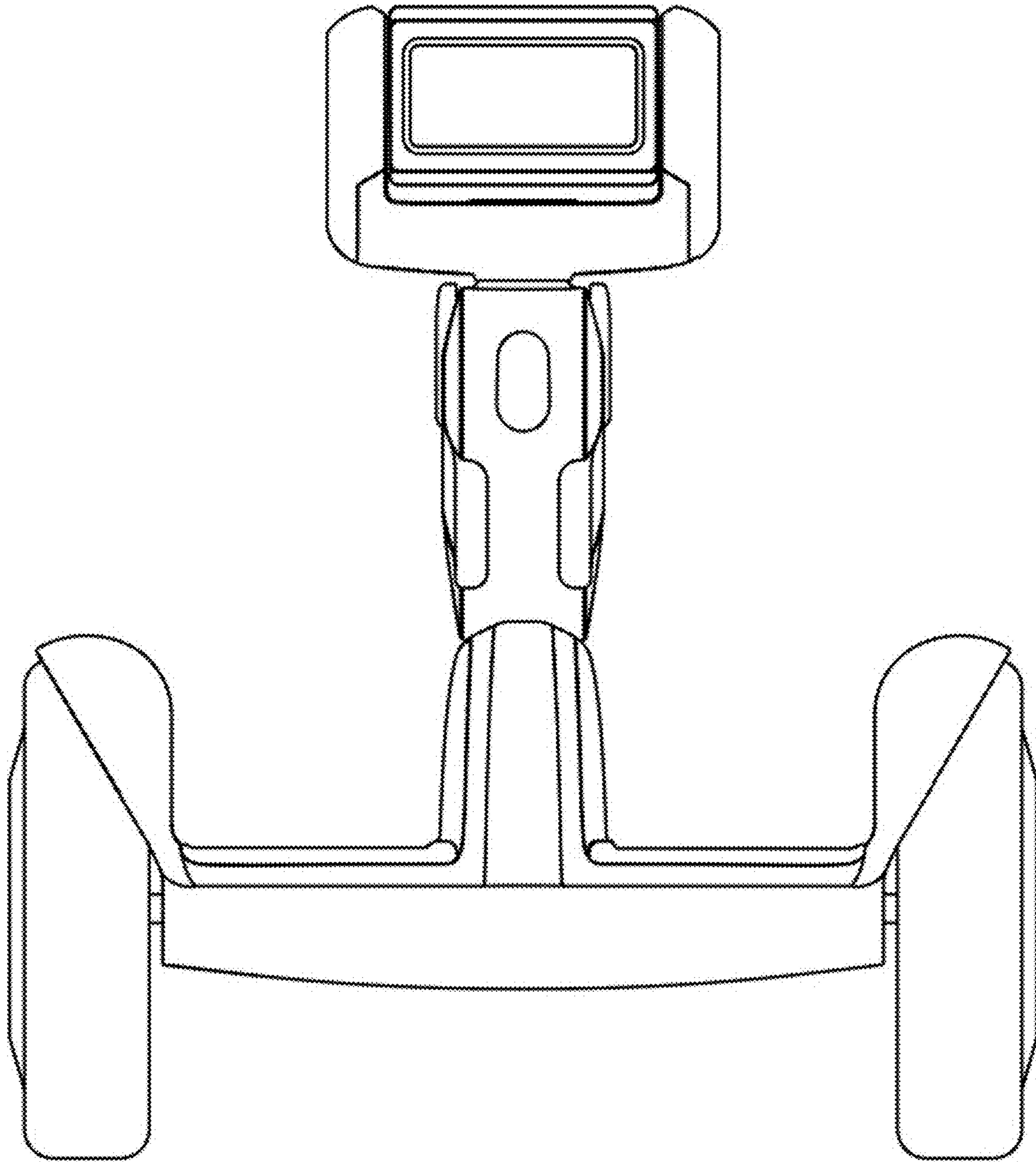


1.1

