



US00D842863S

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

(10) **Patent No.:** **US D842,863 S**  
(45) **Date of Patent:** **\*\* Mar. 12, 2019**

(54) **LOCKING LOOP RECEPTACLE OF  
ARTICULATING ARM**

13/00; F16M 11/10; F16M 11/04; F16M  
2200/08; F16M 11/2021; A47B 21/0314;  
A47B 88/044; A47B 2021/0335; H02G  
3/126;

(71) Applicant: **Southco, Inc.**, Concordville, PA (US)

(Continued)

(72) Inventors: **Benjamin Gerald Lindo**, Philadelphia,  
PA (US); **Glenn Eric Anderson**,  
Malvern, PA (US)

(56)

**References Cited**

U.S. PATENT DOCUMENTS

(73) Assignee: **SOUTHCO, INC.**, Concordville, PA  
(US)

D232,372 S 8/1974 Grant  
D269,253 S 6/1983 Gagnon

(Continued)

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

(21) Appl. No.: **29/643,555**

FOREIGN PATENT DOCUMENTS

(22) Filed: **Apr. 10, 2018**

JP 2016019043 A 2/2016

**Related U.S. Application Data**

OTHER PUBLICATIONS

(62) Division of application No. 29/557,005, filed on Mar.  
4, 2016, now Pat. No. Des. 822,672.

Notification of Reasons for Rejection for Japanese Application No.  
2017-010325, dated Aug. 29, 2017, including English translation, 3  
pages.

(51) **LOC (11) Cl.** ..... **14-02**

*Primary Examiner* — Katie Jane Stofko

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

(74) *Attorney, Agent, or Firm* — RatnerPrestia

USPC ..... **D14/452**

(58) **Field of Classification Search**

(57)

**CLAIM**

USPC ..... D14/371–382, 125–129, 335–337,  
D14/447–452, 492, 239, 457, 439–441,  
D14/432, 251–253, 434; D8/349, 354,  
D8/363, 373, 376, 380; 348/180, 184,  
348/325, 739, 825; D12/407, 415;  
D3/218; 341/12; 248/323, 278.1, 286.1

