

US00D960280S

(12) United States Design Patent (10) Patent No.:

Roberts et al.

US D960,280 S

(45) **Date of Patent:** Aug. 9, 2022

BIPOD (54)

Applicant: Magpul Industries Corp., Austin, TX

(US)

Inventors: **Timothy Eric Roberts**, Broomfield, CO

(US); Michael T. Mayberry, Denver,

CO (US)

Assignee: Magpul Industries Corp., Austin, TX

(US)

15 Years Term:

Appl. No.: 29/817,448

Dec. 1, 2021 (22)Filed:

Related U.S. Application Data

- Division of application No. 29/719,892, filed on Jan. 8, 2020, now Pat. No. Des. 943,049, which is a division of application No. 29/630,775, filed on Dec. 22, 2017, now Pat. No. Des. 875,871.
- LOC (13) Cl. (51)
- (52)U.S. Cl. USPC **D22/108**
- Field of Classification Search (58)CPC F41A 23/04; F41A 23/08; F41A 23/10 See application file for complete search history.

(56)**References Cited**

U.S. PATENT DOCUMENTS

3,327,422 A	6/1967	Harris
4,397,112 A	8/1983	
, ,	9/1984	
4,470,216 A		
4,625,620 A	12/1986	
4.641.451 A	2/1987	Harris

2/1990 Harris 4,903,425 A D346,636 S 5/1994 Bechtel 12/1997 Bell 5,692,654 A 5,711,103 A 1/1998 Keng (Continued)

FOREIGN PATENT DOCUMENTS

EP	1769214 A1	4/2007
EP	2880352 A1	6/2015
	(Conti	nued)

OTHER PUBLICATIONS

US Tactical Supply website, Magpul Bipod, Earliest date on Internet Archive Jan. 26, 2021, [site visited Mar. 28, 2022], Available on the Internet URL https://web.archive.org/web/20200801000000*/https:// ustacticalsupply.com/magpulbipod.aspx (Year: 2021).*

(Continued)

Primary Examiner — S. Bryan Reinholdt, Jr. (74) Attorney, Agent, or Firm — Neugeboren O'Dowd PC

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

CLAIM

DESCRIPTION

FIG. 1 is a left, top, rear perspective view of a bipod showing our new design;

FIG. 2 is a rear elevation view of the bipod of FIG. 1;

FIG. 3 is a front elevation view of the bipod of FIG. 1;

FIG. 4 is a left side elevation view of the bipod of FIG. 1;

FIG. 5 is a right side elevation view of the bipod of FIG. 1;

