



US00D916160S

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

(10) **Patent No.:** **US D916,160 S**

(45) **Date of Patent:** **\*\* Apr. 13, 2021**

(54) **ROBOT**

z6.jpg&displayTab=enh&productid=861718666&totCount=0, published Feb. 16, 2016, HJ27061587.

(71) Applicant: **SONY CORPORATION**, Tokyo (JP)

(Continued)

(72) Inventor: **Noriaki Takagi**, Kanagawa (JP)

*Primary Examiner* — Patricia A Palasik

(73) Assignee: **SONY CORPORATION**, Tokyo (JP)

(74) *Attorney, Agent, or Firm* — Michael Best and Friedrich LLP

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

(57) **CLAIM**

(21) Appl. No.: **29/645,961**

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

(22) Filed: **Apr. 30, 2018**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Oct. 31, 2017 (JP) ..... 2017-024344 U

Oct. 31, 2017 (JP) ..... 2017-024345 U

(Continued)

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

(52) **U.S. Cl.**

USPC ..... **D15/199**

(58) **Field of Classification Search**

USPC ..... D15/199; D21/578–583, 621, 622

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D431,270 S 9/2000 Kawakita et al.

D445,849 S \* 7/2001 Saito ..... D21/578

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP D1142021 S 5/2002

JP D1144578 S 6/2002

JP D1163694 S 1/2003

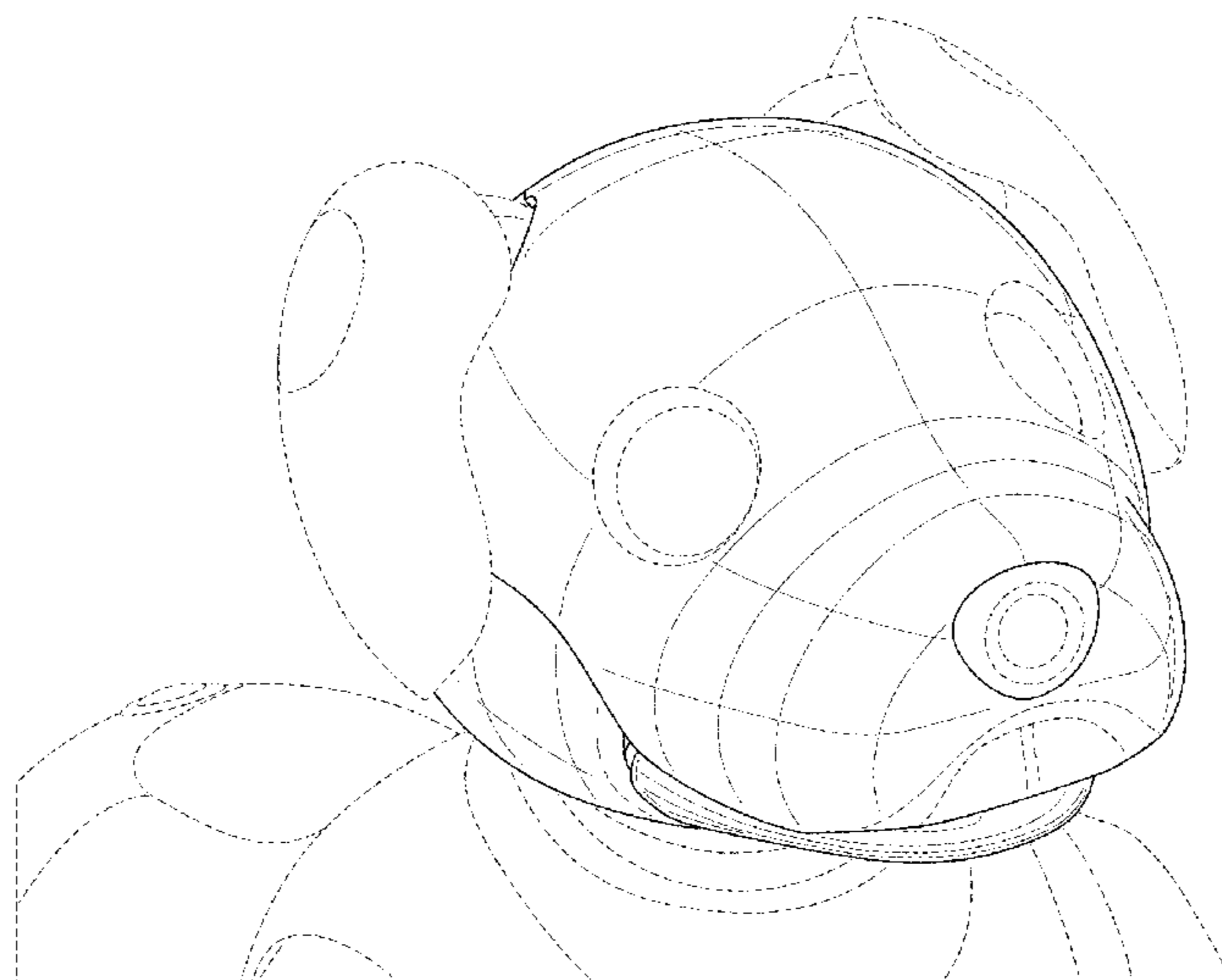
**OTHER PUBLICATIONS**

Toys R Us, Website, [https://www.toysrus.com/product/prodpop.jst?LargeimageURL=/graphics/product\\_images/pTRU1-23515993enh-](https://www.toysrus.com/product/prodpop.jst?LargeimageURL=/graphics/product_images/pTRU1-23515993enh-)

FIG. 1 is a partially enlarged right side perspective view of a first embodiment of a robot showing my new design; FIG. 2 is a partially enlarged front, top, left perspective view thereof; FIG. 3 is a partially enlarged top, right perspective view thereof; FIG. 4 is a front, top, right perspective view thereof; FIG. 5 is a front elevational view thereof; FIG. 6 is a rear elevational view thereof; FIG. 7 is a right side elevational view thereof, a left side elevational view thereof being a mirror image; FIG. 8 is a top plan view thereof; and FIG. 9 is a bottom plan view thereof. FIG. 10 is a partially enlarged right side perspective view of a second embodiment of a robot showing my new design; FIG. 11 is a partially enlarged front, top, left perspective view thereof; FIG. 12 is a partially enlarged top, right perspective view thereof; FIG. 13 is a front, top, right perspective view thereof; FIG. 14 is a front elevational view thereof; FIG. 15 is a rear elevational view thereof; FIG. 16 is a right side elevational view thereof, a left side elevational view thereof being a mirror image; FIG. 17 is a top plan view thereof; and, FIG. 18 is a bottom plan view thereof.

The broken lines shown in the drawings depict portions of the robot that form no part of the claimed design.

**1 Claim, 18 Drawing Sheets**



(30) Foreign Application Priority Data

Oct. 31, 2017 (JP) ..... 2017-024346 U  
 Oct. 31, 2017 (JP) ..... 2017-024347 U  
 Oct. 31, 2017 (JP) ..... 2017-024348 U  
 Oct. 31, 2017 (JP) ..... 2017-024349 U  
 Oct. 31, 2017 (JP) ..... 2017-024350 U  
 Oct. 31, 2017 (JP) ..... 2017-024351 U  
 Oct. 31, 2017 (JP) ..... 2017-024352 U  
 Dec. 29, 2017 (CN) ..... 201730683664.7  
 Jan. 4, 2018 (JP) ..... 2018-000008 U  
 Mar. 28, 2018 (JP) ..... 2018-006711 U  
 Mar. 28, 2018 (JP) ..... 2018-006712 U  
 Mar. 28, 2018 (JP) ..... 2018-006713 U  
 Mar. 28, 2018 (JP) ..... 2018-006714 U  
 Mar. 28, 2018 (JP) ..... 2018-006715 U  
 Mar. 28, 2018 (JP) ..... 2018-006716 U  
 Mar. 28, 2018 (JP) ..... 2018-006717 U  
 Mar. 28, 2018 (JP) ..... 2018-006718 U  
 Mar. 28, 2018 (JP) ..... 2018-006719 U  
 Mar. 28, 2018 (JP) ..... 2018-006720 U  
 Mar. 28, 2018 (JP) ..... 2018-006721 U  
 Apr. 21, 2018 (JP) ..... 2018-008811 U  
 Apr. 21, 2018 (JP) ..... 2018-008812 U  
 Apr. 21, 2018 (JP) ..... 2018-008813 U  
 Apr. 24, 2018 (JP) ..... 2018-009055 U  
 Apr. 24, 2018 (JP) ..... 2018-009056 U

(58) Field of Classification Search

CPC ..... A63H 3/48; A63H 11/20; A63H 30/04;  
 A63H 2200/00

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D448,433 S \* 9/2001 Ueda ..... D21/578  
 D454,378 S \* 3/2002 Hornsby ..... D21/578  
 6,362,589 B1 \* 3/2002 Inoue ..... G05D 1/0088  
 318/568.1  
 D457,203 S \* 5/2002 Onishi ..... D21/578  
 D457,205 S \* 5/2002 Hornsby ..... D21/578

