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(12) **United States Design Patent** (10) **Patent No.:** **US D842,306 S**
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(54) **ARTICULATING ARM**

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(52) **U.S. Cl.**
USPC **D14/452**

(58) **Field of Classification Search**
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
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 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; 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

D232,372 S 8/1974 Grant
D269,253 S 6/1983 Gagnon
D275,431 S * 9/1984 Usab 248/921
5,195,891 A 3/1993 Sulc
D391,444 S 3/1998 Munari
5,743,503 A 4/1998 Voeller et al.

(Continued)

FOREIGN PATENT DOCUMENTS

JP 2016019043 A 2/2016

OTHER PUBLICATIONS

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

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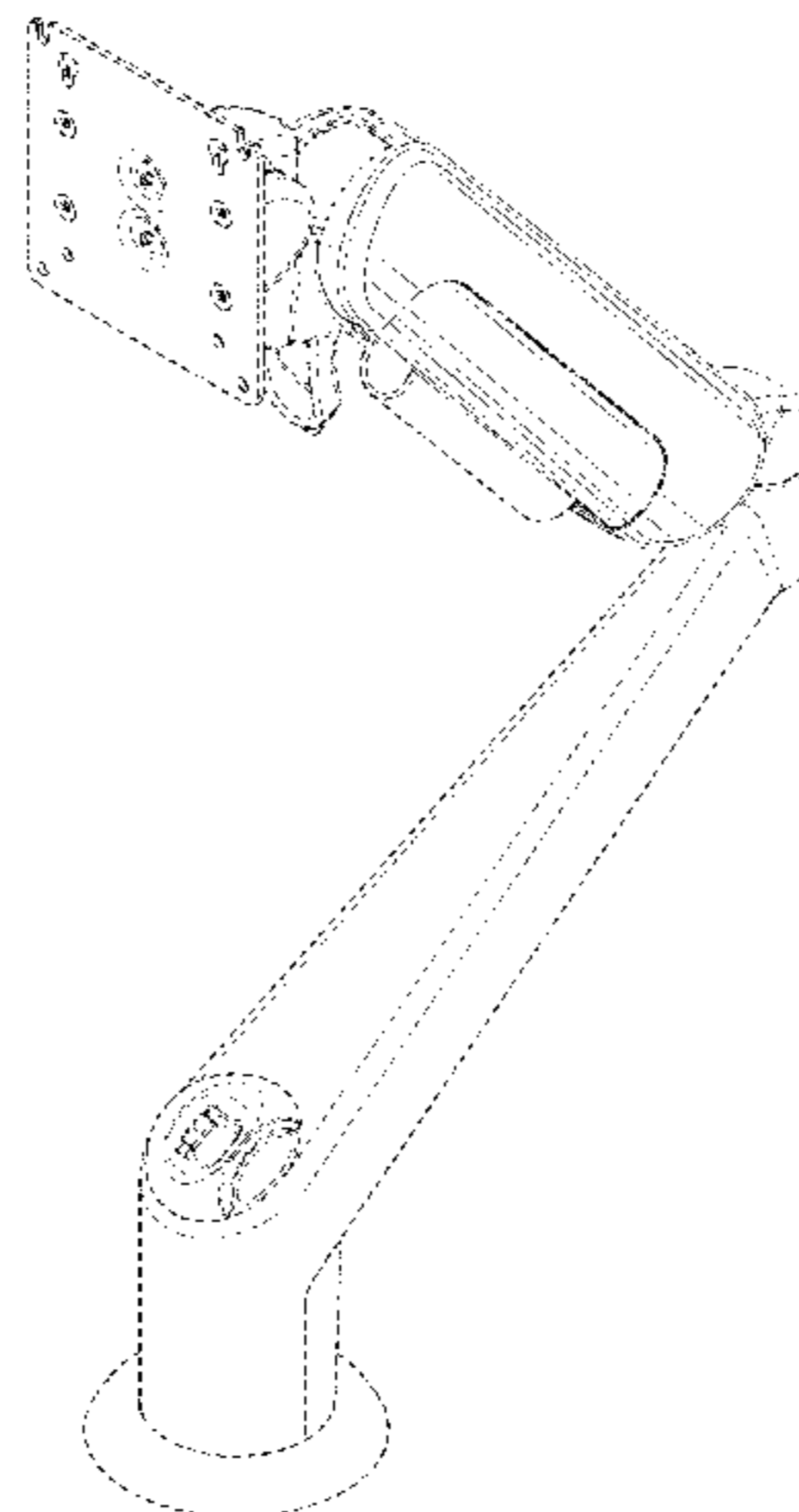
(57) **CLAIM**

The ornamental design for an articulating arm, as shown and described.

