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(12) **United States Design Patent** (10) **Patent No.:** **US D854,074 S**  
**Glazer et al.** (45) **Date of Patent:** **\*\* Jul. 16, 2019**

(54) **WALL-ASSISTED FLOOR-MOUNT FOR A MONITORING CAMERA**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **UDISENSE INC.**, New York, NY (US)

EP 2292124 A1 3/2011  
JP D2015-809 \* 1/2015

(Continued)

(72) Inventors: **Assaf Glazer**, Hoboken, NJ (US); **Tor Ivry**, Rishon Lezion (IL); **Amir Katz**, Bat Hefer (IL); **Amnon Karni**, New York, NY (US); **Mark Prommel**, Brooklyn, NY (US); **Pil Ho Chung**, Palisades Park, NJ (US); **Marco Perry**, Brooklyn, NY (US); **Oscar Frias**, Brooklyn, NY (US)

OTHER PUBLICATIONS

Camera/Floorstand assembly. Online, published date unknown. Retrieved on Aug. 13, 2018 from URL: <https://support.nanit.com/hc/en-us/articles/235605608-Camera-Floor-stand-assembly>.\*

(Continued)

(73) Assignee: **UDISENSE INC.**, New York, NY (US)

*Primary Examiner* — Susan Bennett Hattan

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

*Assistant Examiner* — Omeed Agilee

(21) Appl. No.: **29/608,324**

(74) *Attorney, Agent, or Firm* — Kligler & Associates

(22) Filed: **Jun. 21, 2017**

(57) **CLAIM**

**Related U.S. Application Data**

The ornamental design for a wall-assisted floor mount for a monitoring camera, as shown and described.

(63) Continuation-in-part of application No. 29/563,948, filed on May 10, 2016, now Pat. No. Des. 798,366.

**DESCRIPTION**

(51) **LOC (11) Cl.** ..... **16-05**

(52) **U.S. Cl.**  
USPC ..... **D16/244**; D16/242

(58) **Field of Classification Search**  
USPC ..... D16/134, 136, 210–219, 235, 237–245, D16/250; D14/217, 229, 250–253; D26/93, 94, 105; D20/16, 17, 41, 42; D25/126, 127

(Continued)

FIG. 1 is a top, front, left-side perspective view of a wall-assisted floor mount for a monitoring camera showing our new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