6,462,498 B1 \* 10/2002 Filo ..... B62D 57/022  
 318/568.11  
 D467,289 S 12/2002 Kawakita et al.  
 D467,630 S \* 12/2002 Kawakita ..... D21/578  
 D467,983 S \* 12/2002 Yamazaki ..... D21/585  
 D468,374 S \* 1/2003 So ..... D21/578  
 D468,375 S \* 1/2003 So ..... D21/578  
 6,615,109 B1 \* 9/2003 Matsuoka ..... G06K 17/00  
 700/223  
 6,620,024 B2 \* 9/2003 Choi ..... A63H 11/00  
 318/568.2  
 6,668,211 B1 \* 12/2003 Fujita ..... G05B 19/0426  
 198/571  
 6,705,917 B2 \* 3/2004 Filo ..... A63H 11/20  
 180/8.1  
 D511,188 S 11/2005 Takeda et al.  
 D566,794 S \* 4/2008 Judkins ..... D21/576  
 D566,795 S \* 4/2008 Judkins ..... D21/578  
 D572,319 S \* 7/2008 Yuen ..... D21/584  
 D667,510 S \* 9/2012 Hayakawa ..... D21/578  
 D848,549 S \* 5/2019 Cummings ..... D21/611  
 D848,550 S \* 5/2019 Cummings ..... D21/611  
 D848,552 S \* 5/2019 Cummings ..... D21/620  
 2001/0029147 A1 \* 10/2001 Hornsby ..... A63H 11/20  
 446/356  
 2002/0024312 A1 \* 2/2002 Takagi ..... A63H 30/04  
 318/568.12  
 2002/0089297 A1 \* 7/2002 Filo ..... B62D 57/022  
 318/568.12  
 2002/0111113 A1 \* 8/2002 Filo ..... A63H 11/20  
 446/355  
 2002/0183896 A1 \* 12/2002 Ogure ..... A63H 11/00  
 700/245  
 2003/0019671 A1 \* 1/2003 Inoue ..... A63H 3/006  
 180/8.1  
 2004/0153211 A1 \* 8/2004 Kamoto ..... A63H 11/00  
 700/245  
 2007/0213872 A1 \* 9/2007 Matsuzaki ..... A63H 11/00  
 700/245  
 2012/0315821 A1 \* 12/2012 Hayakawa ..... A63F 13/02  
 446/297

OTHER PUBLICATIONS

Office Action issued in Japanese Patent Application No. D2018-006721, dated Aug. 24, 2018.