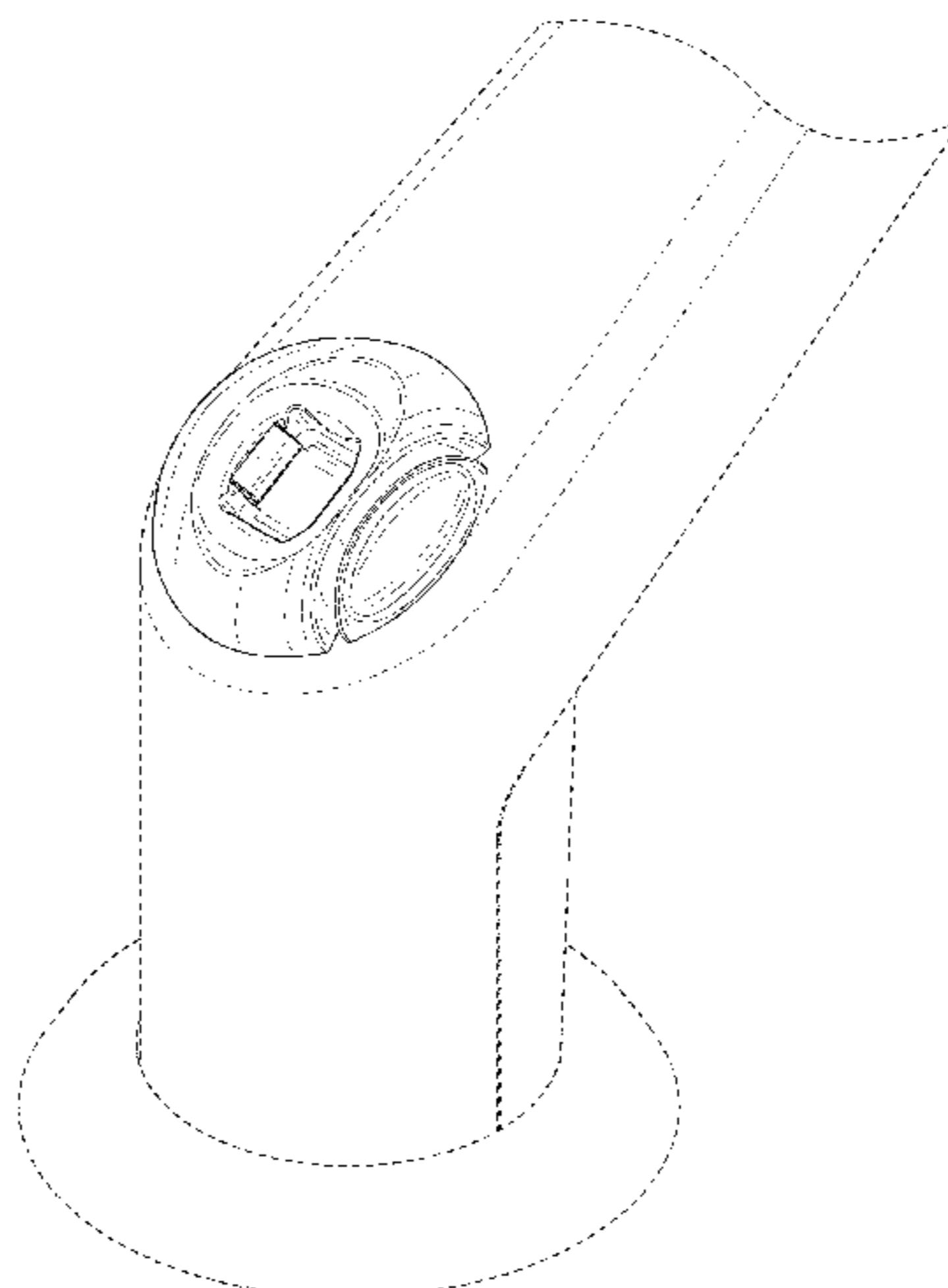
The ornamental design for a locking loop receptacle of  
articulating arm, as shown and described.

CPC ..... G06F 3/0412; G06F 3/016; G06F 3/0488;  
G06F 3/011; G06F 3/038; G06F 3/03543;  
G06F 3/0338; G06F 3/0202; G06F  
3/0219; G06F 3/0213; G06F 1/1616;  
G06F 3/023; G06F 3/04883; G02F  
1/13338; G02F 1/1313; G02F 1/1333;  
G02F 1/135; G02F 1/132; G02F  
1/133308; G02F 1/134309; G02F  
1/13718; G09G 3/3648; G06K 15/1252;  
B41J 2/465; G03F 7/70291; G02B  
27/0172; G02B 5/30; G02B 2027/0118;  
G02B 27/0101; F16M 13/02; F16M

