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

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(54) **PORTABLE AND SMALL FORM FACTOR
DOCUMENT CAMERA AND SCANNER WITH
EXTENDIBLE FOLDING ARMS**

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(**) Term: **14 Years**

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(52) **U.S. Cl.** **D14/423; D16/229; D16/232**

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353/119, 122, DIG. 3, DIG. 4; 396/155,
396/133, 86; 358/474-498; 348/370, 373,
348/376, 374, 375; 248/187.1, 593, 276.1,
248/281.11; D26/63, 65, 64, 62, 135
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D266,429 S *	10/1982	Overman	.....	D16/221
D290,884 S *	7/1987	Sano et al.	.....	D26/65
D293,135 S *	12/1987	Medema et al.	.....	D26/61
D303,848 S *	10/1989	Bianchi	.....	D26/65
D305,228 S *	12/1989	Allgeier	.....	D14/423
4,939,580 A *	7/1990	Ishikawa et al.	.....	348/373
4,958,241 A *	9/1990	Ohtomo et al.	.....	358/437
D315,804 S *	3/1991	Von Klier	.....	D26/65
D325,027 S *	3/1992	Wallace et al.	.....	D14/423
D325,997 S *	5/1992	Dieperink et al.	.....	D26/107
D329,098 S *	9/1992	Lu	.....	D26/62
D337,843 S *	7/1993	Huang	.....	D26/65
D345,810 S *	4/1994	Yuen	.....	D26/44
D348,323 S *	6/1994	Tseng	.....	D26/94
D350,620 S *	9/1994	Yuen	.....	D26/65
D376,586 S *	12/1996	Shinano	.....	D14/423

D382,362 S *	8/1997	Huang	.....	D26/65
D386,157 S *	11/1997	Hasegawa	.....	D14/423
D386,273 S *	11/1997	Yan	.....	D26/63
D401,954 S *	12/1998	Oh et al.	.....	D16/232
D405,205 S *	2/1999	Huang	.....	D26/63
D428,179 S *	7/2000	Huang	.....	D26/65
D441,476 S *	5/2001	Mendelsohn et al.	.....	D26/63
D457,672 S *	5/2002	Tsai	.....	D26/62
D476,658 S *	7/2003	Adachi et al.	.....	D14/423
D482,475 S *	11/2003	Lee	.....	D26/62
D490,926 S *	6/2004	Katsura et al.	.....	D26/63
D497,914 S *	11/2004	Adachi et al.	.....	D14/423
D522,158 S *	5/2006	Lovegrove	.....	D26/61
D523,984 S *	6/2006	Cai	.....	D26/61
D555,272 S *	11/2007	Iai et al.	.....	D26/62
D563,583 S *	3/2008	Iai et al.	D26/65
D567,431 S *	4/2008	Garner et al.	D26/107

(Continued)

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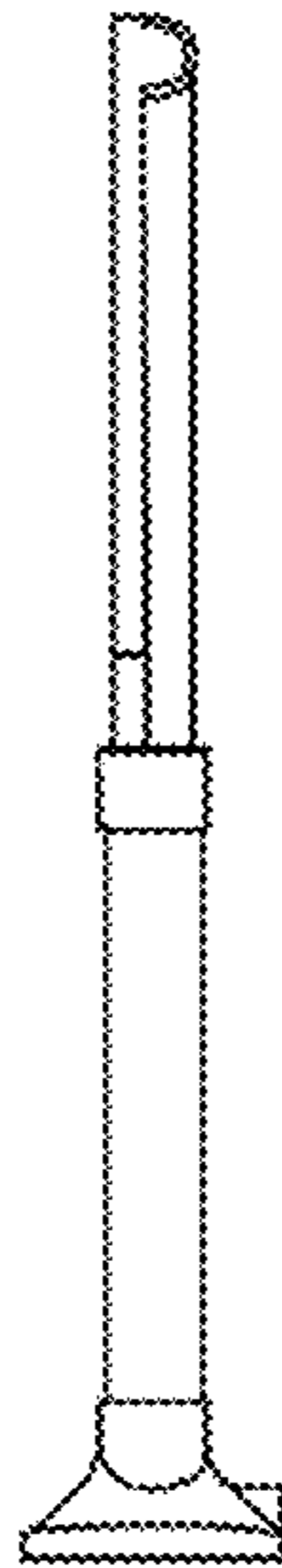
(57) **CLAIM**

I claim the ornamental design for a portable and small form factor document camera and scanner with extendible folding arms, as shown and described.

DESCRIPTION

FIG. 1 is a perspective front view of the portable and small form factor document camera and scanner with extendible folding arms, in a first configuration; FIG. 2 is a left perspective front view of the portable and small form factor document camera and scanner with extendible folding arms, in a folded configuration; and, FIG. 3 is a left perspective side view of the portable and small form factor document camera and scanner with extendible folding arms, in an extended configuration. The broken lines are included for the purpose of illustrating portions of the document camera and scanner that form no part of the claimed design.