DESCRIPTION

FIG. 1 is an isometric right-side view of an articulating arm; 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; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is an isometric right-side view of the articulating arm of FIG. 1 shown in a lowered position. The broken lines in FIGS. 1-8 illustrate portions of the articulating arm that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D451,317 S	12/2001	Hsieh	
D462,969 S	9/2002	Scharer et al.	
D470,011 S	2/2003	Munari	
480,376 A1	10/2003	Ma	
D488,708 S	4/2004	Lam et al.	
D493,565 S *	7/2004	Smith	D26/118
D494,183 S *	8/2004	Wills	D14/452
D506,257 S	6/2005	Smith	
D510,571 S	10/2005	Cutler et al.	
D534,789 S	1/2007	Worrall et al.	
D537,323 S	2/2007	Saez	
D541,807 S *	5/2007	Oddsens, Jr.	D14/452
D541,808 S *	5/2007	Oddsens, Jr.	D14/452
D544,489 S *	6/2007	Oddsens, Jr.	D14/452
553,123 A1	10/2007	Solland	
D558,207 S	12/2007	Ikeda et al.	
558,208 A1	12/2007	Ikeda et al.	
D562,114 S *	2/2008	Chiu	D14/451
D570,853 S *	6/2008	Derry	D14/452
7,389,965 B2	6/2008	Oddsens, Jr. et al.	
D577,731 S *	9/2008	Altonji	D14/452
D598,240 S	8/2009	Josancy	
D602,287 S	10/2009	Grove	
7,694,927 B2 *	4/2010	Chuang	F16M 11/041 248/276.1
D618,960 S	7/2010	Chafai et al.	
D631,052 S *	1/2011	Hung	D14/452
D645,868 S *	9/2011	Lau	D14/452
D651,199 S *	12/2011	Huang	D14/239
D654,503 S *	2/2012	Sapper	D14/452
659,341 A1	5/2012	Gillis et al.	
D660,845 S *	5/2012	Schmauch	D14/452
D662,103 S	6/2012	Brandt	
D662,104 S *	6/2012	Brandt	D14/452
D663,576 S	7/2012	McEldowney	
D666,207 S *	8/2012	Brandt	D14/452
D670,544 S	11/2012	Junker et al.	
D670,786 S	11/2012	Mauchle et al.	
D679,282 S *	4/2013	Liu	D14/452
D682,258 S	5/2013	Anderson	
D686,495 S	7/2013	Murray	
D688,674 S *	8/2013	Lau	D14/452
D696,325 S	12/2013	Dekar	
D708,259 S *	7/2014	Fagan	D19/108
D711,307 S	8/2014	Fair	
D712,015 S	8/2014	Yu	
D717,298 S	11/2014	Sale et al.	
D729,814 S	5/2015	Anderson	
D729,815 S *	5/2015	Anderson	D14/452
D733,105 S	6/2015	Wengreen	
9,074,721 B2 *	7/2015	Lau	F16M 13/02
D740,830 S *	10/2015	Chu	D14/452
D743,537 S	11/2015	Answine et al.	
D745,873 S *	12/2015	Xiang	D14/452
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	F16M 11/126
D757,014 S	5/2016	Hahn et al.	
D758,375 S *	6/2016	Won	D14/451
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	D14/452
D789,373 S	6/2017	King	
D794,572 S	8/2017	Corona	
9,746,125 B2	8/2017	Bowman et al.	
D796,519 S *	9/2017	Hung	D14/452
D797,928 S	9/2017	Davis et al.	
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 et al.	
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	
D819,015 S	5/2018	Lee	
2003/0146359 A1	8/2003	Oddsens, Jr.	
2012/0267497 A1	10/2012	Bowman et al.	
2016/0305600 A1	10/2016	Bowman et al.	