**DESCRIPTION**

FIG. 1 is a front elevation view of a locking loop receptacle  
of articulating arm;  
FIG. 2 is a left side elevation view thereof;  
FIG. 3 is a right side elevation view thereof; and,  
FIG. 4 is a front, right perspective view thereof.  
The broken lines illustrating the articulating arm of FIGS.  
1-4 are environment that form no part of the claimed design,  
while the remaining broken lines in FIGS. 1-4 illustrate  
portions of the locking loop receptacle of the articulating  
arm that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(58) **Field of Classification Search**  
 CPC ..... F16B 47/00; F16B 47/006; A47G 1/17;  
 A47K 2201/00  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D275,431 S 9/1984 Usab  
 5,195,891 A 3/1993 Sulc  
 D391,444 S 3/1998 Munari  
 5,743,503 A 4/1998 Voeller et al.  
 D451,317 S 12/2001 Hsieh  
 D462,969 S 9/2002 Scharer et al.  
 D470,011 S 2/2003 Munari  
 D480,376 S \* 10/2003 Ma ..... D13/108  
 D488,708 S 4/2004 Lam et al.  
 D494,183 S 8/2004 Wills et al.  
 D506,257 S 6/2005 Smith  
 D510,571 S \* 10/2005 Cutler ..... D14/125  
 6,994,547 B1 2/2006 Sethi et al.  
 D534,789 S 1/2007 Worrall et al.  
 D537,323 S 2/2007 Saez  
 D541,807 S 5/2007 Oddsen et al.  
 D541,808 S 5/2007 Oddsen et al.  
 D544,489 S 6/2007 Oddsen et al.  
 D553,123 S \* 10/2007 Solland ..... D14/217  
 D558,207 S \* 12/2007 Ikeda ..... D14/434  
 D558,208 S \* 12/2007 Ikeda ..... D14/434  
 D562,114 S 2/2008 Chiu et al.  
 D570,853 S 6/2008 Derry et al.  
 7,389,965 B2 6/2008 Oddsen, Jr. et al.  
 D577,731 S 9/2008 Altonji et al.  
 D598,240 S 8/2009 Josancy  
 D602,287 S 10/2009 Grove  
 7,694,927 B2 4/2010 Chuang  
 D618,960 S 7/2010 Chafai et al.  
 D631,052 S 1/2011 Hung  
 D645,868 S 9/2011 Lau et al.  
 D651,199 S 12/2011 Huang  
 D654,503 S 2/2012 Sapper  
 D659,341 S \* 5/2012 Gillis ..... D34/33  
 D660,845 S 5/2012 Schmauch et al.  
 D662,103 S 6/2012 Brandt  
 D662,104 S 6/2012 Brandt  
 D663,576 S 7/2012 McEldowney  
 D666,207 S 8/2012 Brandt  
 D670,554 S 11/2012 Bowman et al.

D670,786 S 11/2012 Mauchle et al.  
 D679,282 S 4/2013 Liu et al.  
 D682,258 S 5/2013 Anderson  
 D686,495 S \* 7/2013 Murray ..... D9/435  
 D688,674 S 8/2013 Lau et al.  
 D696,325 S 12/2013 Dekar  
 D711,307 S 8/2014 Fair  
 D712,015 S 8/2014 Yu  
 D717,298 S \* 11/2014 Sale ..... D14/371  
 D729,814 S 5/2015 Anderson  
 D729,815 S 5/2015 Anderson  
 D733,105 S 6/2015 Wengreen  
 9,074,721 B2 7/2015 Lau et al.  
 D740,830 S 10/2015 Chu  
 D743,537 S 11/2015 Answine et al.  
 D745,873 S 12/2015 Xiang et al.  
 D747,179 S 1/2016 Xiang et al.  
 D751,566 S 3/2016 Anderson  
 D752,305 S 3/2016 DePietro  
 9,316,346 B2 4/2016 Lau et al.  
 D757,014 S \* 5/2016 Hahn ..... D13/108  
 D758,375 S 6/2016 Won et al.  
 9,405,498 B2 8/2016 Nishi  
 D772,236 S 11/2016 Anderson  
 D779,662 S 2/2017 Smith  
 D786,884 S 5/2017 Borloz et al.  
 D789,373 S \* 6/2017 King ..... D14/413  
 D794,572 S 8/2017 Corona  
 9,746,125 B2 8/2017 Bowman et al.  
 D796,519 S 9/2017 Hung  
 D797,928 S \* 9/2017 Davis ..... D24/130  
 9,759,371 B2 9/2017 Borloz et al.  
 D799,000 S 10/2017 Chen  
 D801,791 S 11/2017 DePietro  
 D805,085 S 12/2017 Xiang et al.  
 D808,099 S \* 1/2018 Yoo ..... D32/23  
 D808,801 S 1/2018 Cooper et al.  
 D809,519 S 2/2018 Jung et al.  
 D811,849 S 3/2018 Chou  
 D813,009 S 3/2018 Lindo et al.  
 D815,105 S 4/2018 Jung et al.  
 D815,643 S 4/2018 Bowman et al.  
 D818,309 S \* 5/2018 Jasso Gomez ..... D7/392.1  
 D819,015 S 5/2018 Lee  
 2003/0146359 A1 8/2003 Oddsen, Jr.  
 2012/0267497 A1 10/2012 Bowman et al.  
 2016/0305600 A1 10/2016 Bowman et al.