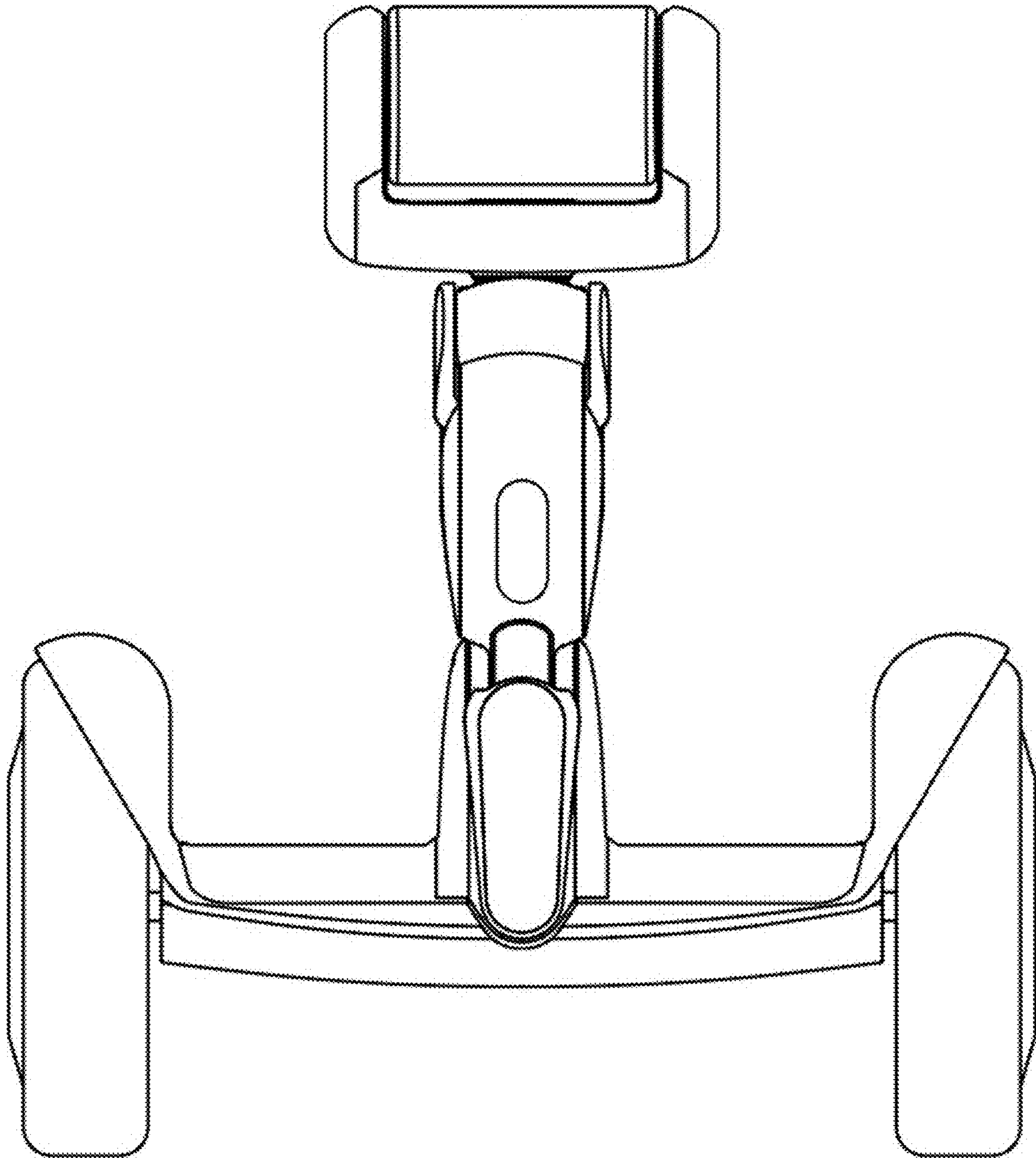




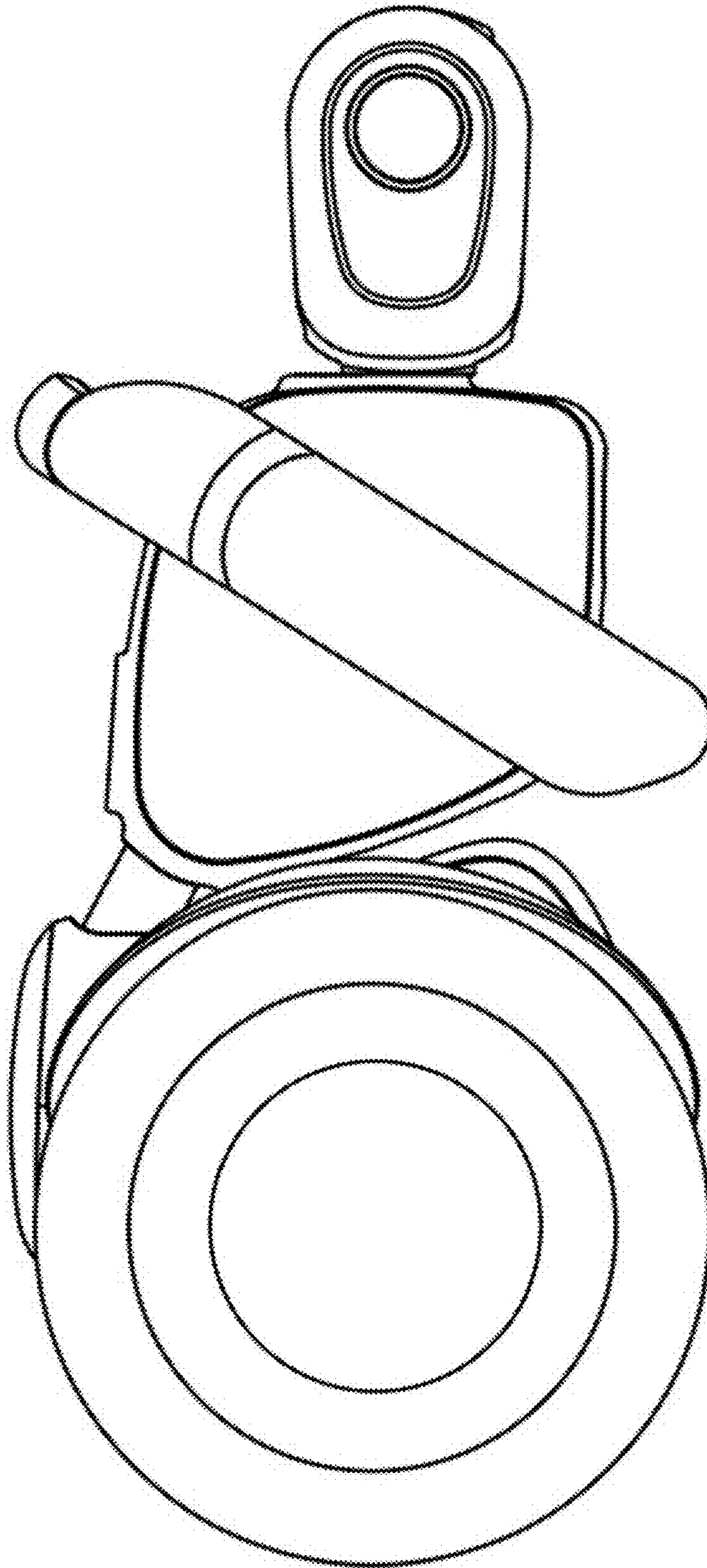