\* cited by examiner

FIG. 1

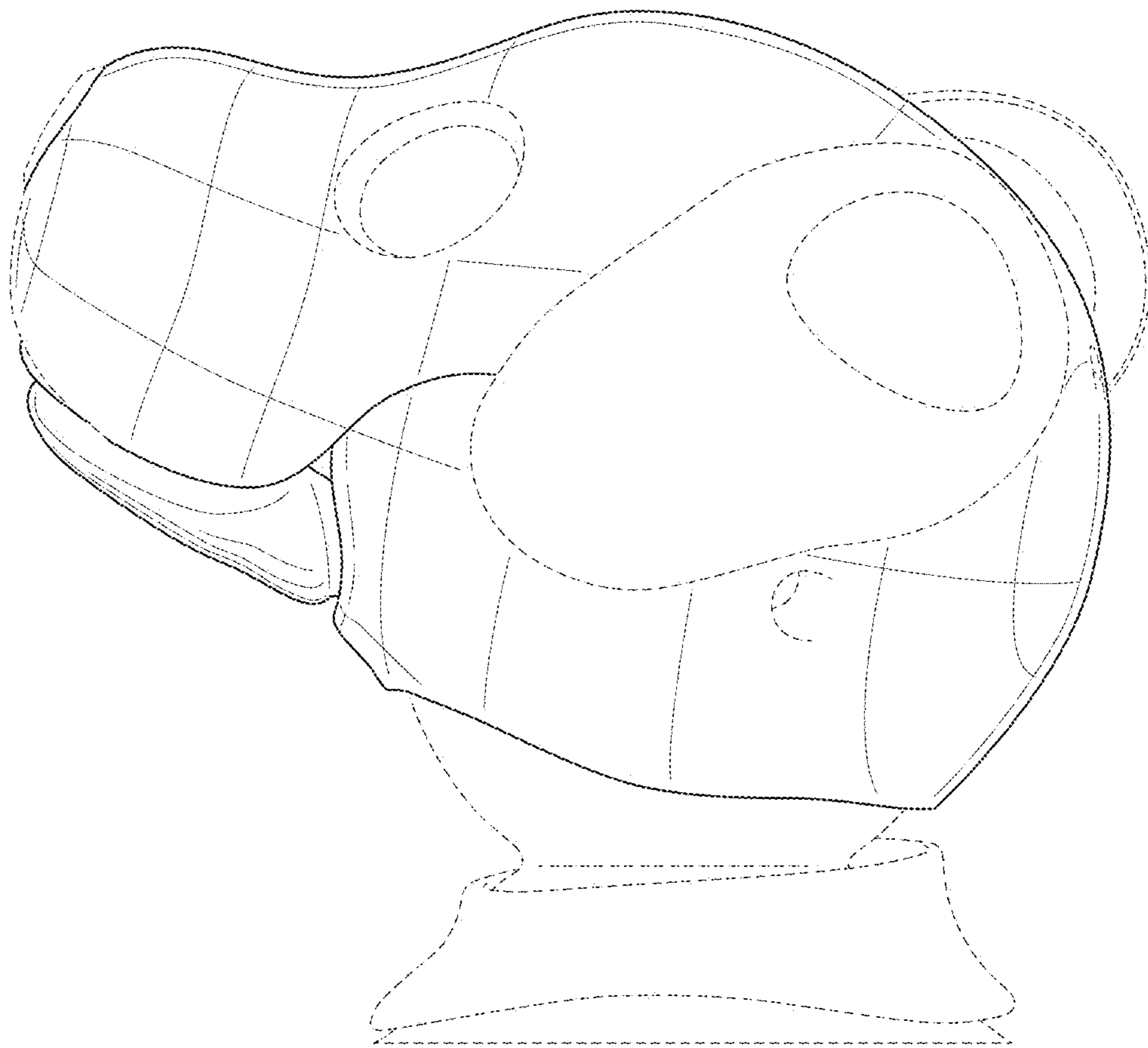


FIG.2

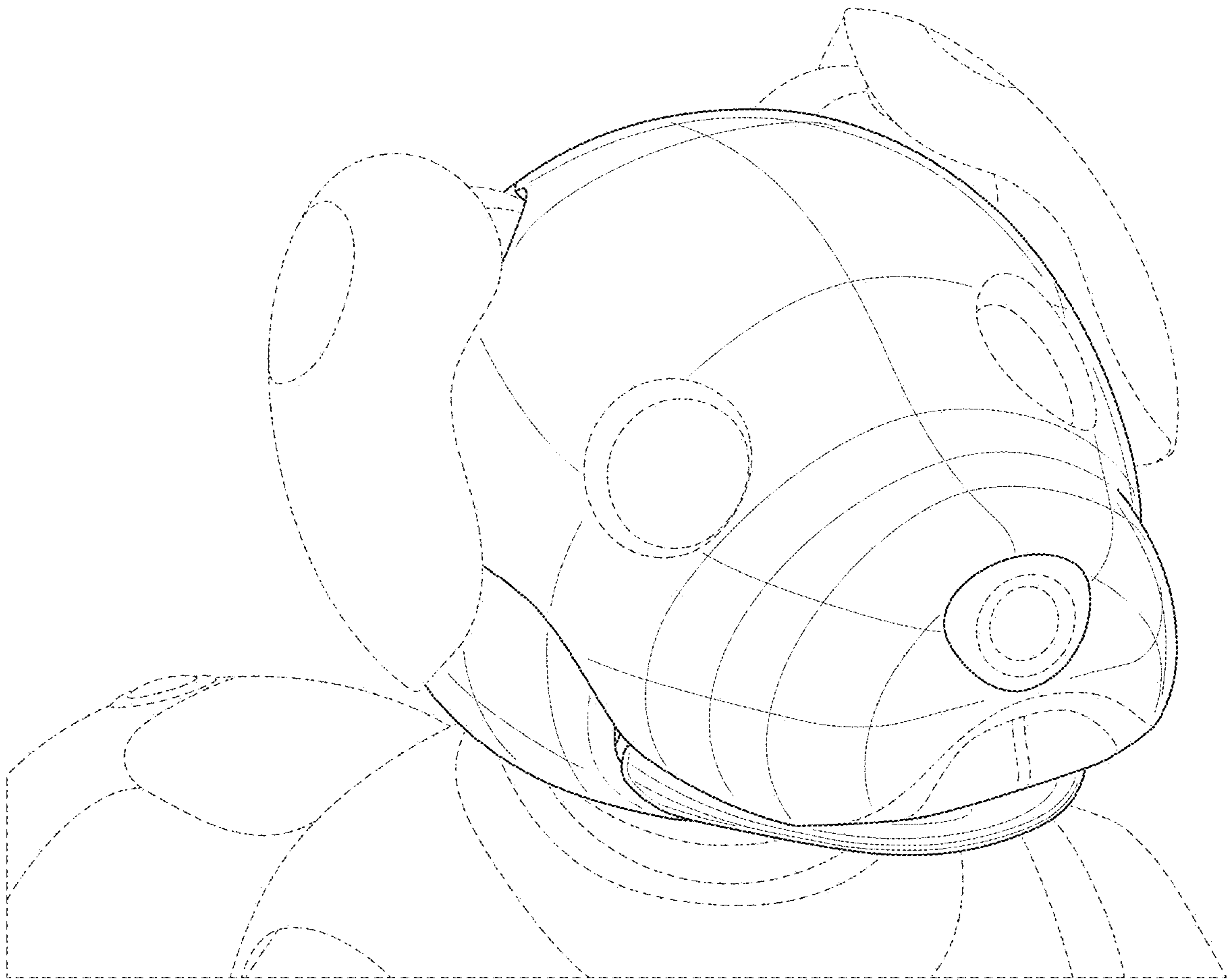


FIG.3