\* cited by examiner

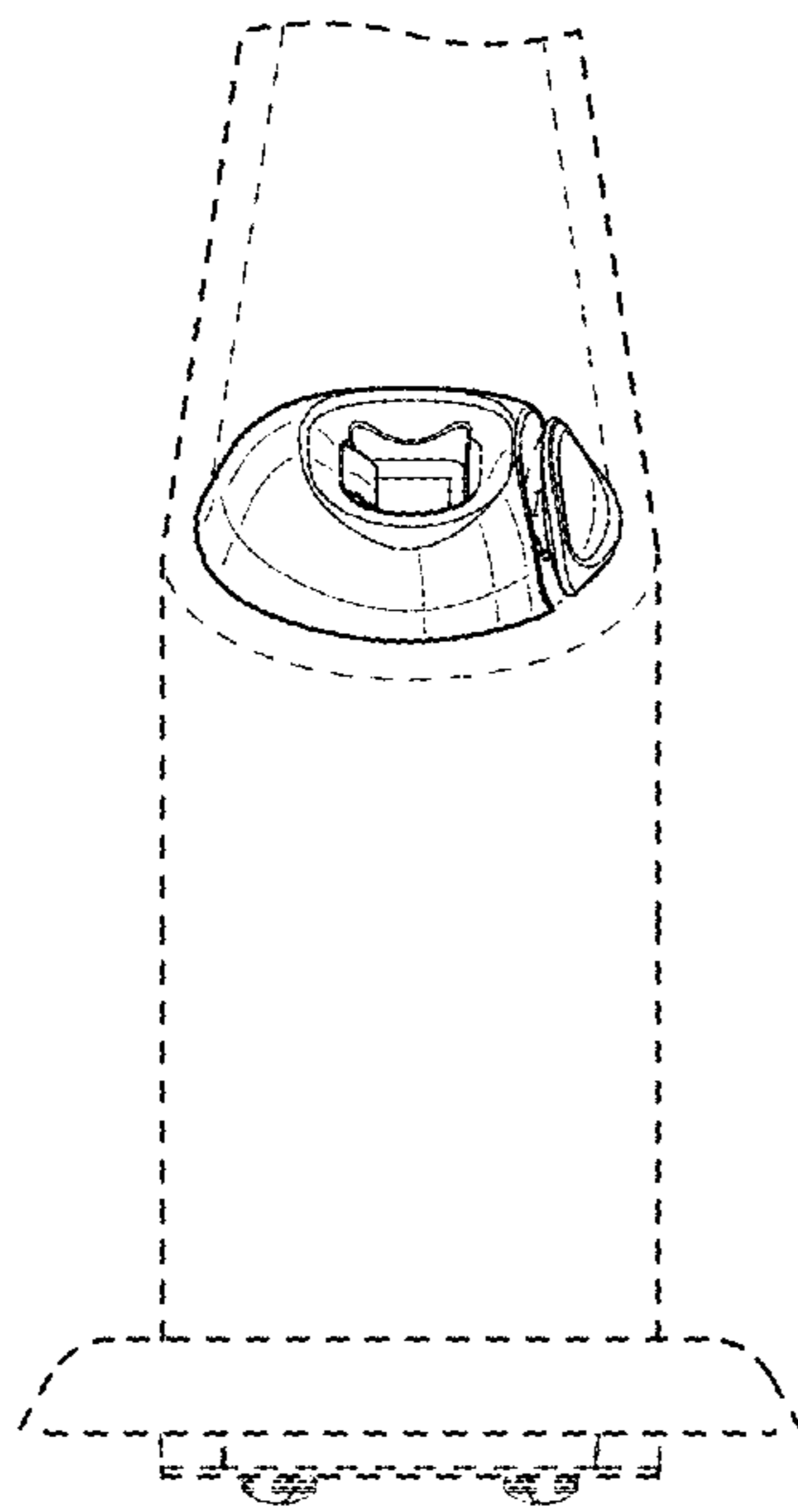