1.2



1.3

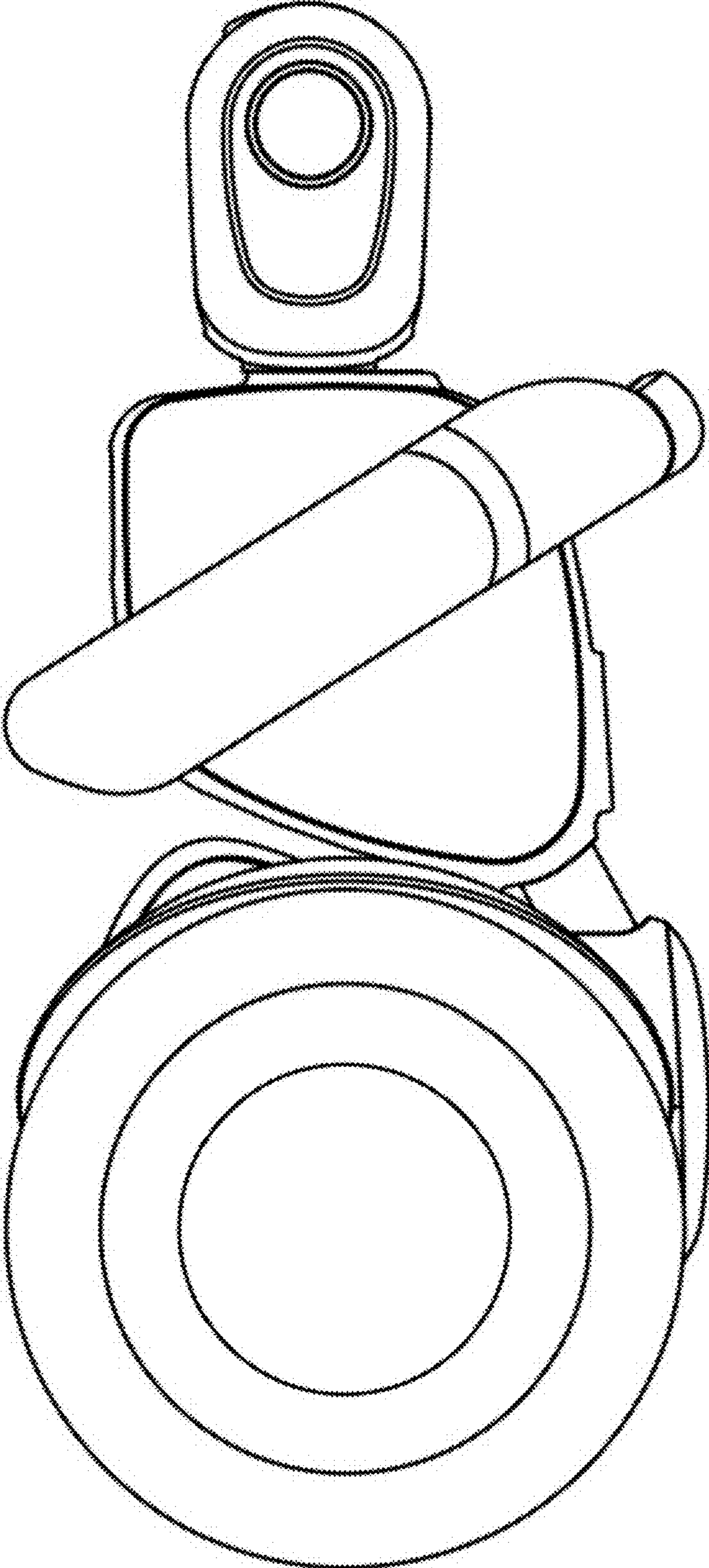