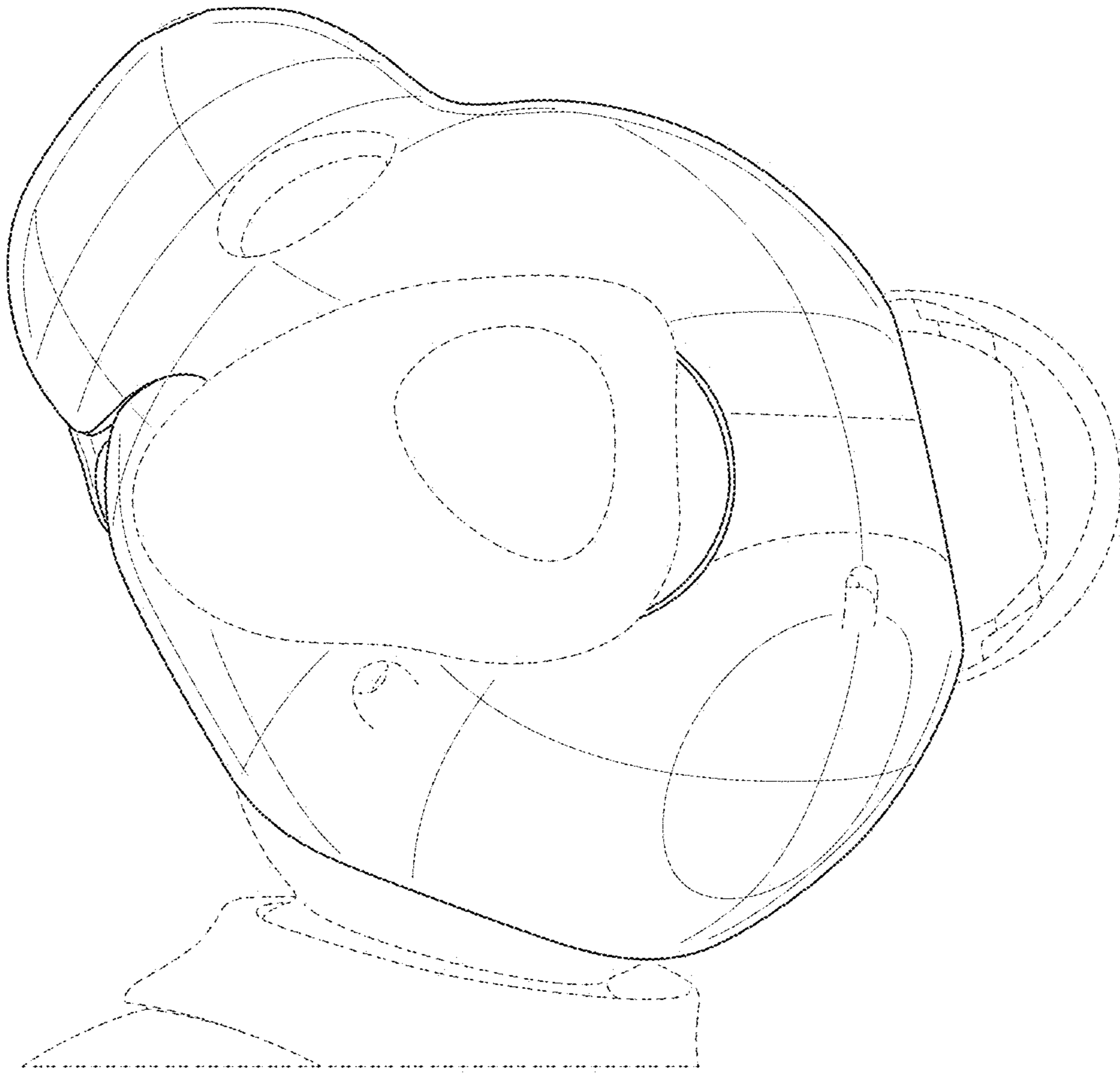


FIG.4

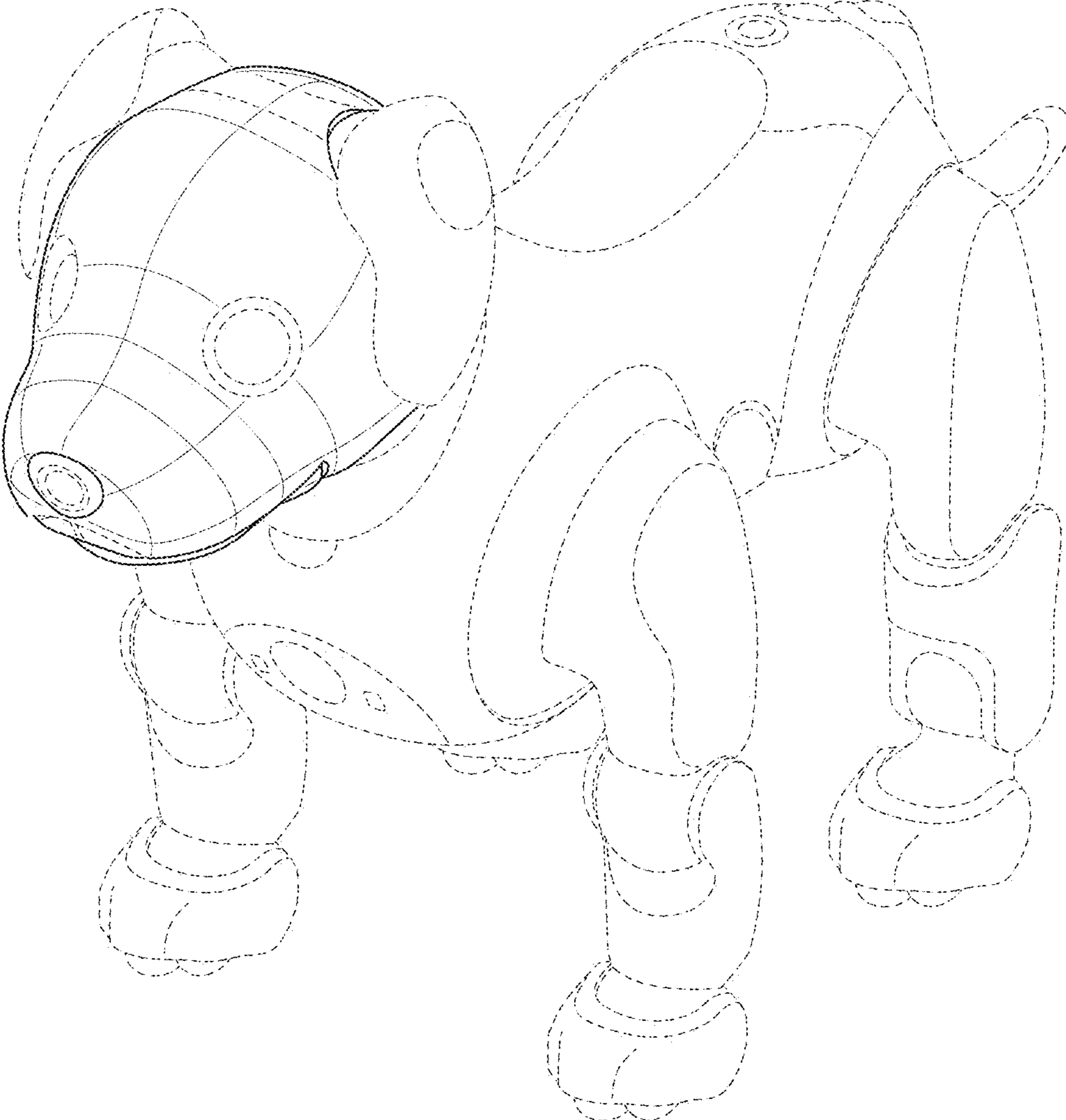


FIG.5

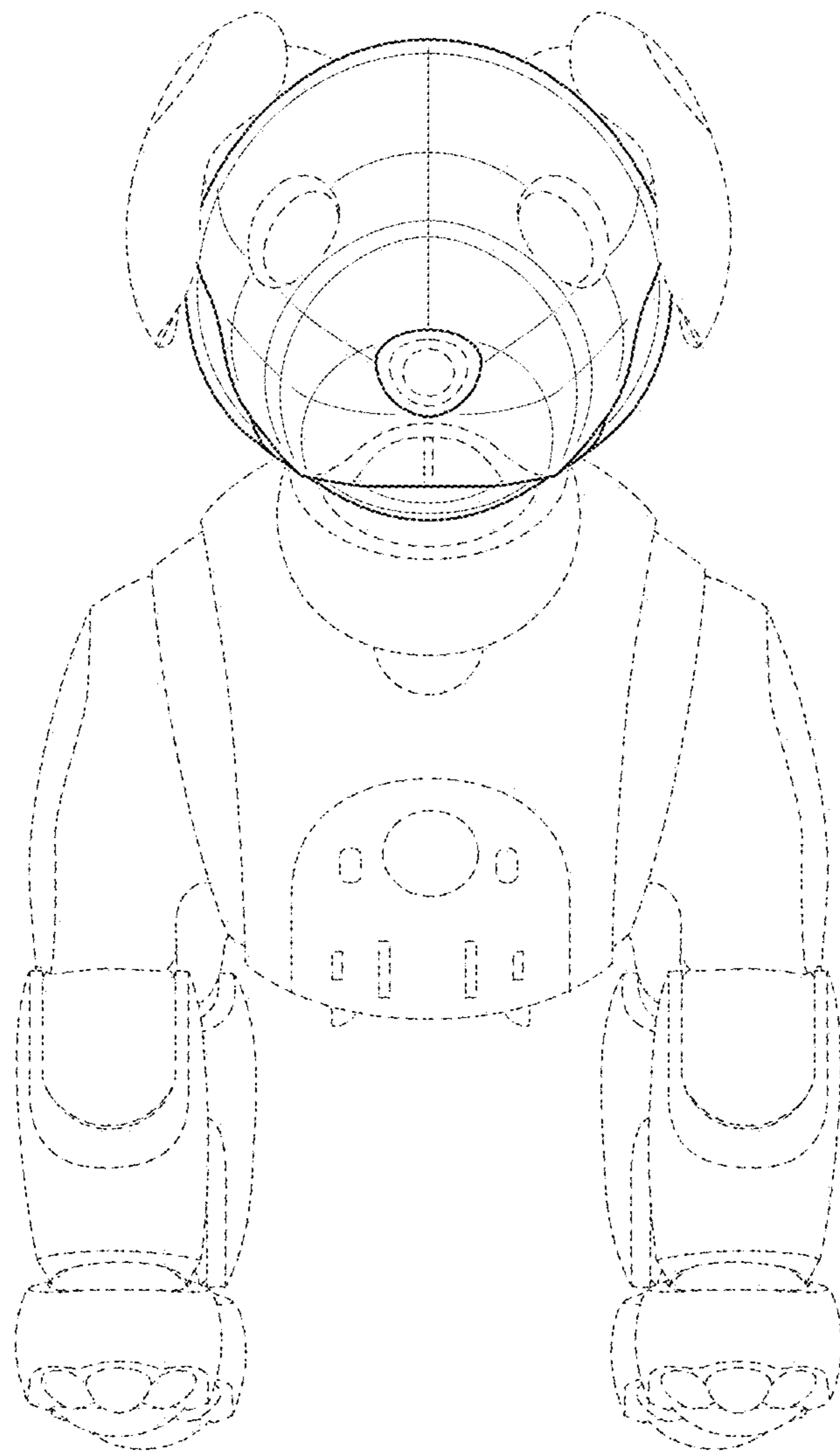


FIG.6