* cited by examiner

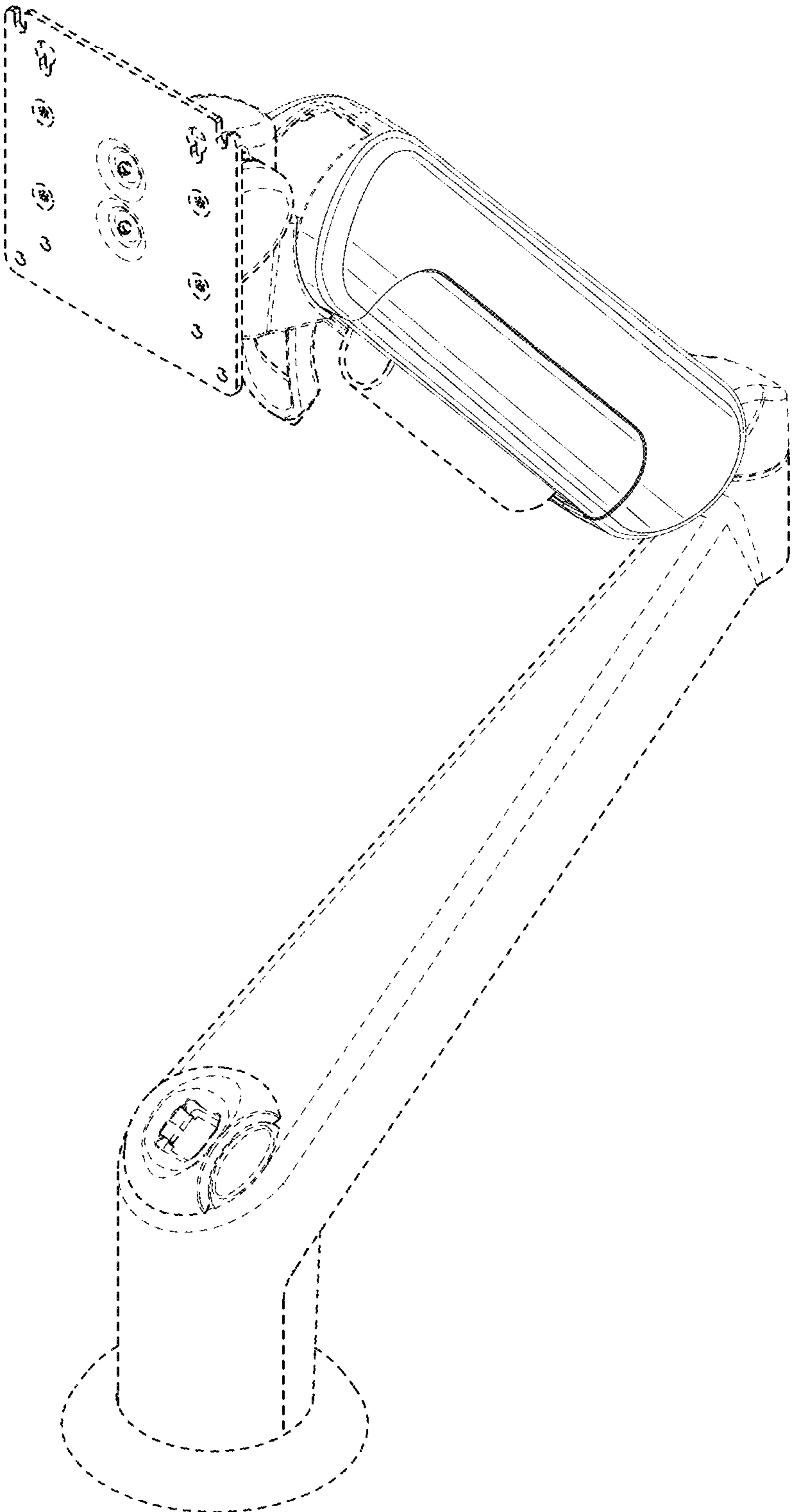


FIG. 1