1.4

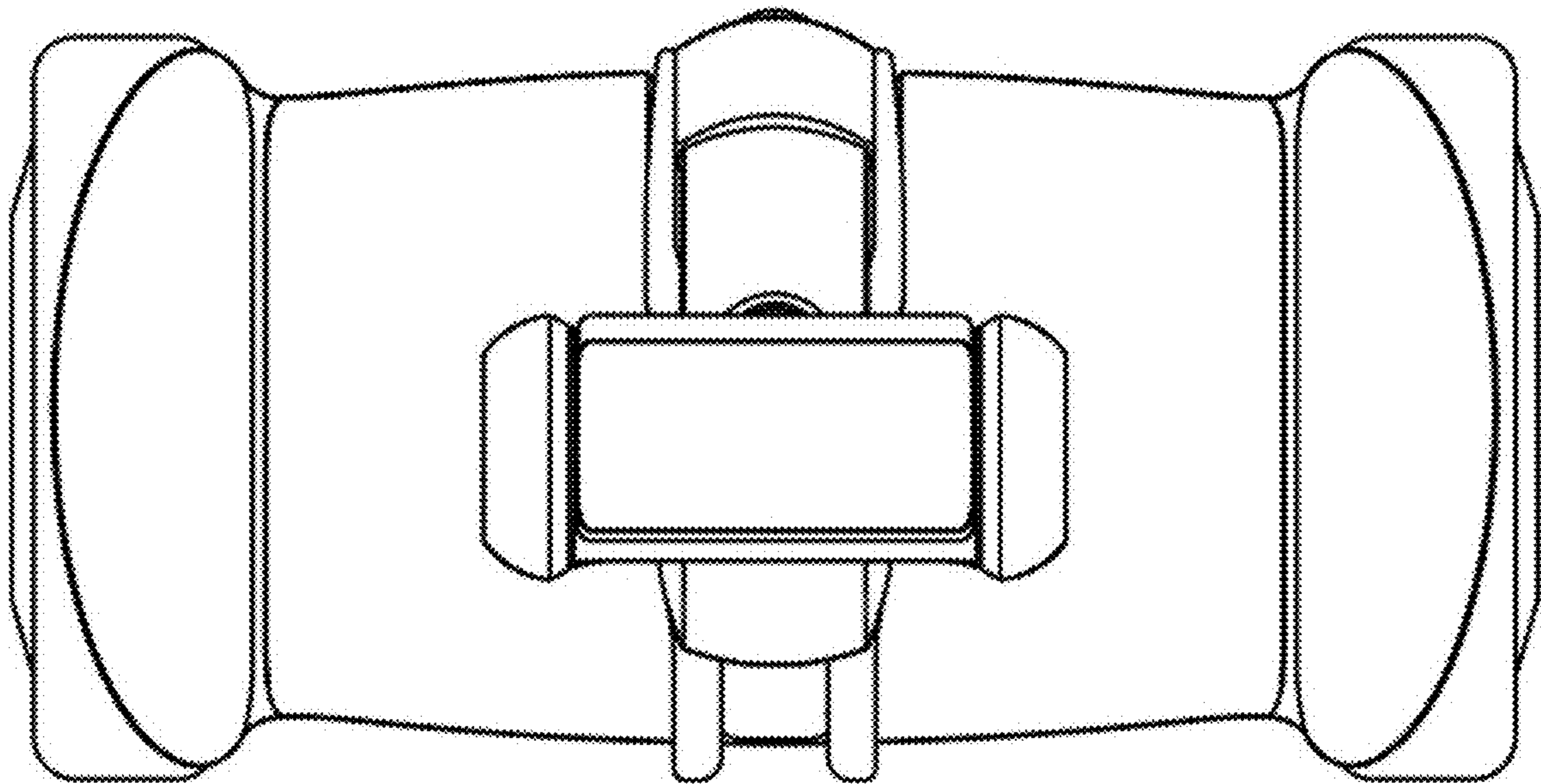




1.5