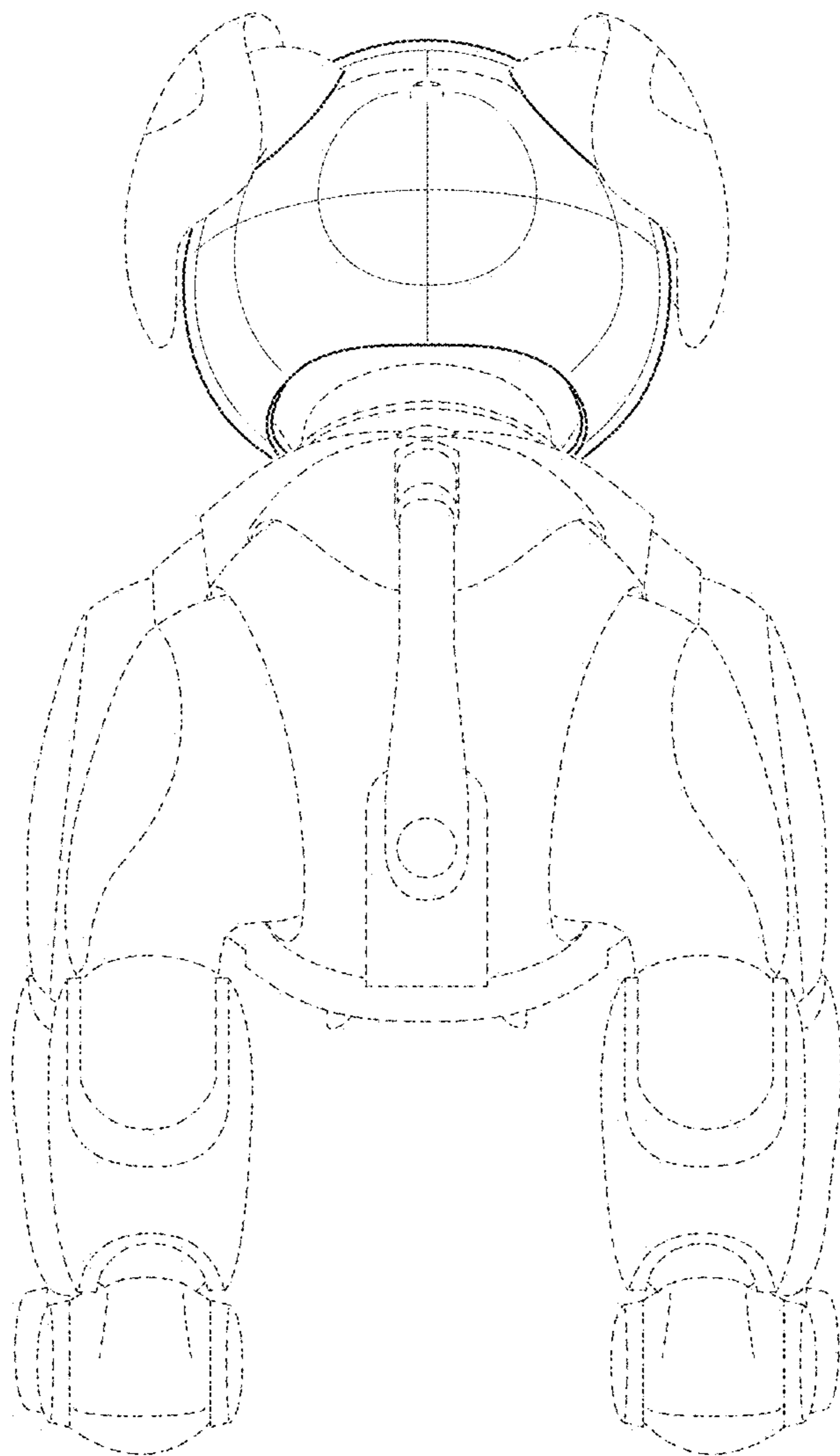




FIG. 7

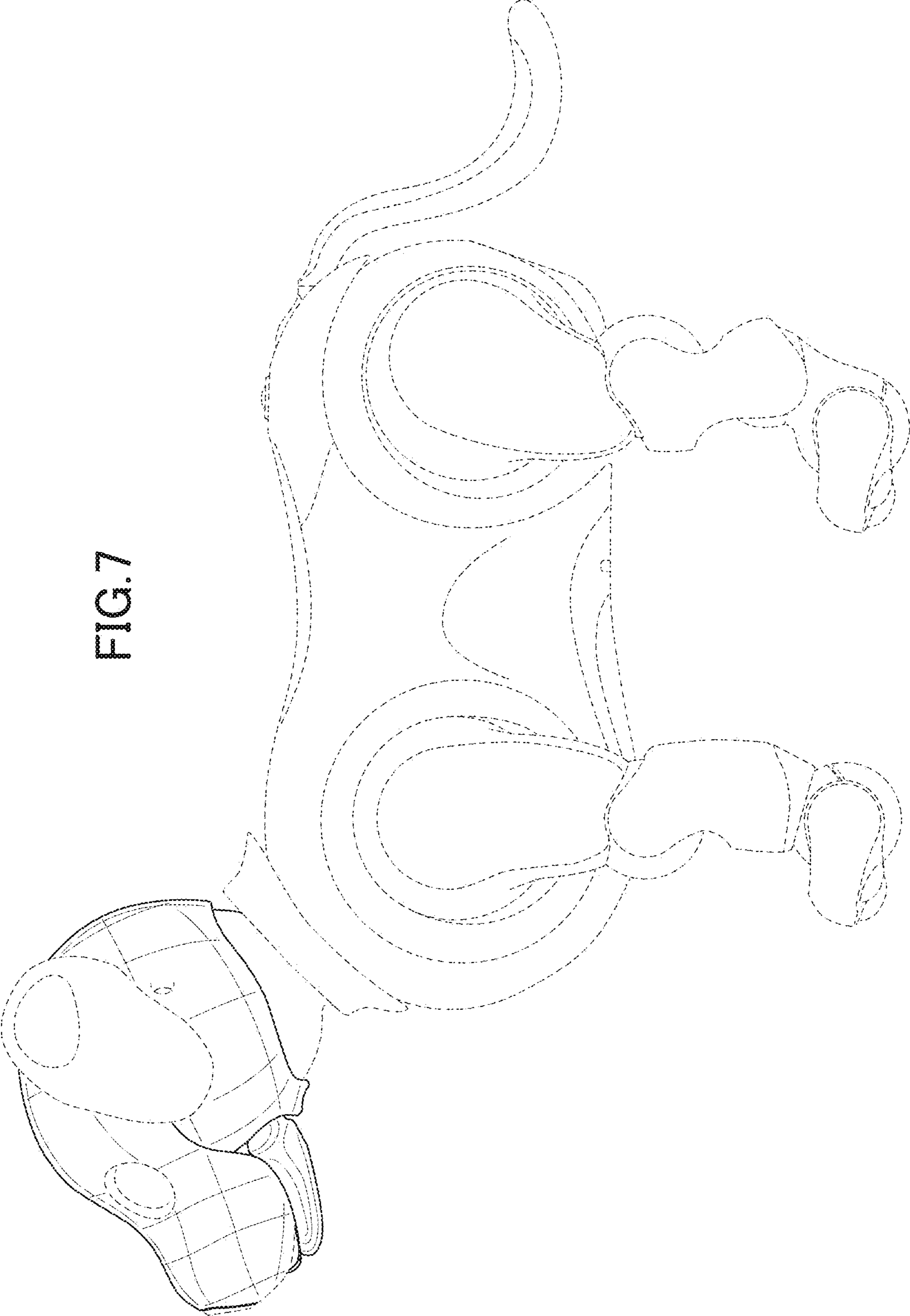


FIG. 8

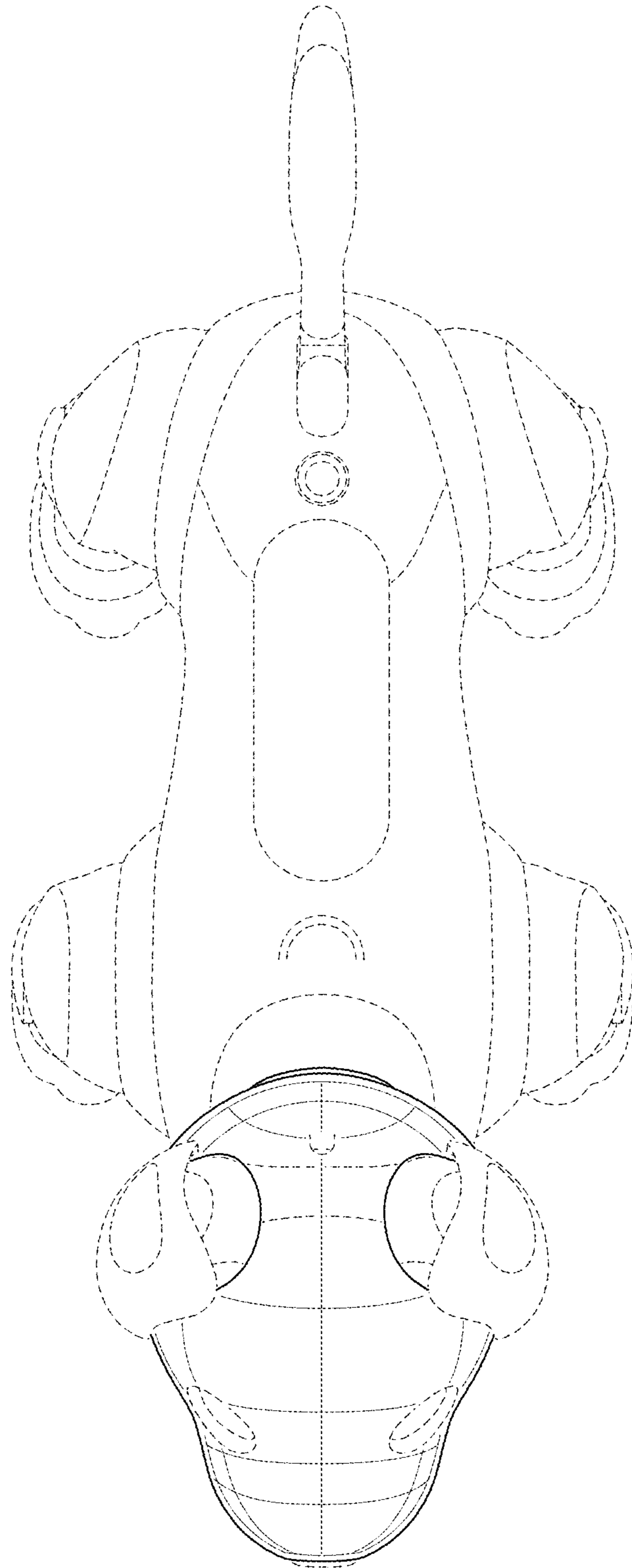


FIG.9