(56) **References Cited**

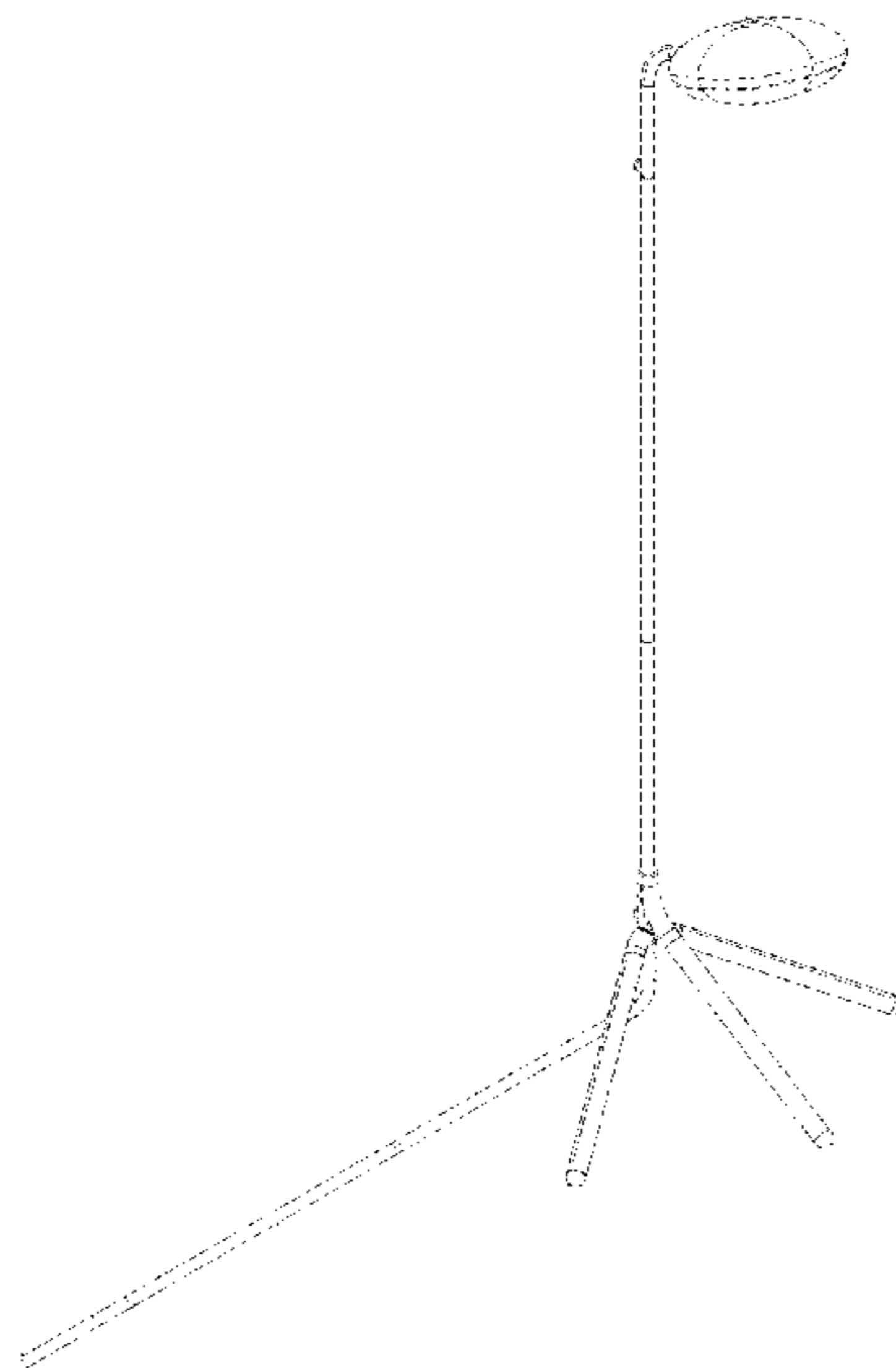
**U.S. PATENT DOCUMENTS**

D220,534 S \* 4/1971 Selden ..... D25/127  
4,047,684 A \* 9/1977 Kobayashi ..... F16C 11/10  
248/122.1

The broken lines, the areas within the broken lines, and the areas enclosed by both broken lines and solid lines adjacent to shaded areas depict portions of the wall-assisted floor mount for a monitoring camera that form no part of the claimed design.

(Continued)

**1 Claim, 5 Drawing Sheets**



(58) **Field of Classification Search**  
 CPC ..... G03B 17/02; G03B 17/04; G03B 17/14;  
 G03B 17/56; G03B 17/561-568; G03B  
 7/00-002; G03B 7/02-04; G03B 7/14;  
 G03B 21/20-2066; F16M 11/02; F16M  
 11/04; F16M 11/20; F16M 11/40  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D268,458 S \* 4/1983 Schoenig ..... D16/244  
 4,561,339 A \* 12/1985 Jensen ..... A47B 19/002  
 248/441.1  
 4,712,756 A \* 12/1987 Kester ..... F16M 11/38  
 248/125.1  
 D302,652 S 8/1989 Spaeth, Jr.  
 D314,873 S \* 2/1991 Wenger ..... D6/701  
 5,032,919 A 7/1991 Randmae  
 D345,905 S 4/1994 Hallgren  
 5,446,548 A 8/1995 Gerig et al.  
 5,692,719 A \* 12/1997 Shepherd ..... A47B 19/002  
 248/188.7  
 5,914,660 A 6/1999 Mesibov et al.  
 5,996,814 A \* 12/1999 Workman ..... B25H 1/0014  
 211/22  
 6,113,455 A 9/2000 Whelan et al.  
 D450,339 S \* 11/2001 Eason ..... D16/244  
 7,035,432 B2 4/2006 Szuba  
 D519,990 S 5/2006 Lazor  
 D540,564 S \* 4/2007 Tai ..... A47B 19/002  
 D6/701  
 D552,659 S 10/2007 Stephens et al.  
 D553,848 S \* 10/2007 Barker ..... D3/9  
 7,277,122 B2 10/2007 Sakai  
 D559,090 S 1/2008 Nawrocki  
 7,318,051 B2 1/2008 Weston et al.  
 7,397,380 B1 7/2008 Smolsky  
 D574,159 S \* 8/2008 Howard ..... D6/310  
 7,470,167 B2 12/2008 Clark  
 7,477,285 B1 1/2009 Johnson  
 7,624,074 B2 11/2009 Weston et al.  
 7,696,888 B2 4/2010 Swan et al.  
 7,774,032 B2 8/2010 Swan et al.  
 7,827,631 B2 11/2010 Holman  
 7,905,667 B2 3/2011 Barker  
 D644,450 S \* 9/2011 Walter ..... D6/701  
 D657,977 S \* 4/2012 Belitz ..... D6/681.1  
 8,218,871 B2 7/2012 Angell et al.  
 8,471,899 B2 5/2013 Johnson  
 8,461,996 B2 6/2013 Gallagher  
 8,484,774 B2 7/2013 Cohen  
 8,539,620 B1 9/2013 Wynh  
 8,638,364 B2 1/2014 Chen et al.  
 8,640,280 B2 2/2014 Gutierrez  
 8,646,126 B2 2/2014 Carta  
 8,675,059 B2 3/2014 Johnson et al.  
 8,676,603 B2 3/2014 Johnson et al.  
 8,836,751 B2 9/2014 Ballantyne et al.  
 D720,384 S \* 12/2014 Holmen ..... D16/244  
 8,922,653 B1 12/2014 Reeve  
 8,953,674 B2 2/2015 Henson  
 9,215,428 B2 12/2015 Babineau et al.  
 9,268,465 B1 2/2016 Yari  
 9,330,343 B2 5/2016 Nakano  
 9,530,080 B2 12/2016 Glazer  
 D788,207 S \* 5/2017 Glazer ..... D16/242  
 D793,996 S 8/2017 Katz et al.  
 9,721,180 B2 8/2017 Prasad et al.  
 D798,366 S \* 9/2017 Glazer ..... D16/242  
 D821,479 S \* 6/2018 Cabral ..... D16/207  
 D822,641 S \* 7/2018 Belitz ..... D14/217  
 D824,681 S \* 8/2018 Vaughn ..... D6/309  
 D837,222 S 1/2019 Janzen et al.  
 2003/0233806 A1 12/2003 Kuebler et al.  
 2004/0005083 A1 1/2004 Fujimura et al.