1 Claim, 2 Drawing Sheets



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U.S. PATENT DOCUMENTS

D568,520	S *	5/2008	Castellucci et al.	D26/65	7,731,386	B2 *	6/2010	Levine	362/197
D569,890	S *	5/2008	Sukenari et al.	.....	D16/232	D626,164	S *	10/2010	Kato et al.	.....	D16/232
D573,146	S *	7/2008	Sukenari et al.	.....	D14/431	D627,500	S *	11/2010	Lain	.....	D26/65
D580,578	S *	11/2008	Chien	.....	D26/63	D627,501	S *	11/2010	Lin et al.	.....	D26/65
D580,962	S *	11/2008	Sukenari et al.	.....	D16/232	D628,331	S *	11/2010	Tang et al.	.....	D26/63
D590,532	S *	4/2009	Levine	.....	D26/60	D633,126	S *	2/2011	Park	.....	D16/232
D602,063	S *	10/2009	Su	.....	D16/232	D637,331	S *	5/2011	Lee	.....	D26/63
D602,971	S *	10/2009	Lee	.....	D16/235	D637,332	S *	5/2011	Lee	.....	D26/63
D603,889	S *	11/2009	Sukenari et al.	.....	D16/232	D641,515	S *	7/2011	Chung	.....	D26/63
D604,883	S *	11/2009	Park	.....	D26/65	D641,907	S *	7/2011	Lee	.....	D26/65
D606,692	S *	12/2009	Waldmann	.....	D26/65	D642,608	S *	8/2011	Kato	.....	D16/232
D607,482	S *	1/2010	Inoue et al.	.....	D16/232	2002/0106137	A1 *	8/2002	Chen et al.	.....	382/321
D608,047	S *	1/2010	Scheper et al.	.....	D26/138	2006/0050519	A1 *	3/2006	Lin	.....	362/413
D608,925	S *	1/2010	Hodgson	.....	D26/62	2007/0165135	A1 *	7/2007	Sukenari et al.	.....	348/373
7,710,497	B2 *	5/2010	Sukenari et al.	.....	348/375	2010/0188562	A1 *	7/2010	Yamakose et al.	.....	348/373
D617,932	S *	6/2010	Chan	.....	D26/63						