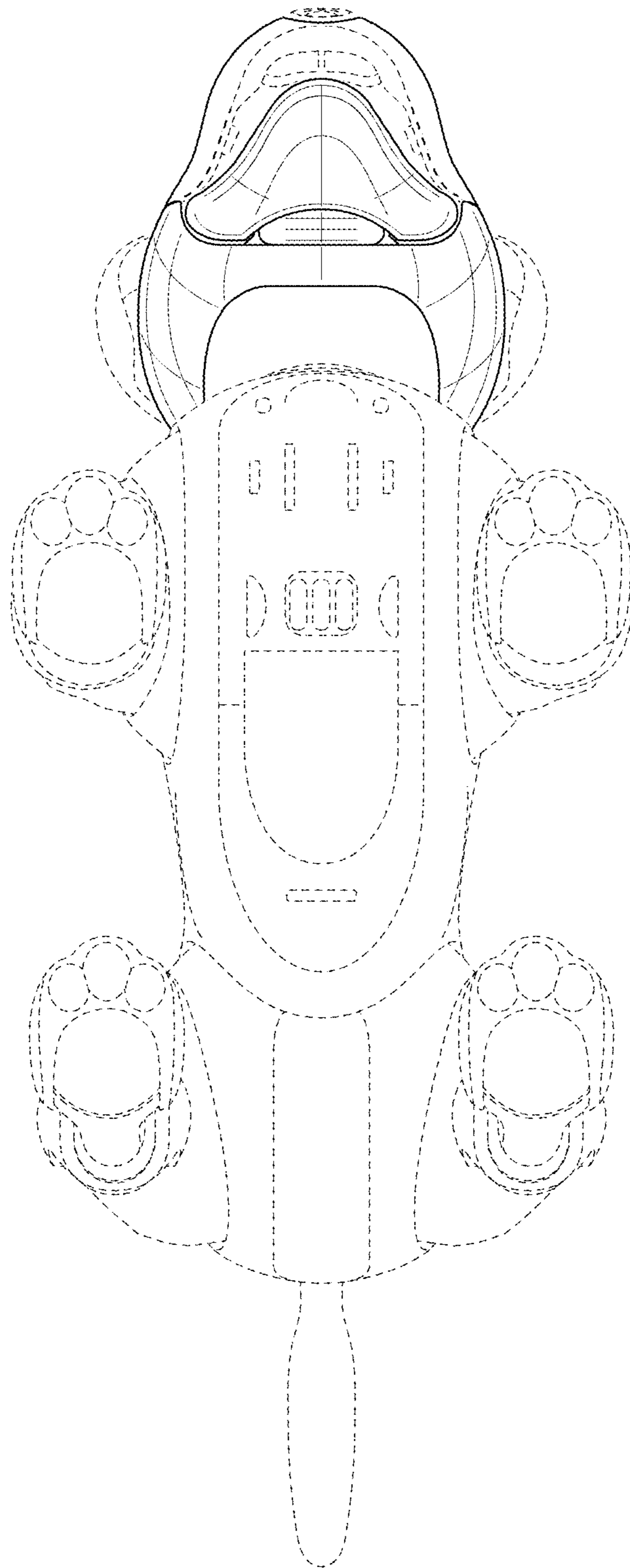


FIG.10

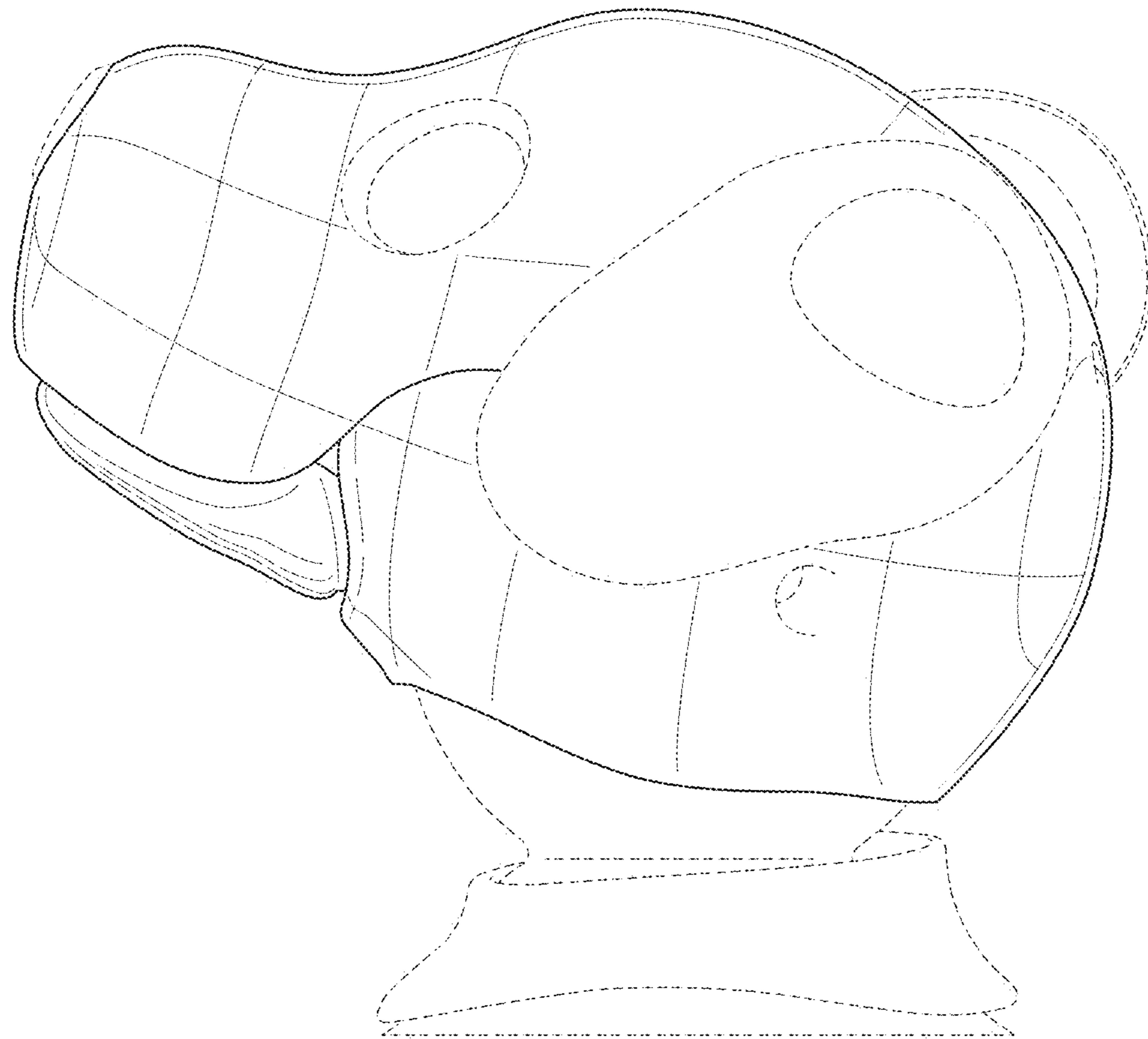


FIG.11

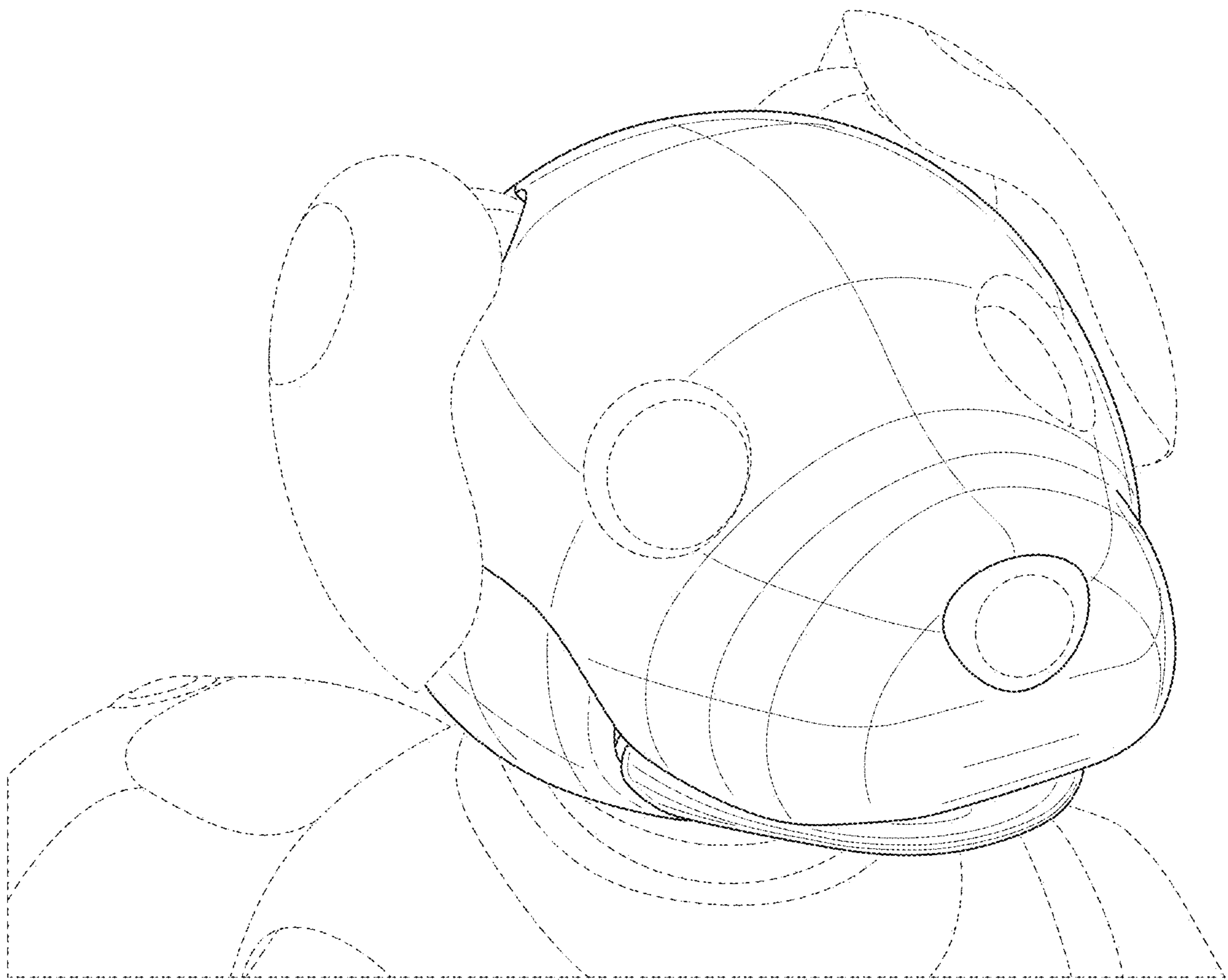


FIG.12