FIG. 1

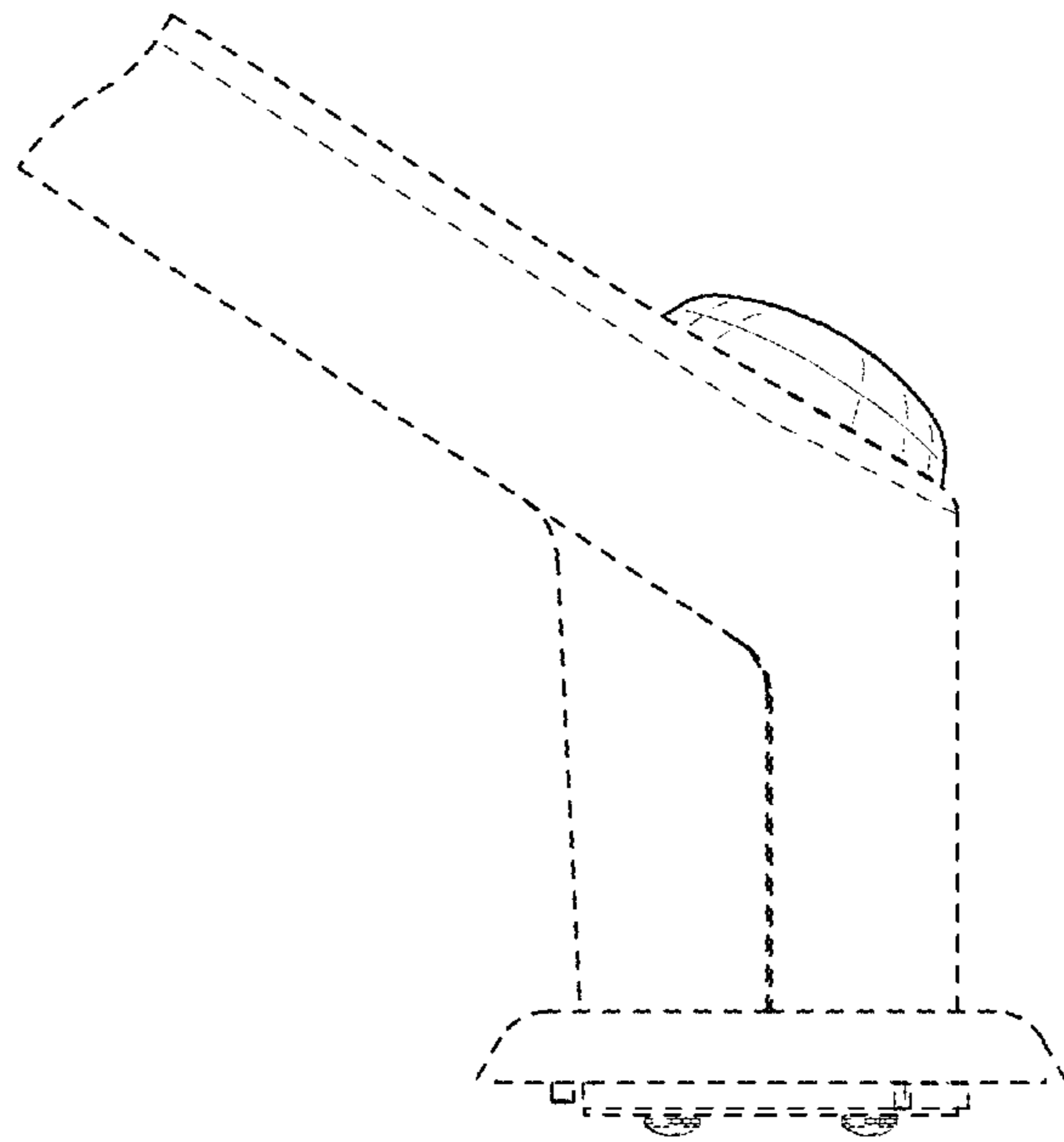