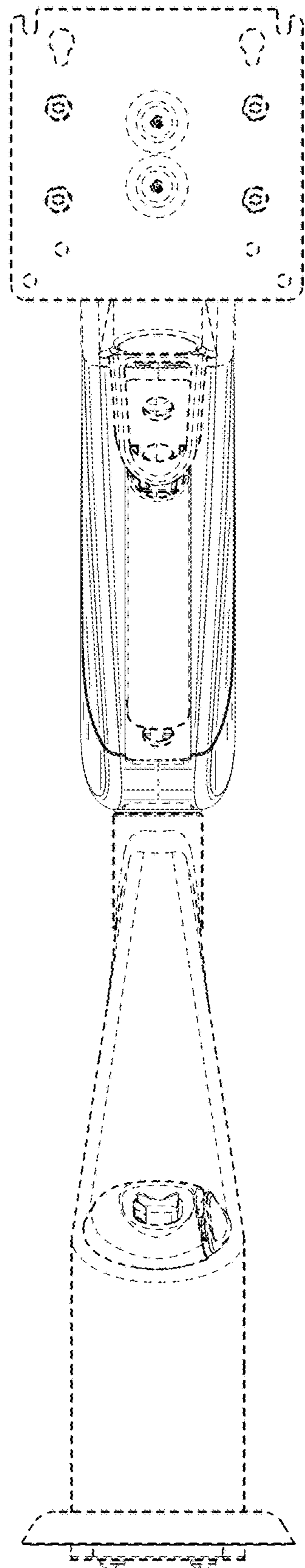


FIG. 2