2004/0005088 A1 1/2004 Jeung et al.  
 2005/0065655 A1 3/2005 Hong et al.  
 2005/0069207 A1 3/2005 Zakrzewski et al.  
 2005/0119560 A1 6/2005 Mostafavi  
 2005/0285941 A1 12/2005 Haigh et al.  
 2006/0028656 A1 2/2006 Venkatesh et al.  
 2007/0058039 A1 3/2007 Clark  
 2007/0076935 A1 4/2007 Jeung et al.  
 2007/0133975 A1 6/2007 Lin  
 2007/0156060 A1 7/2007 Cervantes  
 2007/0177792 A1 8/2007 Ma et al.  
 2007/0200930 A1 8/2007 Gordon  
 2007/0285259 A1 12/2007 Desrosiers et al.  
 2007/0285570 A1 12/2007 Desrosiers et al.  
 2008/0016624 A1 1/2008 Osborn  
 2008/0107305 A1 5/2008 Vanderkooy et al.  
 2008/0180537 A1 7/2008 Weinberg et al.  
 2008/0309765 A1 12/2008 Dayan et al.  
 2009/0066671 A1 3/2009 Kweon et al.  
 2009/0091617 A1 4/2009 Anderson  
 2009/0278934 A1 11/2009 Ecker et al.  
 2010/0060448 A1 3/2010 Larsen et al.  
 2010/0134609 A1 6/2010 Johnson  
 2010/0202659 A1 8/2010 Hamalainen  
 2010/0241018 A1 9/2010 Vogel  
 2011/0044533 A1 2/2011 Cobb  
 2011/0118608 A1 5/2011 Lindner et al.  
 2011/0230115 A1 9/2011 Wang et al.  
 2011/0261182 A1 10/2011 Lee et al.  
 2011/0295583 A1 12/2011 Hollack et al.  
 2011/0310247 A1 12/2011 Rensin  
 2011/0313325 A1 12/2011 Cuddihy  
 2012/0002045 A1 1/2012 Tony et al.  
 2012/0062735 A1 3/2012 Rivera  
 2012/0075464 A1 3/2012 Derenne et al.  
 2013/0072823 A1 3/2013 Kahn et al.  
 2013/0144178 A1 6/2013 Halperin et al.  
 2013/0169735 A1 7/2013 Barker  
 2013/0182107 A1 7/2013 Anderson  
 2013/0241730 A1 9/2013 Saitwal et al.  
 2013/0250063 A1 9/2013 Lee et al.  
 2013/0342693 A1 12/2013 Lee  
 2014/0072206 A1 3/2014 Eaton  
 2014/0092247 A1 4/2014 Clark et al.  
 2014/0121540 A1 5/2014 Raskin  
 2014/0140592 A1 5/2014 Lasenby et al.  
 2014/0168397 A1 6/2014 Greco et al.  
 2014/0204207 A1 7/2014 Clark et al.  
 2014/0247334 A1 9/2014 Johnson et al.  
 2014/0253709 A1 9/2014 Bresch et al.  
 2014/0267625 A1 9/2014 Clark et al.  
 2014/0270494 A1 9/2014 Sawhney et al.  
 2014/0288968 A1 9/2014 Johnson  
 2014/0334058 A1 11/2014 Gavlan  
 2015/0094606 A1 4/2015 Mestha et al.  
 2015/0105608 A1 4/2015 Lipoma et al.  
 2015/0105670 A1 4/2015 Bresch et al.  
 2015/0109441 A1 4/2015 Fujioka  
 2015/0288877 A1 10/2015 Glazer  
 2015/0302717 A1 10/2015 Denittis et al.  
 2016/0015278 A1 1/2016 Campo et al.  
 2016/0074764 A1 3/2016 Chen  
 2016/0183695 A1 6/2016 Veron  
 2016/0345832 A1 12/2016 Pavagada Nagaraja et al.  
 2017/0095170 A1 4/2017 Verkurijsse et al.