FIG. 2

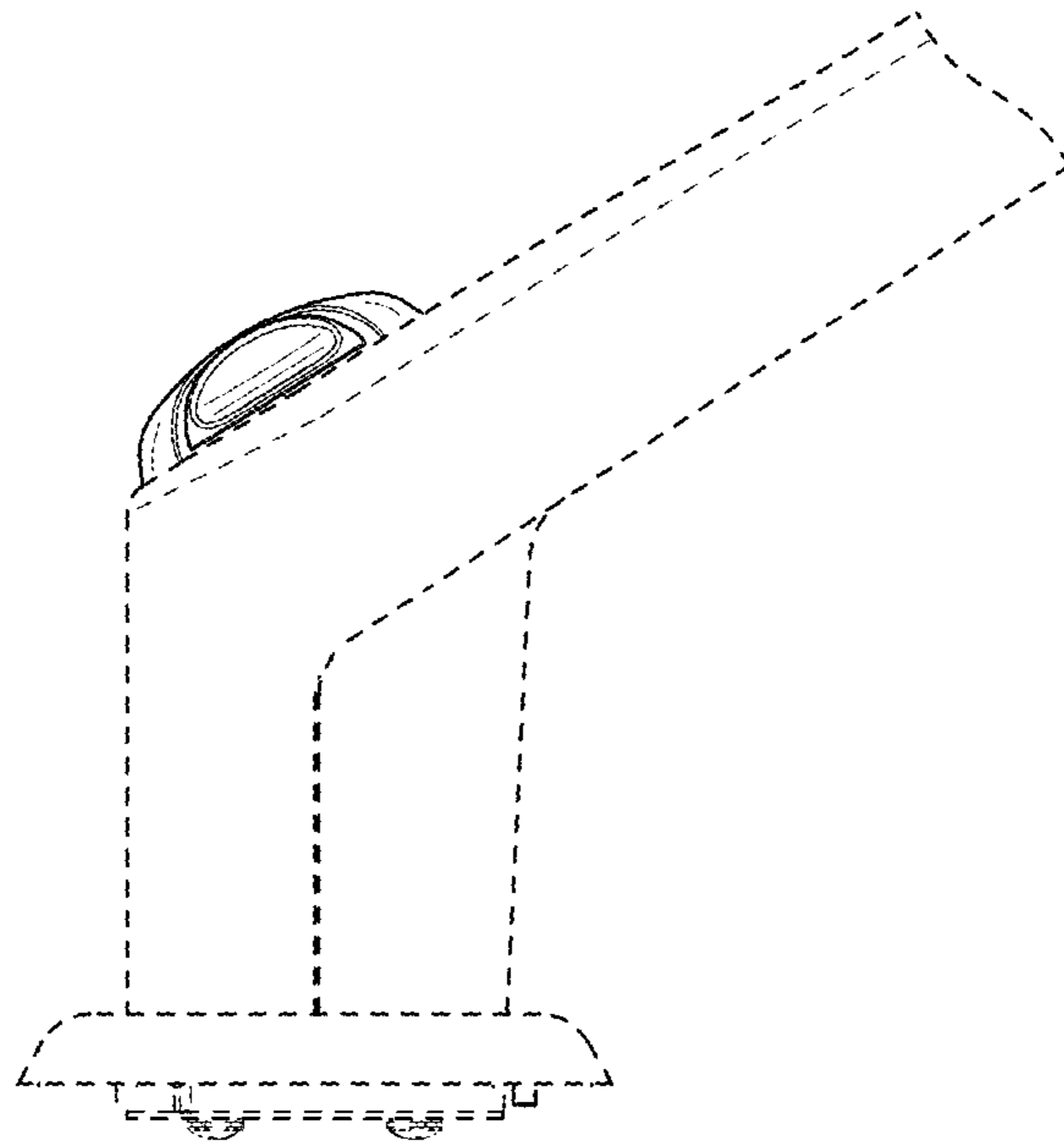