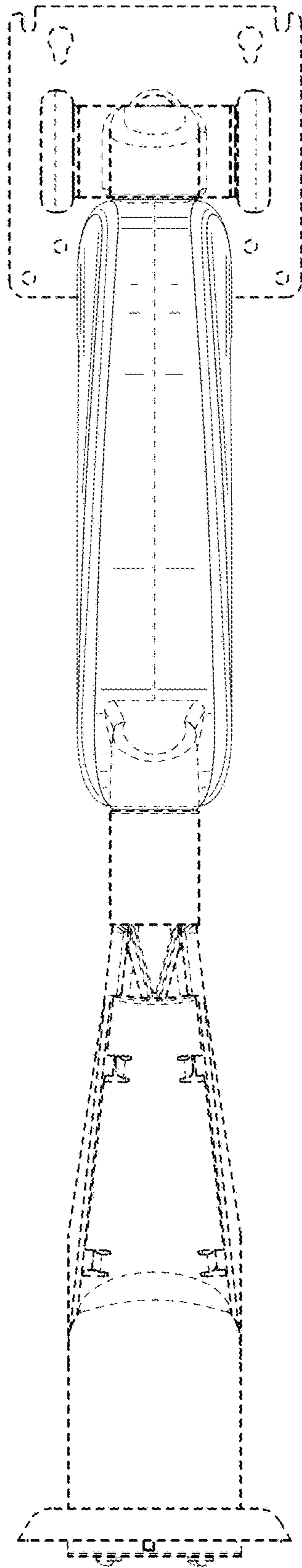


FIG. 3

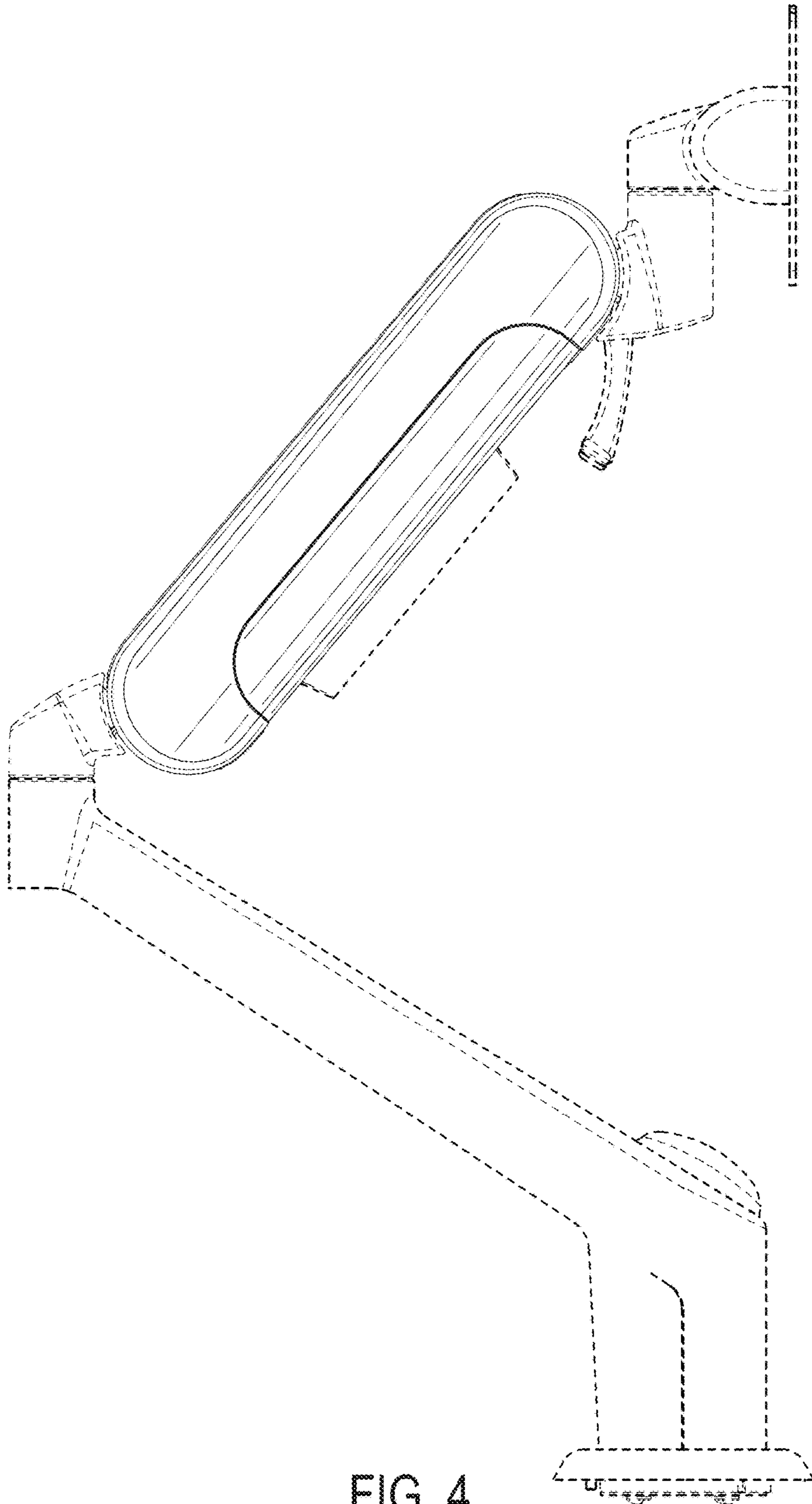