FOREIGN PATENT DOCUMENTS

WO 1999049656 A1 9/1999  
 WO 2013016603 A1 1/2013  
 WO 2013170032 A2 11/2013  
 WO 2014012070 A1 1/2014  
 WO 2017196695 A2 11/2017

OTHER PUBLICATIONS

CowboyStudio Photography Photo Studio Flash Mount Three Umbrel-  
 las Kit with Light Stand. Online, published date Jul. 1, 2012.



(56)

**References Cited**

## OTHER PUBLICATIONS

Retrieved on Aug. 13, 2018 from URL: <https://www.amazon.com/CowboyStudio-Photography-Photo-Studio-Umbrellas/dp/B008S1TQBC>.\*

Dalal et al., "Histograms of Oriented Gradients for Human Detection", IEEE Computer Society Conference on Computer Vision and Pattern Recognition (CVPR'05), 8 pages, 2005.

Derpanis., "Overview of the RANSAC Algorithm", New York University, Version 1.2, 2 pages, May 13, 2010.

Felzenszwalb et al., "Object Detection with Discriminatively Trained Part Based Models", IEEE Transactions on Pattern Analysis and Machine Intelligence, vol. 32, Issue 9, pp. 1627-1645, Sep. 2009.

Glazer et al., "One-Class Background Model", ACCV 2012: Computer Vision—ACCV Workshops, pp. 301-307, 2012.

Weinland., "A Survey of Vision-Based Methods for Action Representation, Segmentation and Recognition", Institut National De Recherche En Informatique Et En Automatique, Research Report RR-7212, 54 pages, Feb. 2010.

Poppe., "Vision-based human motion analysis: An overview", Computer Vision and Image Understanding 108, pp. 4-18, 2007.

Moeslund et al., "A Survey of Computer Vision-Based Human Motion Capture", Computer Vision and Image Understanding 81, pp. 231-268, 2001.

Kientz, et al., "KidCam: Toward an Effective Technology for the Capture of Children's Moments of Interest", Proceedings of 7th International Conference on Pervasive Computing, pp. 115-132, Nara, Japan, May 11-14, 2009.

Nanit—Camera/Floorstand assembly, 6 pages, Retrieved on Aug. 13, 2018 (published date unknown) <https://support.nanit.com/hc/en-us/articles/235605608-Camera-Floor-stand-assembly>.

Viola et al., "Rapid Object Detection Using a Boosted Cascade of Simple Features", Proceedings of IEEE Computer Society Conference on Computer Vision and Pattern Recognition, vol. 1, pp. 511-218, Feb. 2001.

Lam et al., "Mobile Video Stream Monitoring System", Proceedings of the 11th ACM International Conference on Multimedia, 2 pages, Nov. 2-8, 2003.

Raskar, et al., "Prakash: Lighting Aware Motion Capture using Photosensing Markers and Multiplexed Illuminators", ACM Transactions on Graphics, vol. 26, No. 3, Article 36, 12 pages, Jul. 2007.

Alcantarilla et al., "KAZE Features", Proceedings of European Conference on Computer Vision, pp. 214-227, vol. 7577, Florence, Italy, Oct. 7-13, 2012.

Alcantarilla et al., "Fast Explicit Diffusion for Accelerated Features in Nonlinear Scale Spaces", 24th British Machine Vision Conference (BMVC), Bristol, UK, 11 pages, Sep. 9-13, 2013.

International Application # PCT/US2018/62166 search report dated Feb. 19, 2019.

U.S. Appl. No. # 29/612,968 office action dated Feb. 5, 2019.