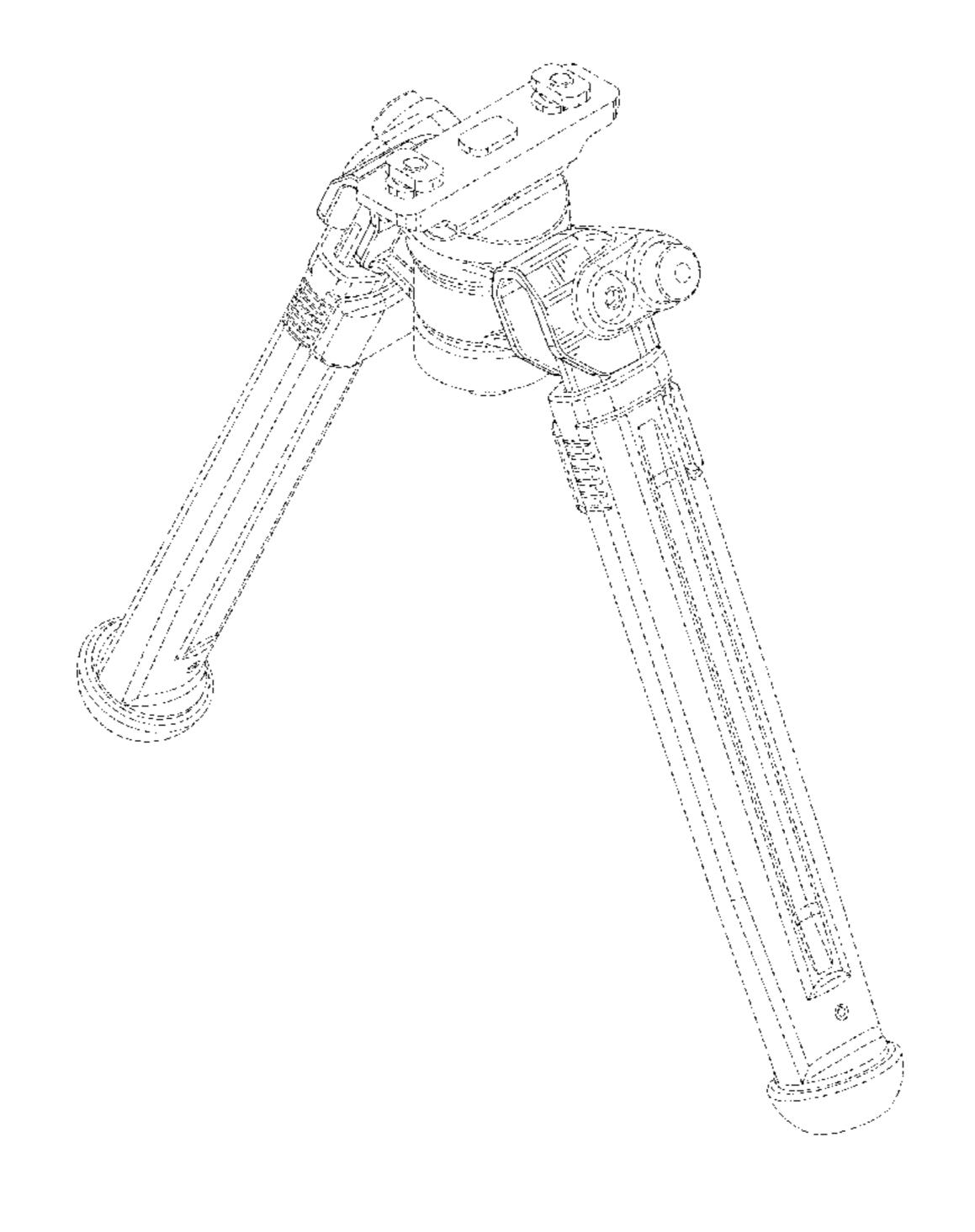
FIG. 6 is a top view of the bipod of FIG. 1; and,

FIG. 7 is a bottom view of the bipod of FIG. 1.

The intermittent lines depict shading and contour.

The features drawn in broken line in all figures are portions of the bipod that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(57)