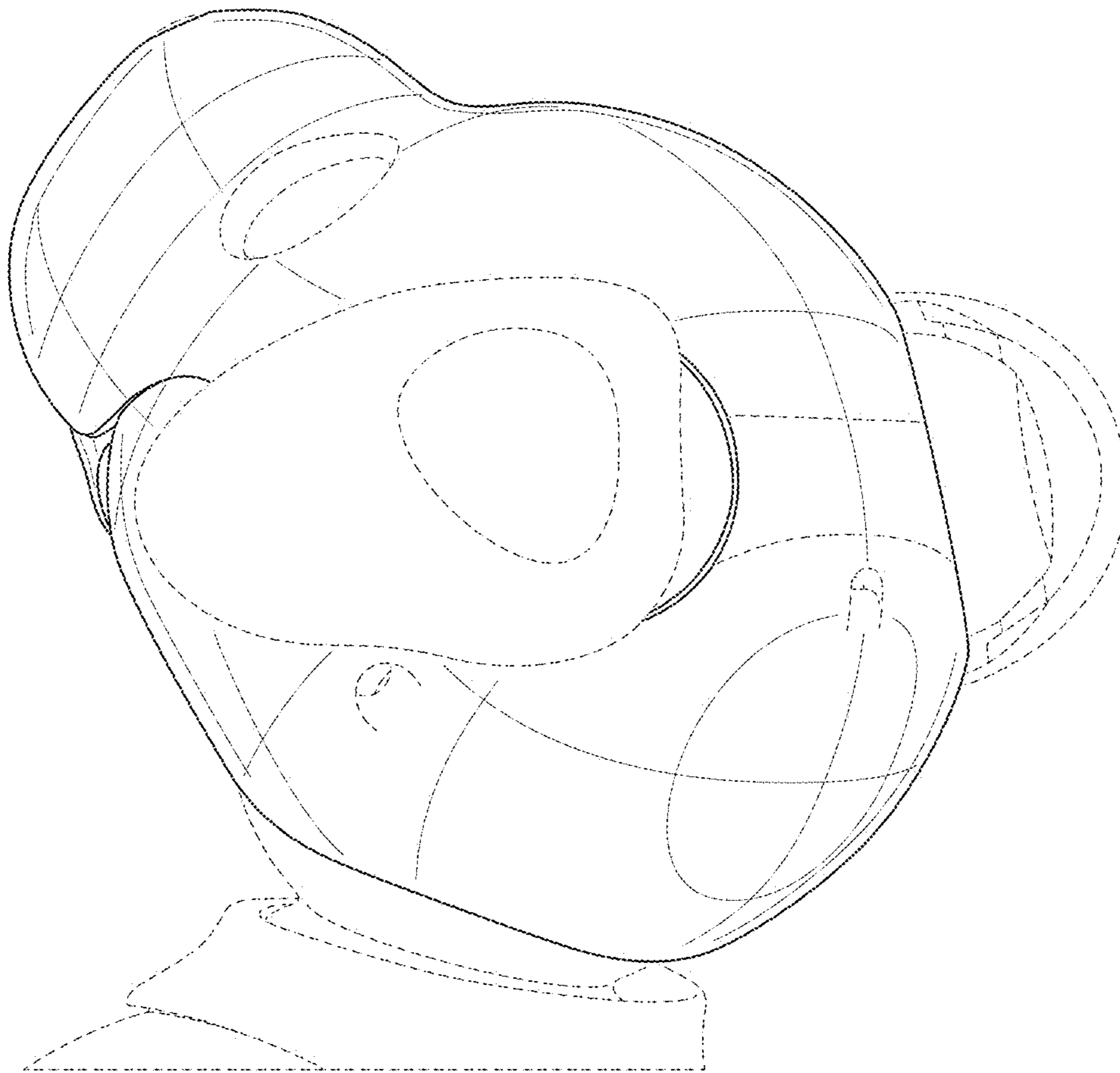


FIG. 13

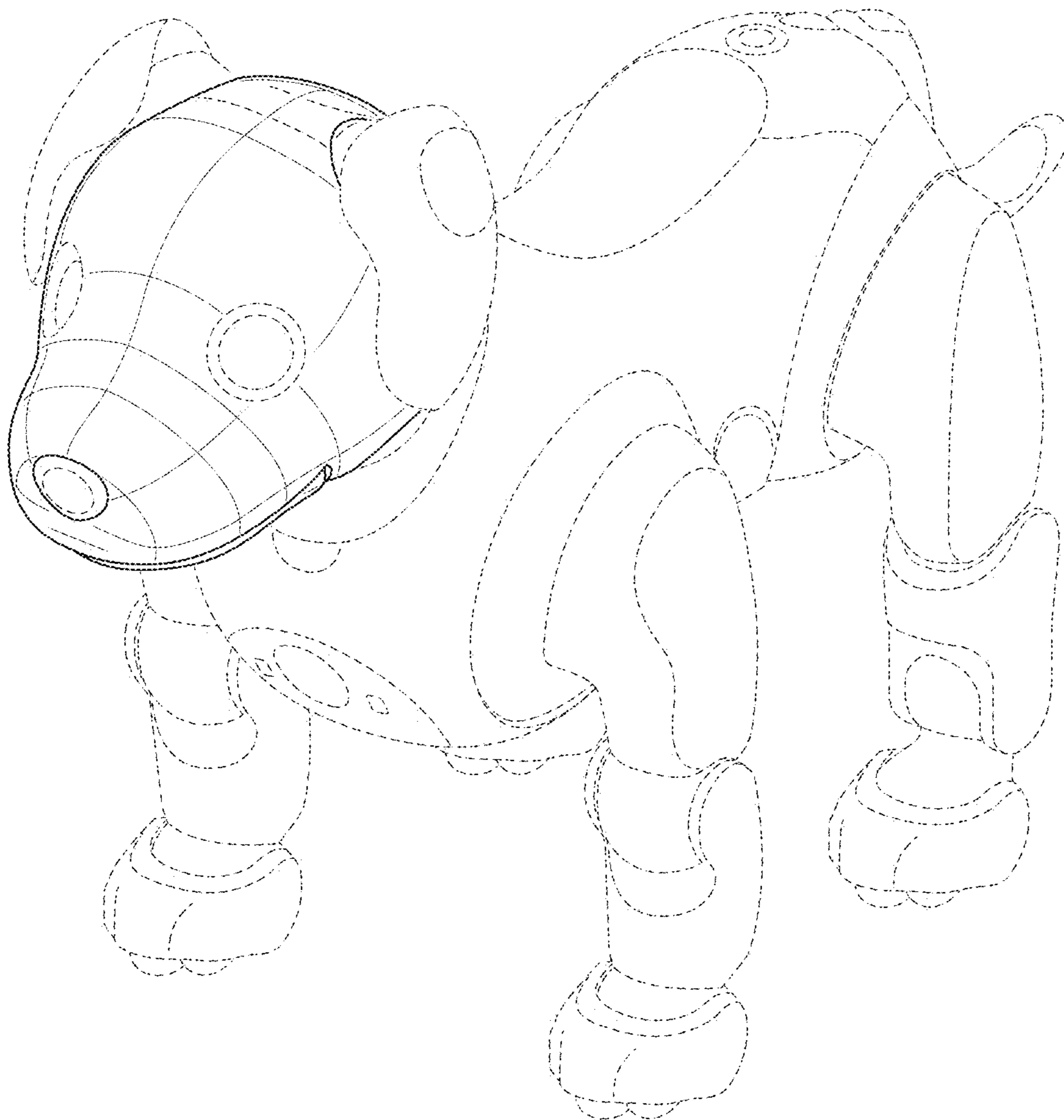


FIG. 14

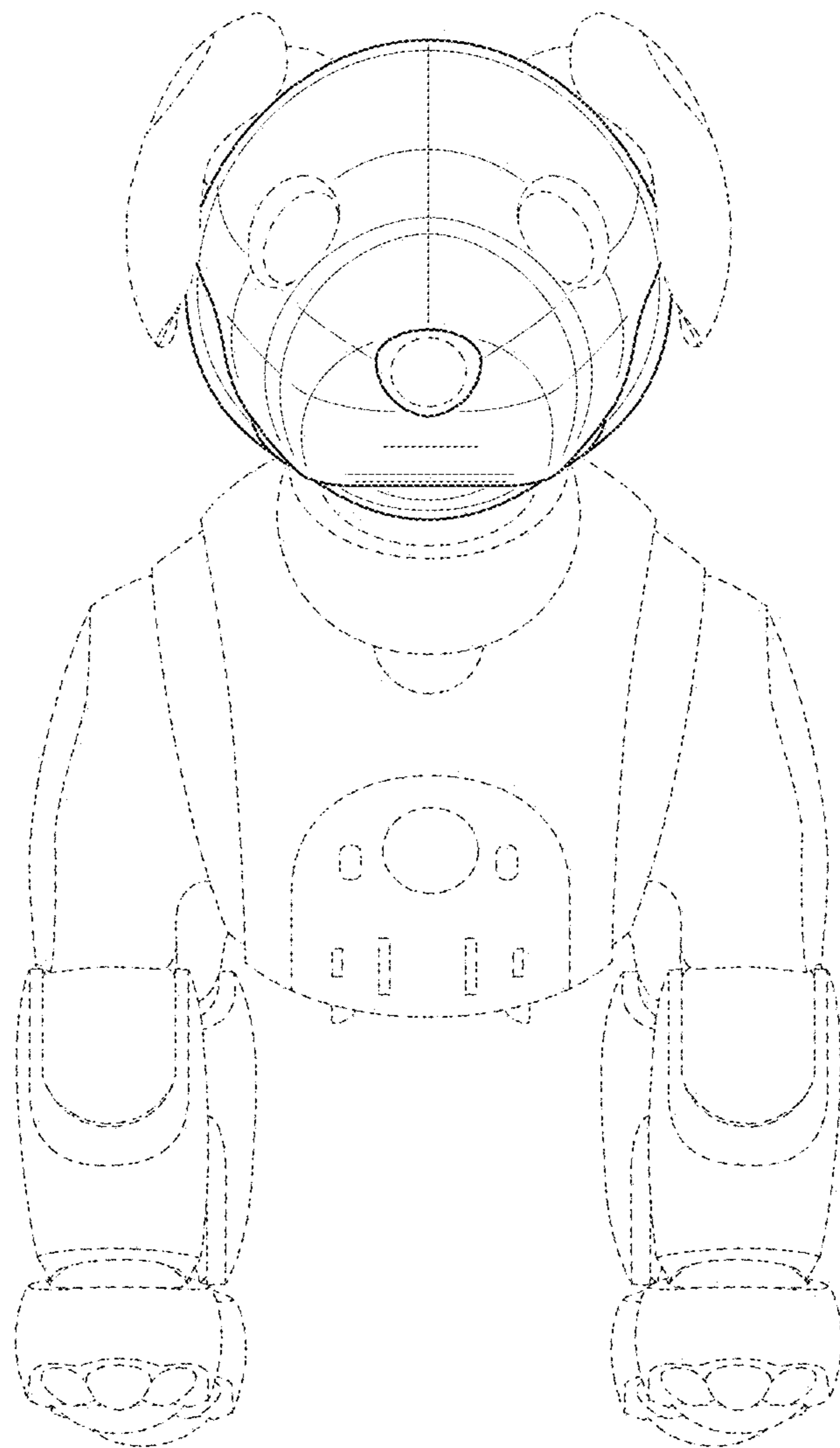




FIG. 15