* cited by examiner

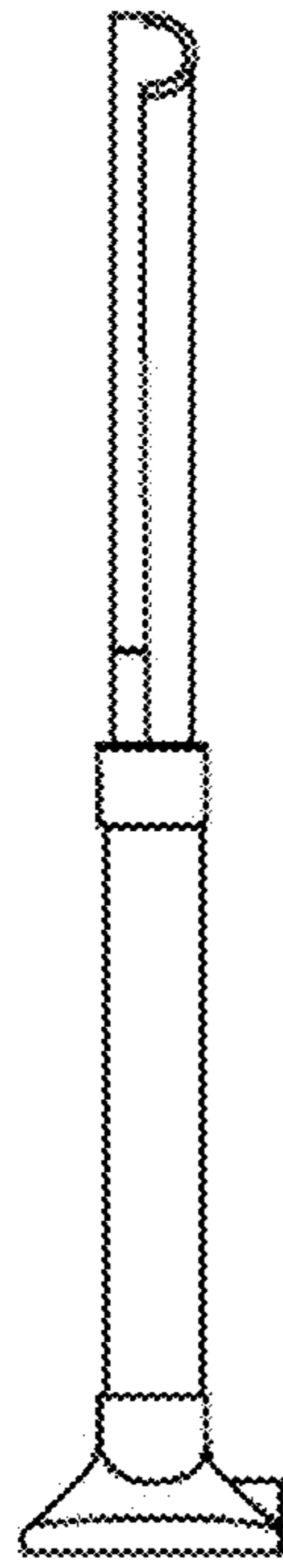


FIG. 1

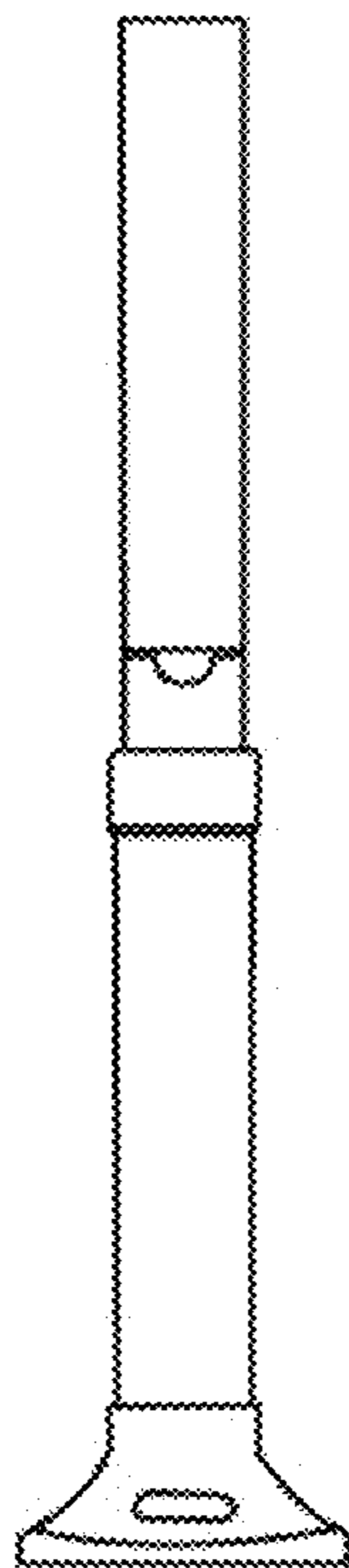


FIG. 2

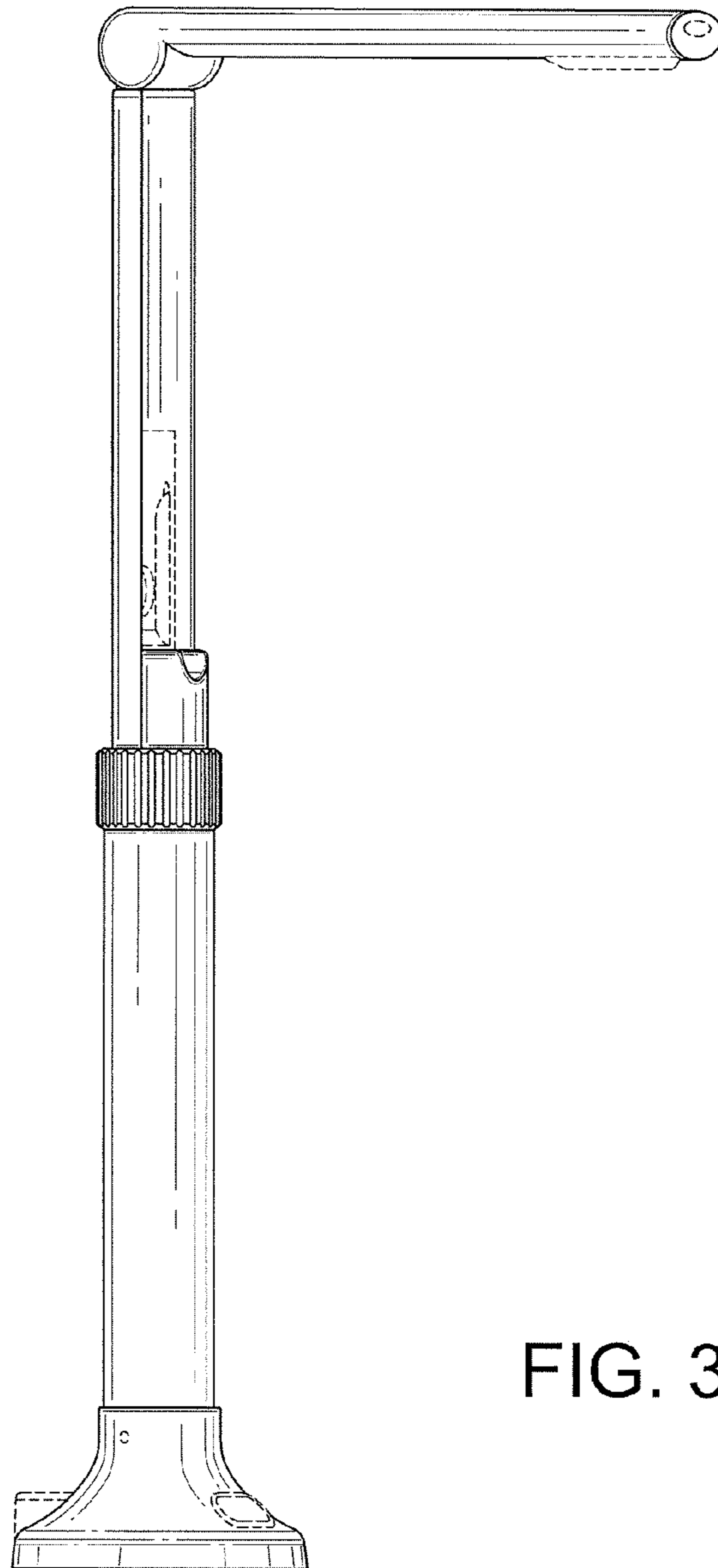


FIG. 3