\* cited by examiner

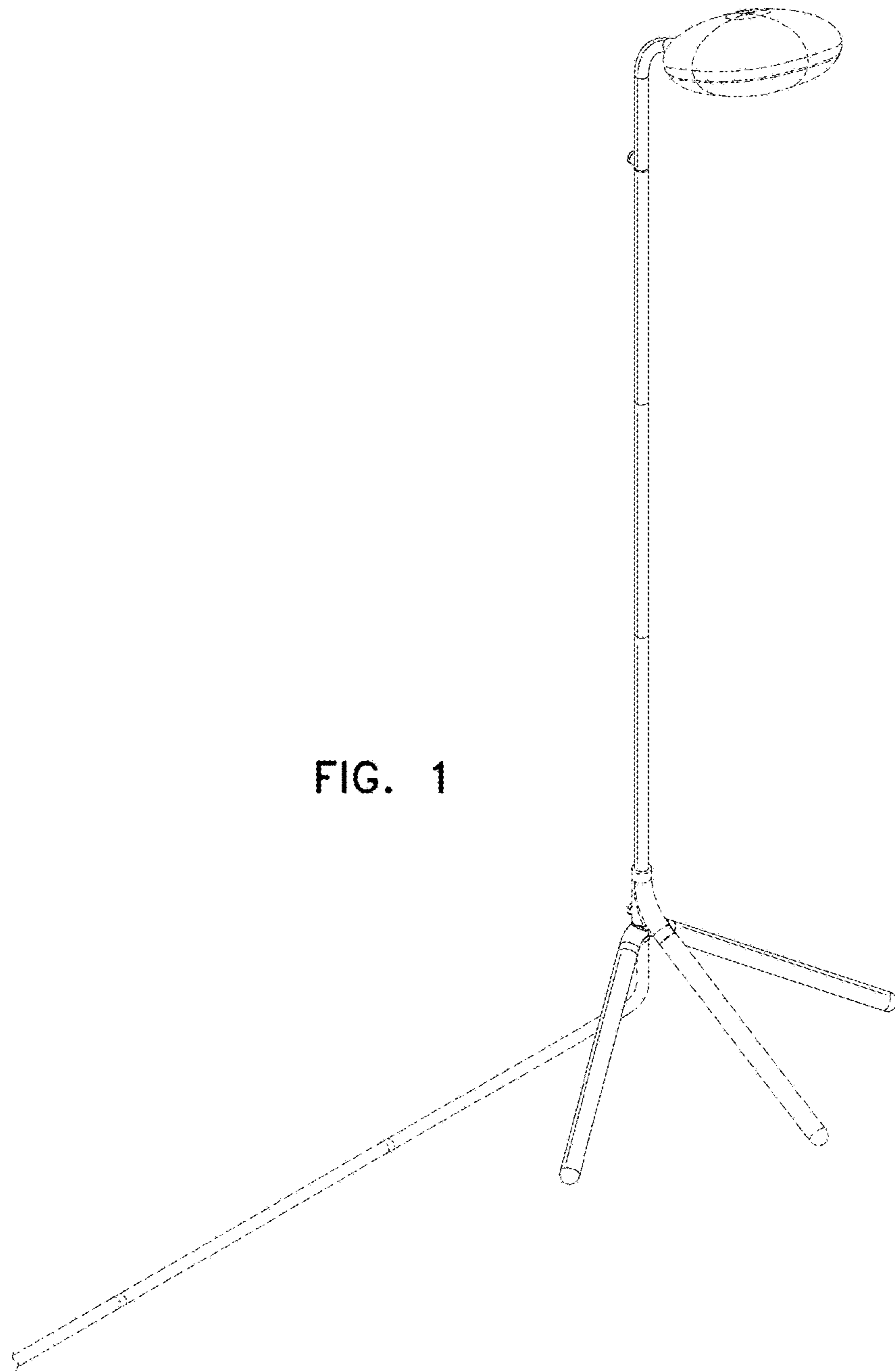


FIG. 1

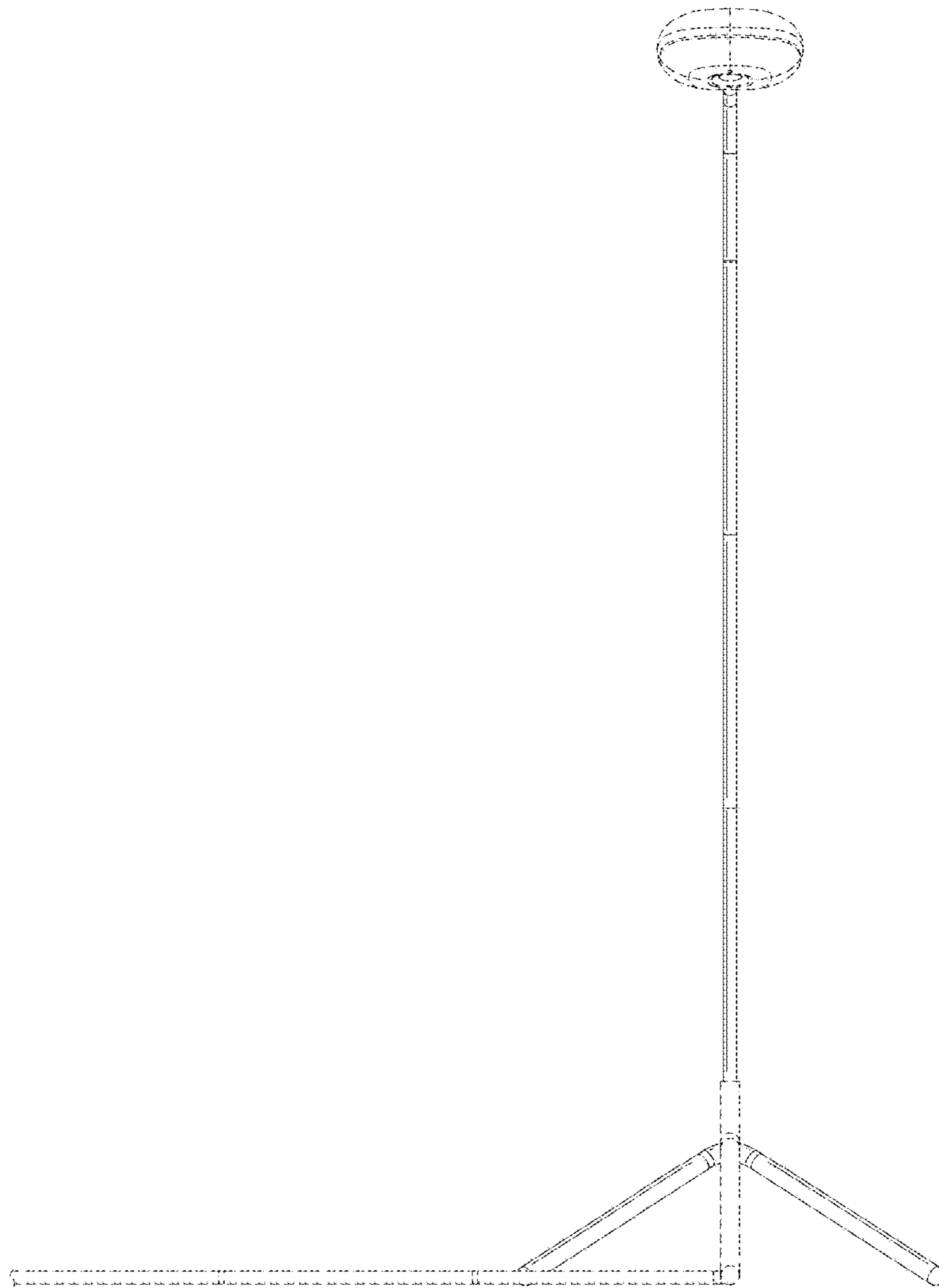