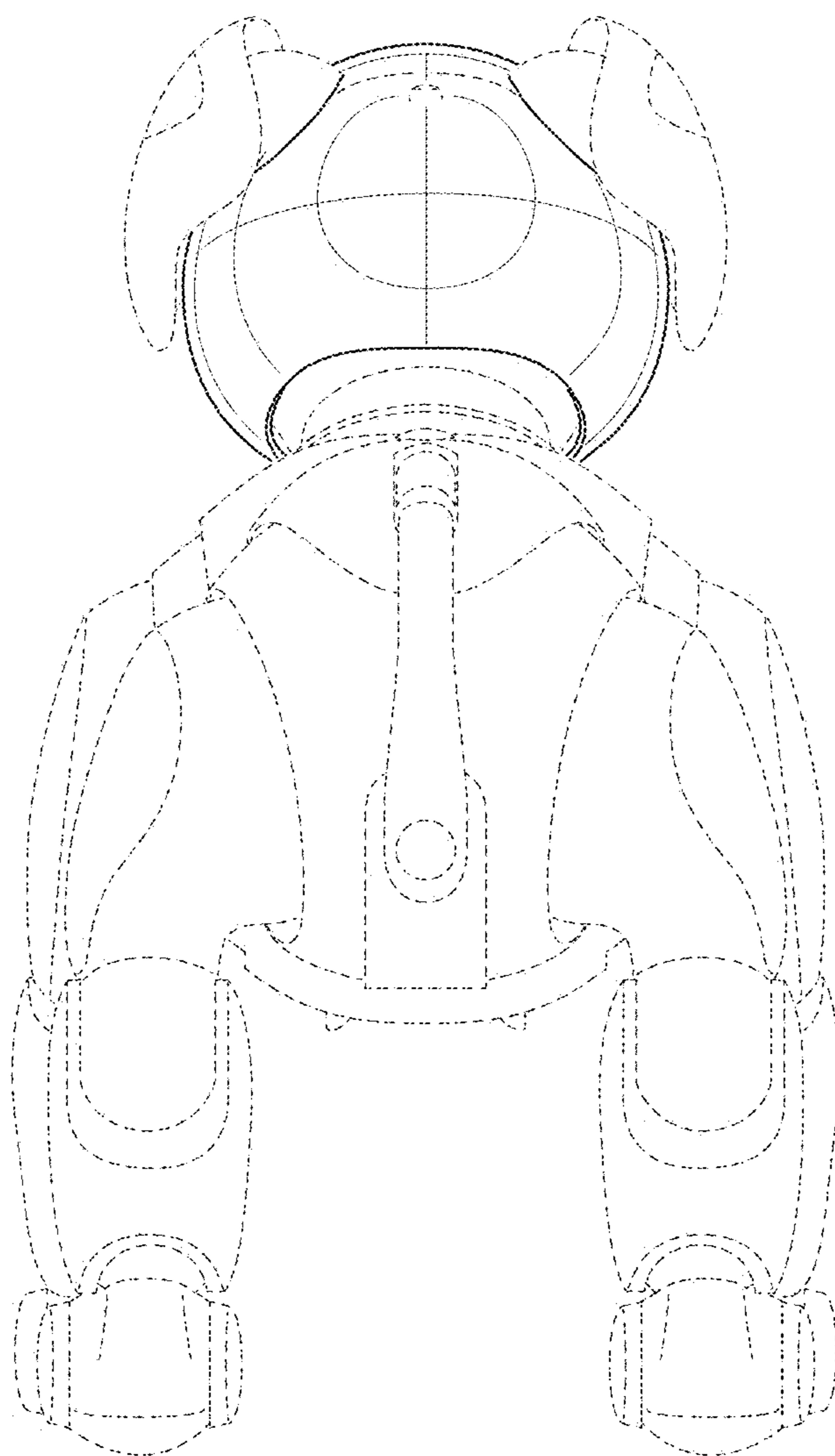


FIG.16

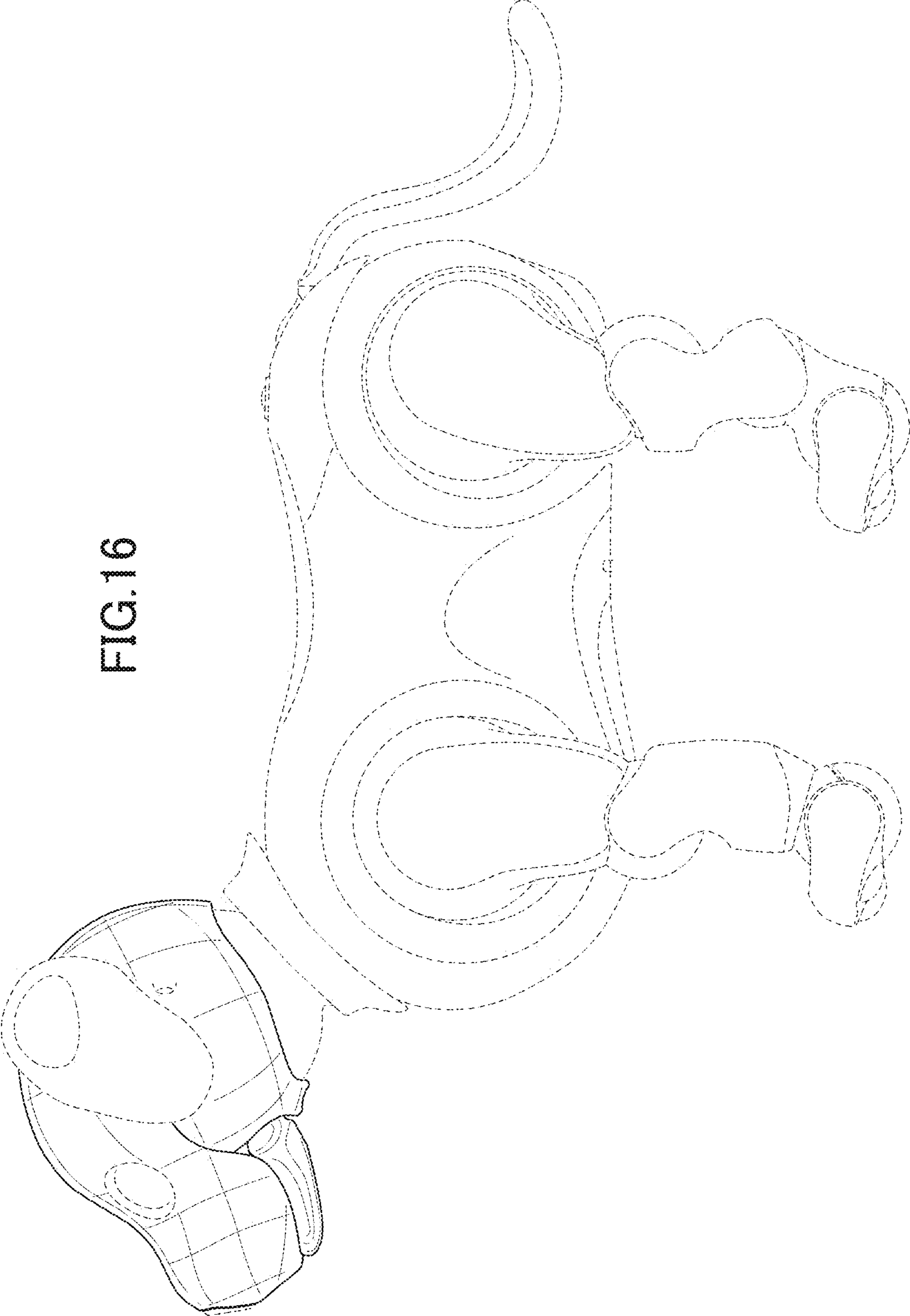


FIG. 17

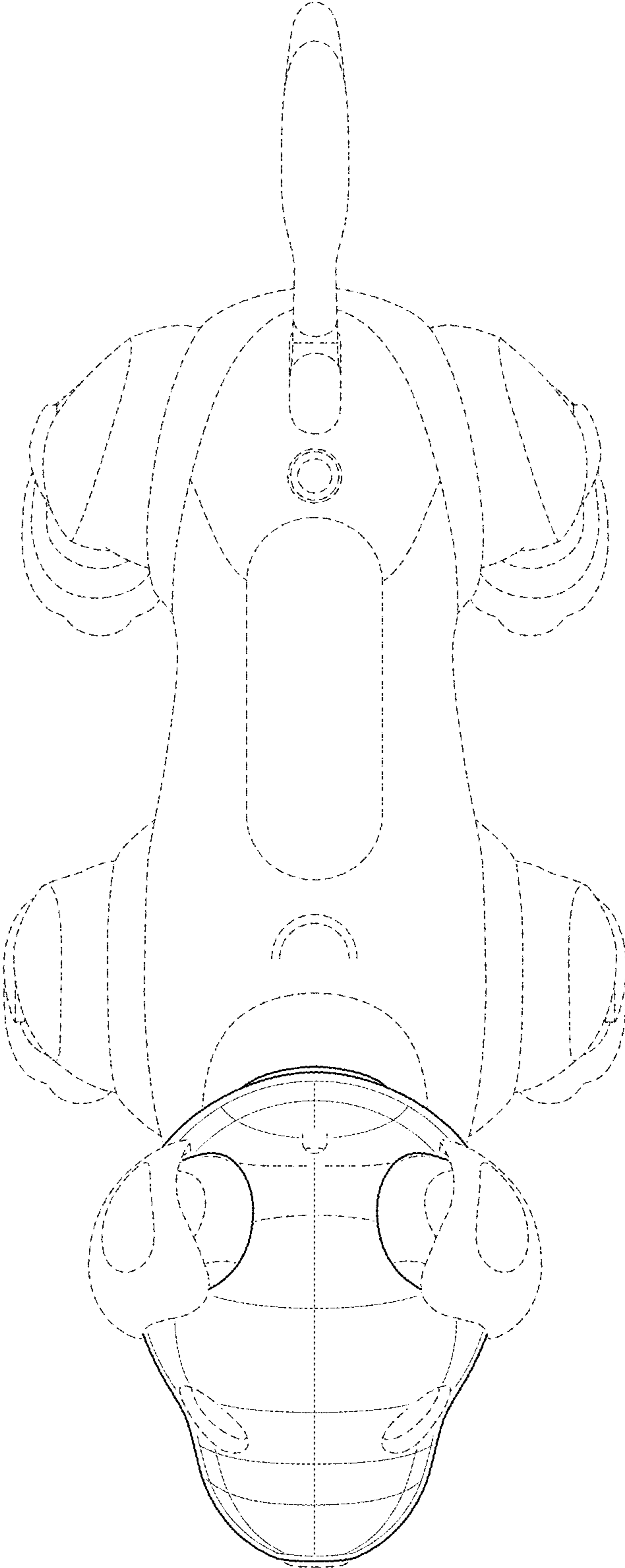


FIG. 18