FIG. 3

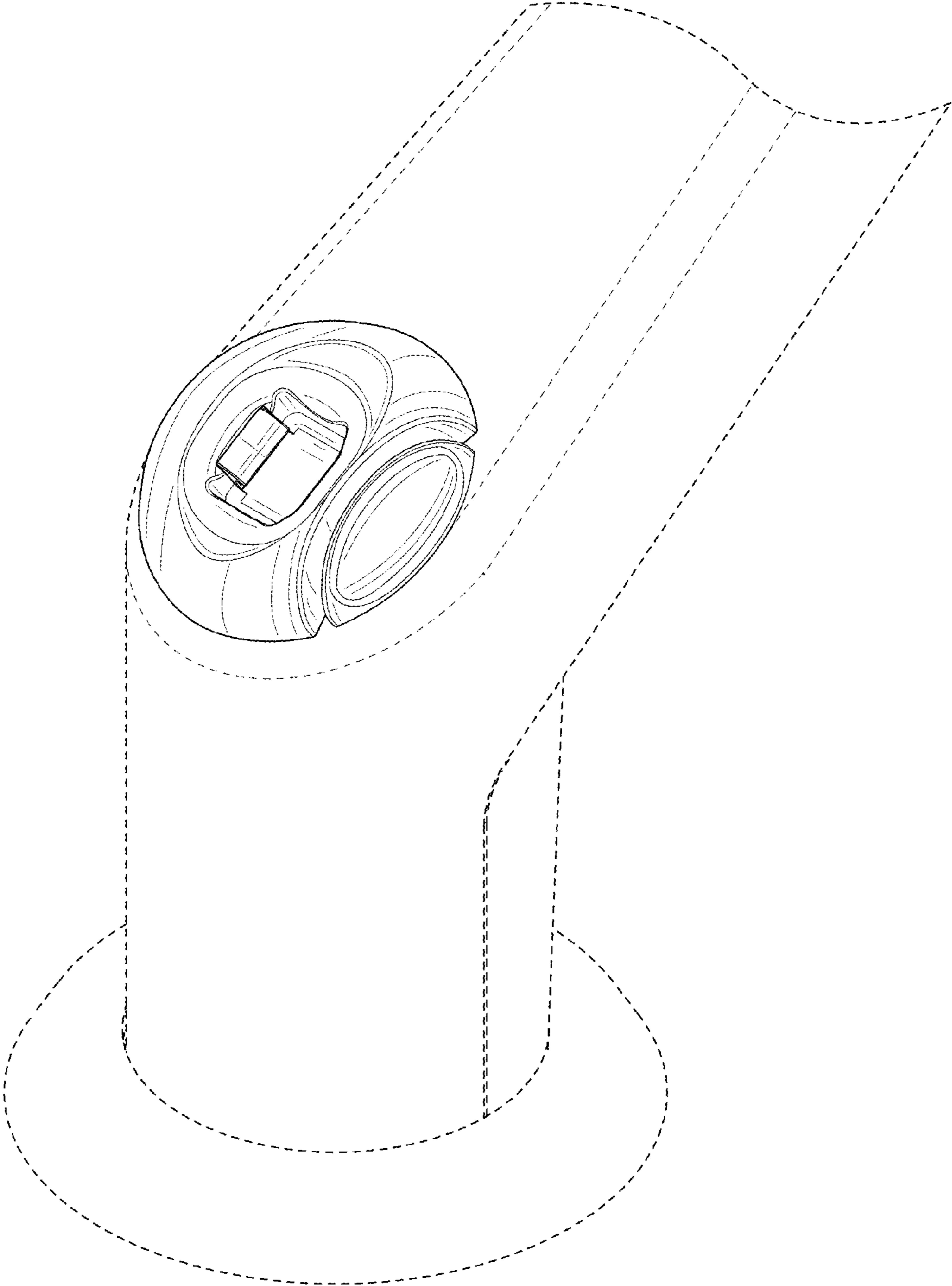


FIG. 4