FIG. 2

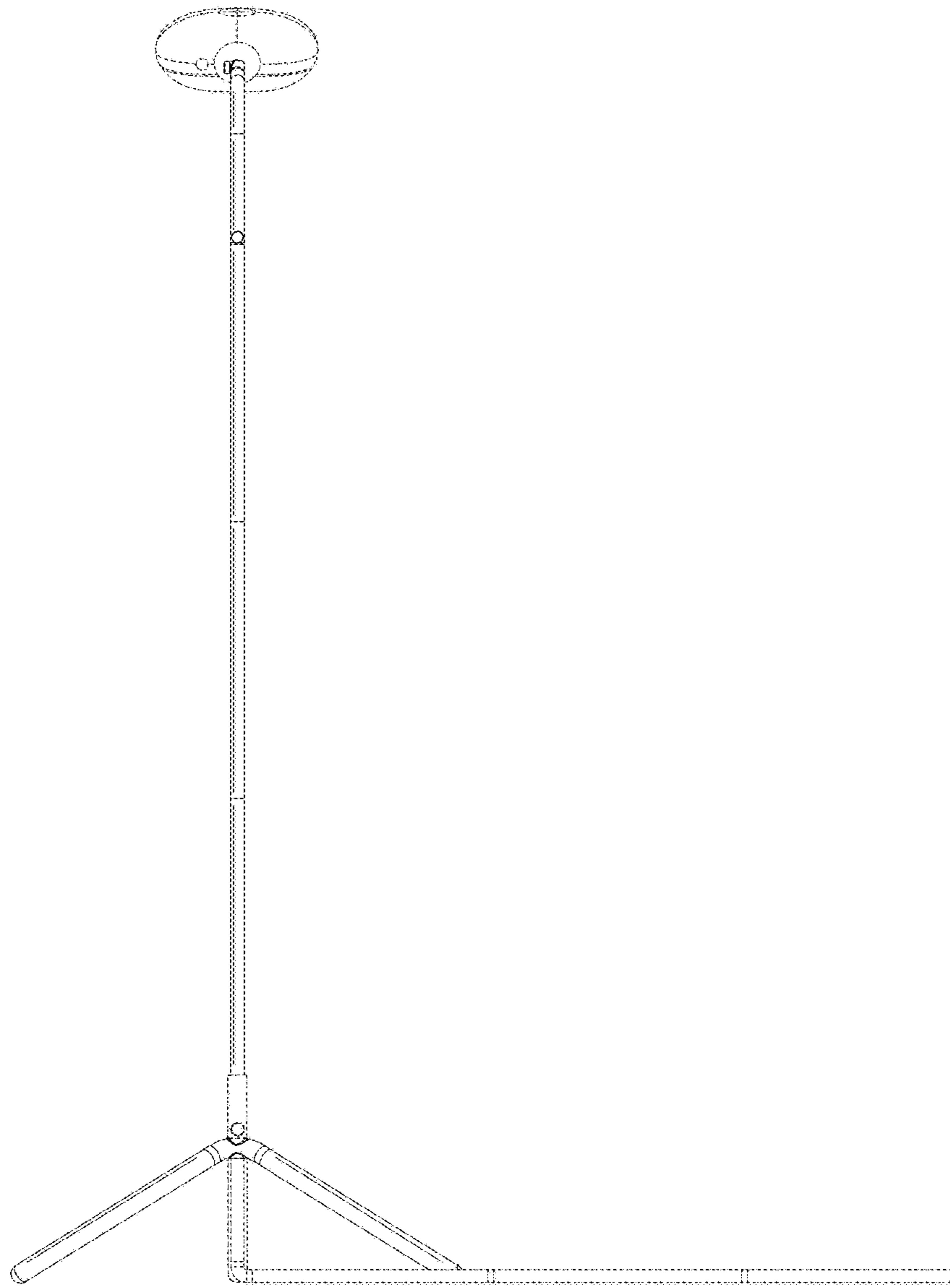


FIG. 3