FIG. 4

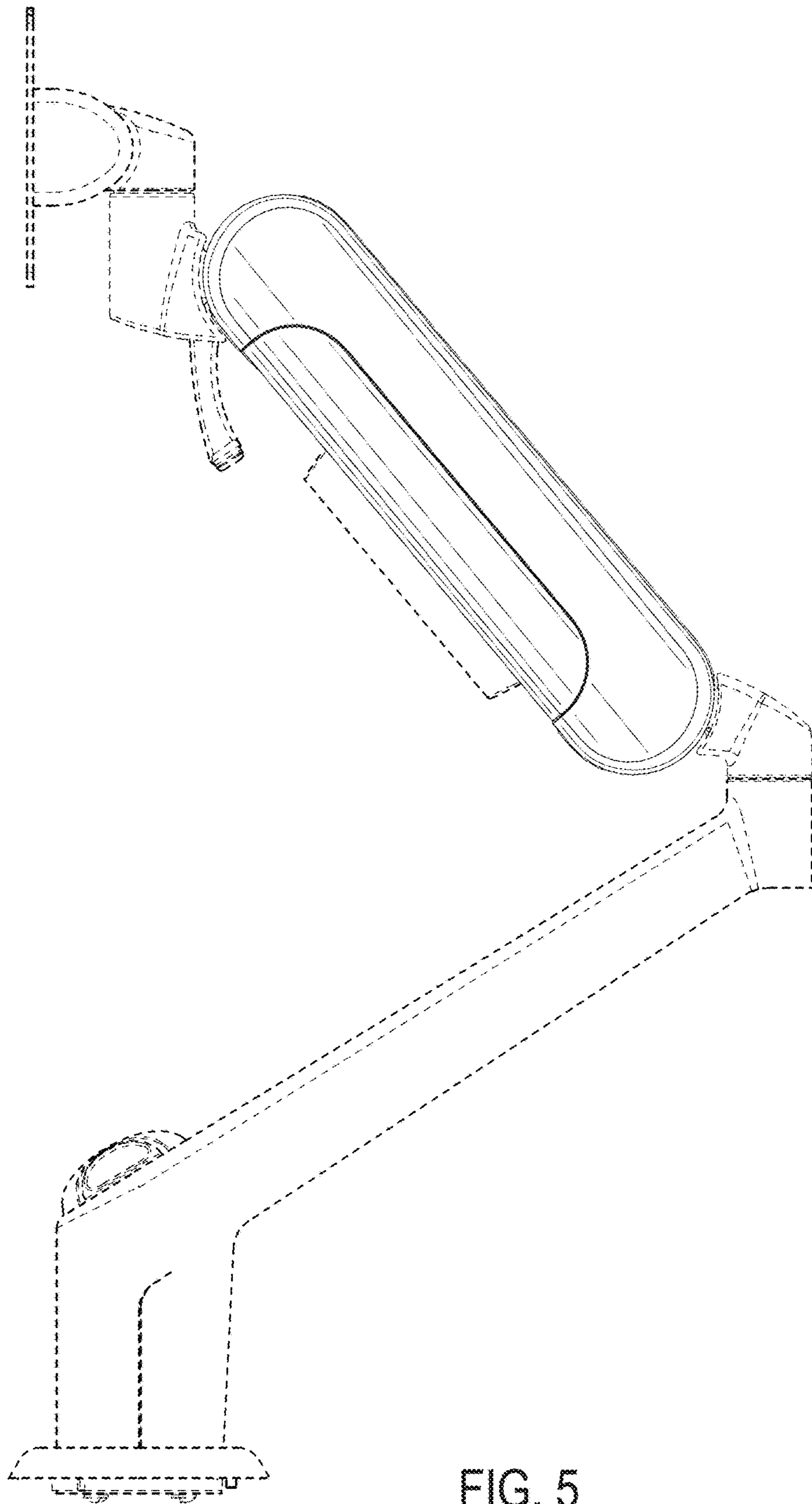


FIG. 5