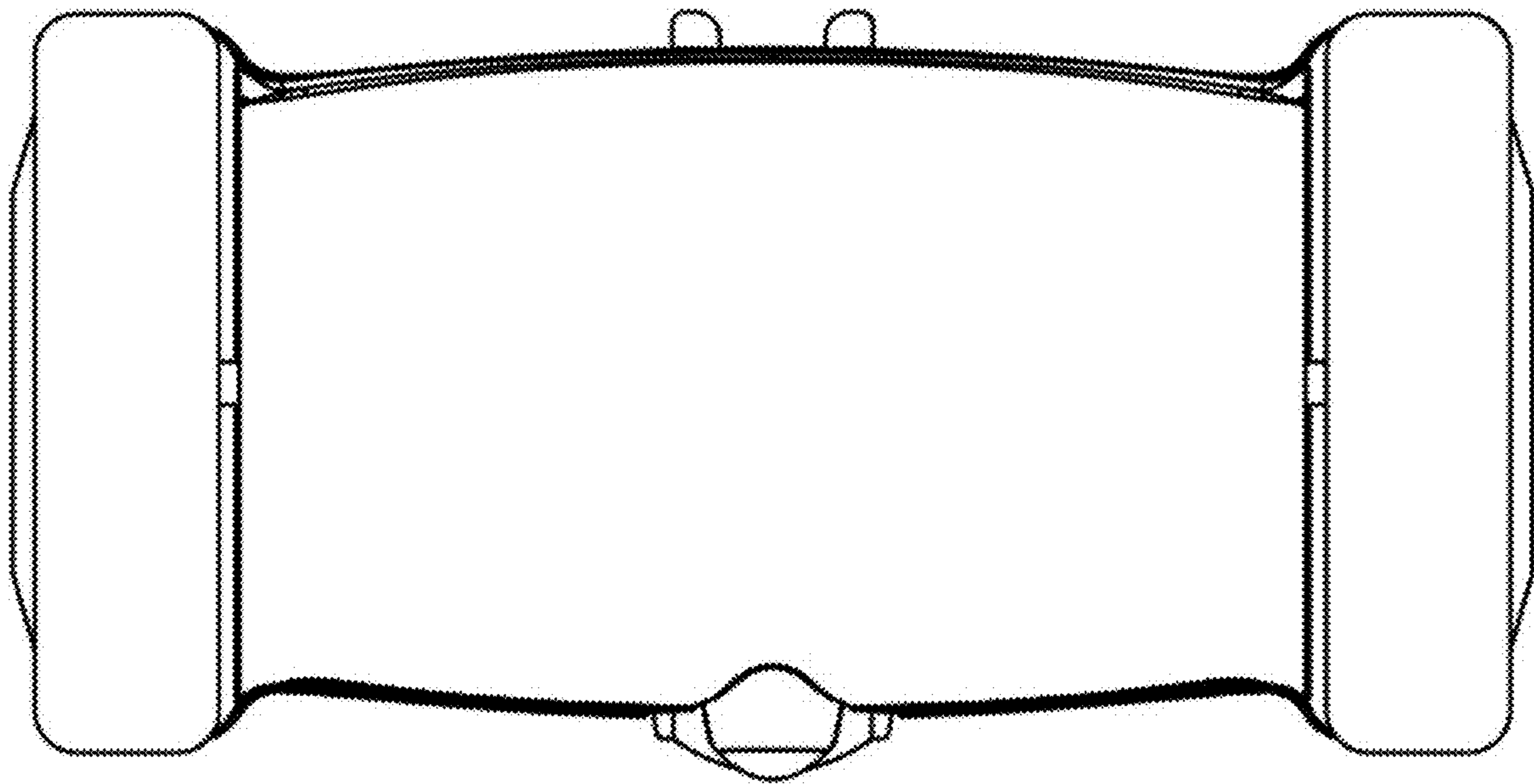


1.6





1.7



1.8