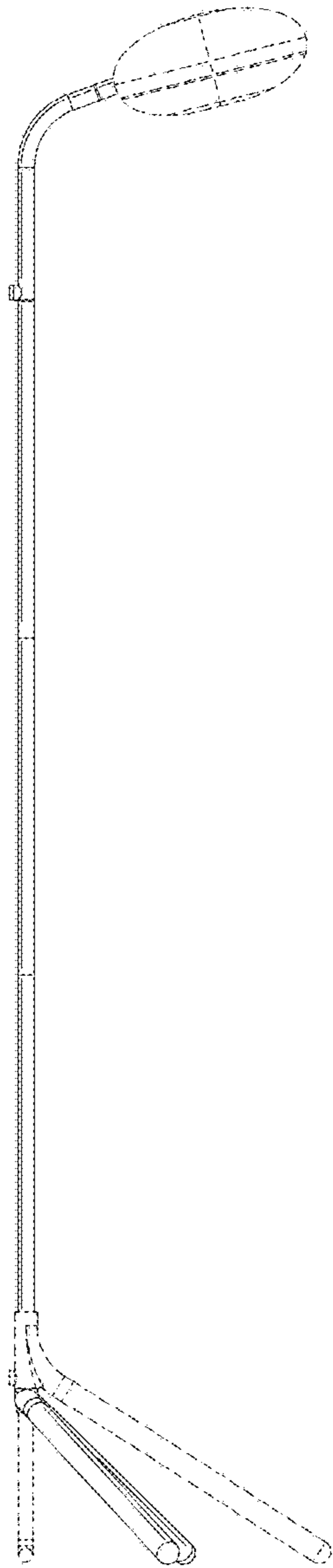


FIG. 4

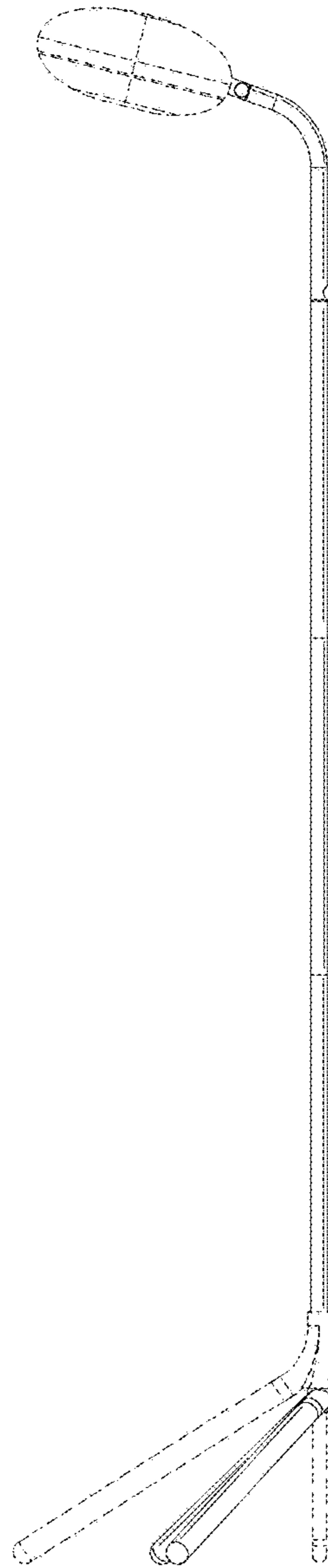


FIG. 5