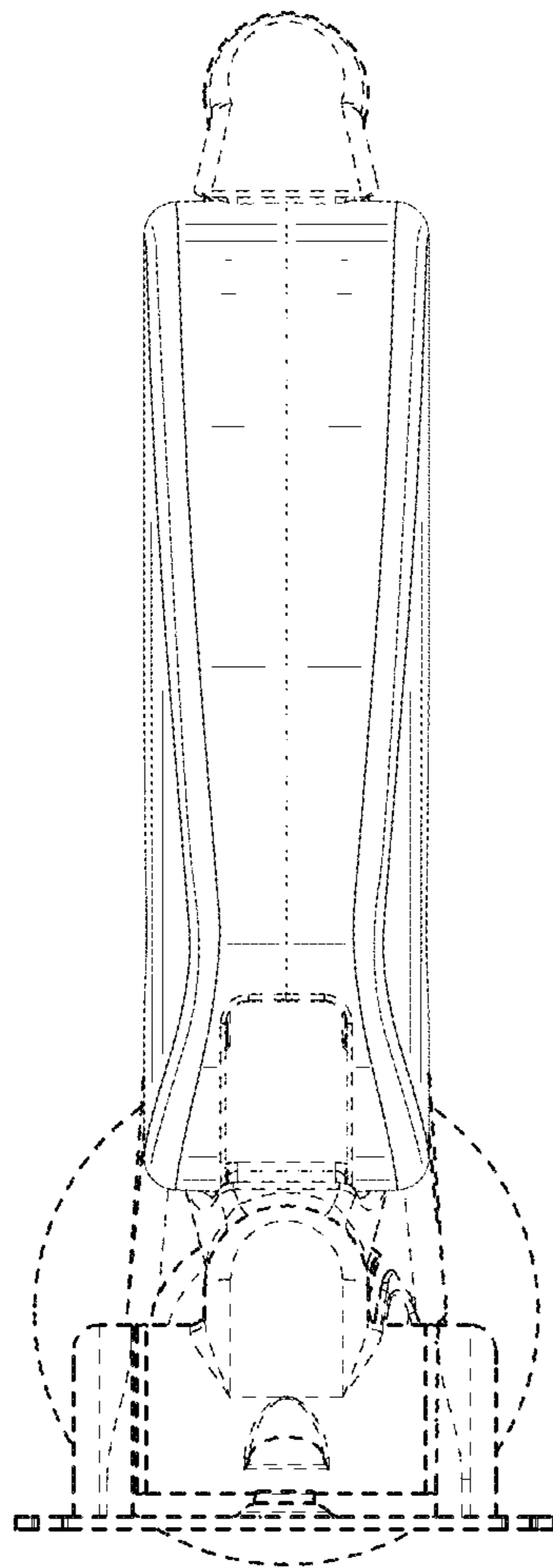


FIG. 6

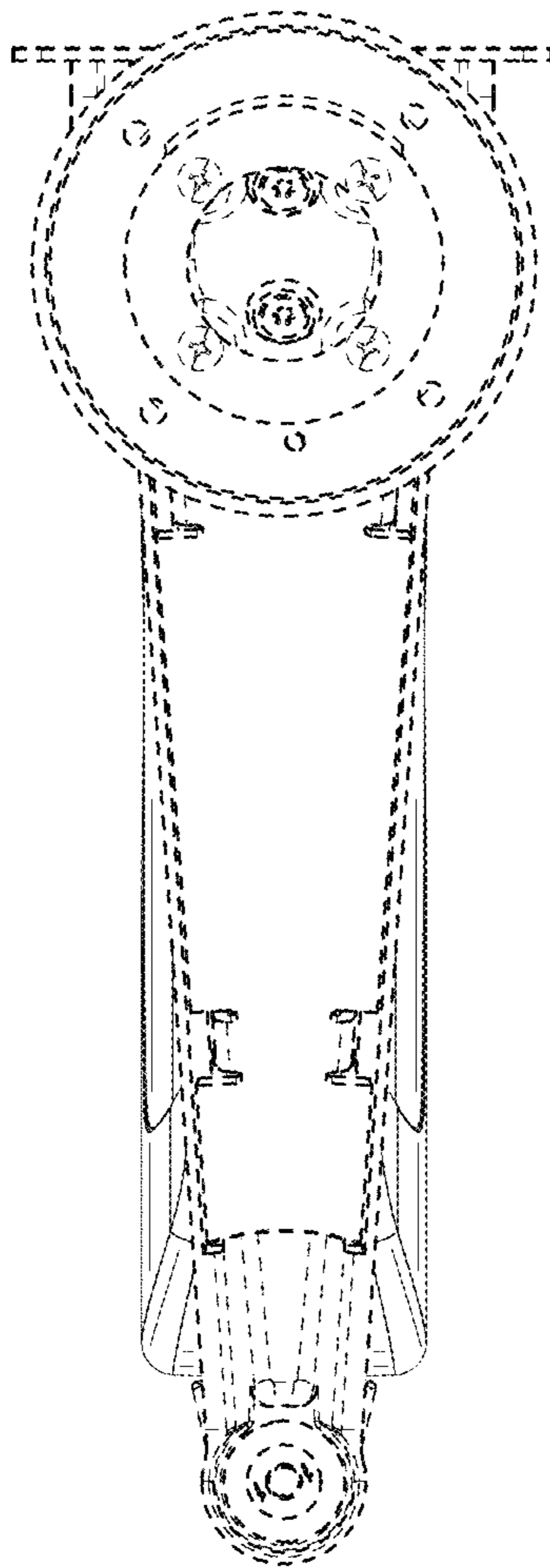