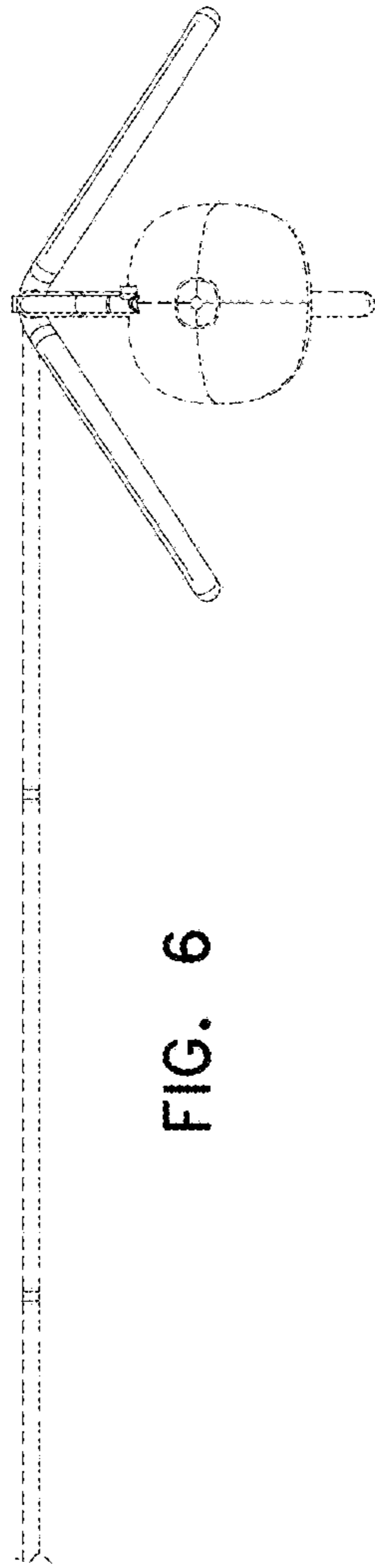


FIG. 6

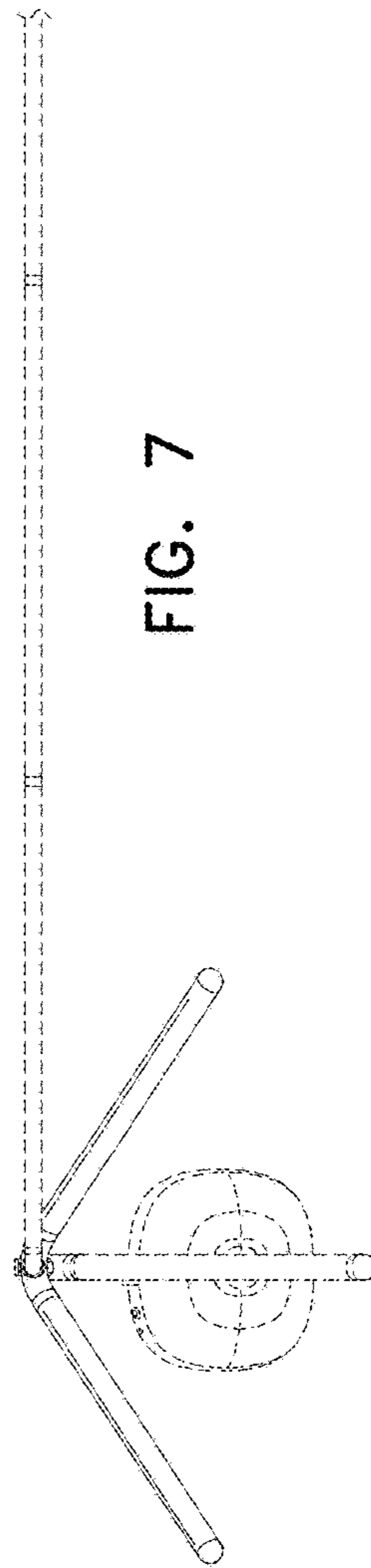


FIG. 7