FIG. 7

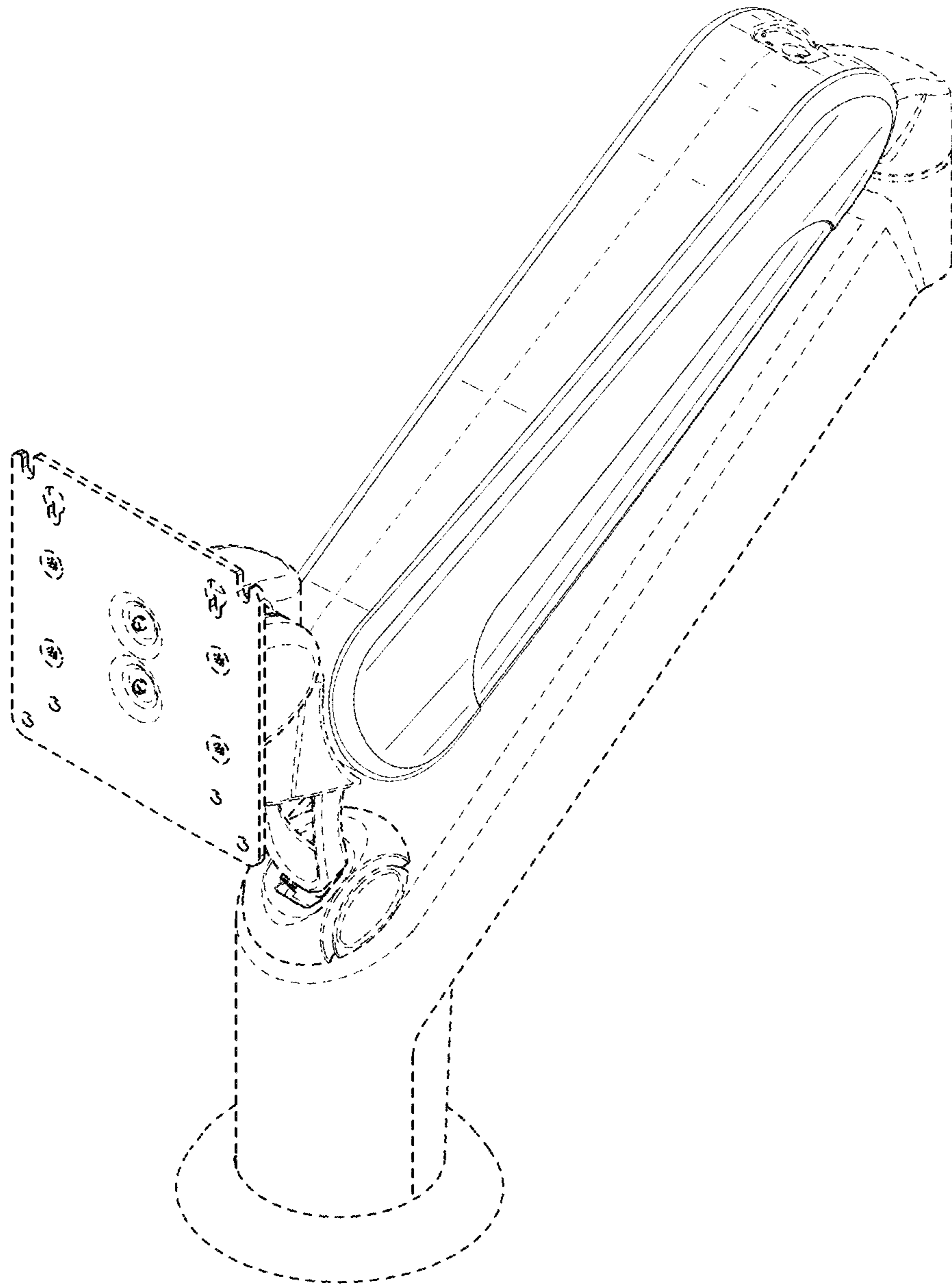


FIG. 8