(56)	References Cited	2013/0036647 A1 2/2013 Chvala
U.S	PATENT DOCUMENT	2013/0174463 A1 7/2013 Hinds 2014/0115940 A1 5/2014 Bonelli et al. 2014/0130393 A1 5/2014 Well
	12/1998 Bilgeri et al.	2014/0190059 A1 7/2014 Ballard
	9/2001 Desch, Jr. et al 4/2003 Yeargin	2015/0135577 A1 5/2015 Poling 2015/0362278 A1 12/2015 Genchel et al.
6,629,380 B2	-	2016/0116245 A1 4/2016 Ravnaas
	7/2004 Kaempe	2016/0209172 A1 7/2016 Trotabas 2016/0238336 A1 8/2016 Bartak
, ,	12/2004 Houtsma 4/2006 Wygant	2016/023863 A1 9/2016 Hayes
	10/2006 Keng	2018/0058794 A1 3/2018 Scalf
7,143,986 B1	12/2006 Austin et al.	2018/0180374 A1 6/2018 Roberts et al. 2018/0216907 A1 8/2018 Roberts et al.
7,197,844 B2 7,222,451 B2	4/2007 Benson 5/2007 Keng et al.	2018/0259287 A1 9/2018 Palu et al.
7,243,455 B2	7/2007 Jurk	2022/0042760 A1* 2/2022 Roberts
7,421,815 B1 7,430,828 B2	9/2008 Moody et al. 10/2008 Munst	2022/0002340 AT 3/2022 ROUGHS 1'41A 23/10
7,130,020 B2 7,431,247 B2	10/2008 Robro	FOREIGN PATENT DOCUMENTS
, ,	1/2009 Bender	TID 0056505 A 1 10/0015
	8/2009 Peterson 11/2009 Beltz	EP 2956705 A1 12/2015 HK 1801236-0001 * 11/2018
7,631,455 B2	12/2009 Keng et al.	WO 2013132291 A1 9/2013
	3/2010 Cahill et al. 8/2010 Bartak	WO 2016161059 A1 10/2016
7,779,572 B2	8/2010 Potterfield et al	
7,793,454 B1	9/2010 Beltz	OTHER PUBLICATIONS
7,823,316 B2 7,845,267 B2	11/2010 Storch et al. 12/2010 Potterfield et al	ACCU-TAC, "SR-5", Retrieved from URL: http://www.accu-tac.
7,856,748 B1	12/2010 Mertz	com/product/sr-5-bipod/, Known to exist as early as Sep. 26, 2016,
7,954,272 B2	6/2011 Potterfield et al	3 pages.
8,104,213 B2 8,104,214 B2	1/2012 Keng et al. 1/2012 Boord	Amazon website, Magpul Rifle Bipod, Earliest comment date Oct.
8,291,633 B1	10/2012 Hass et al.	23, 2018, [site visited Aug. 16, 2020], Available on the Internet URL
8,316,570 B2 8,327,570 B2	11/2012 Potterfield et al 12/2012 Potterfield et al	
8,341,864 B2	1/2013 Moody et al.	B07DMBBXY5, 1 pages. B&T Industries, LLC, "Atlas Bipods", Retrieved from http://www.
8,341,865 B2	1/2013 Moody et al.	accu-shot.com/Atlas_Bipods.php, Known to exist as early as Sep.
8,341,866 B1 8,359,780 B2	1/2013 Gaddini et al. 1/2013 Peterson et al.	26, 2016, 1 page.
8,402,684 B1	3/2013 Beltz	Battenfeld Technologies, Inc., "Caldwell Shooting Bipod", Retrieved
8,418,394 B2 8,443,540 B2	4/2013 Keng 5/2013 Poling	from URL: https://www.btibrands.com/product/shooting-bipod/, Known to exist as early as Sep. 26, 2016, 2 pages.
8,448,369 B2	5/2013 Hinds, Jr.	Blackhawk, "Sportster Traversetrack Bipod", Retrieved from URL:
8,458,946 B1 8,464,628 B2	6/2013 Pintsch 6/2013 Potterfield et al	https://blackhawk.com/products/long-gun-accessories/long-gun-
8,496,212 B2	7/2013 Follerheid et al.	accessories/- bipods/sportster-traversetrack-bipod, Known to exist
8,567,106 B2	10/2013 Chvala et al.	as early as Sep. 26, 2016, 7 pages. Pobro Engineering "Pi Pod Type 2 PI AC" Petrioxed from LIDI:
8,578,647 B2 8,607,491 B2	11/2013 Storch et al. 12/2013 Moody et al.	Bobro Engineering, "Bi-Pod Type 3-BLAC", Retrieved from URL: http://www.bobroengineering.com/view/product/1/, Known to exist
8,863,430 B2	10/2014 Poling	as early as Sep. 26, 2016, 2 pages.
8,869,442 B2 8,894,024 B2	10/2014 Moody et al. 11/2014 Deros	boltcarrier.com, "Knight's Armament (KAC) KAC Bi Pod Assem-
8,904,693 B1	12/2014 Beltz	bly", Retrieved from URL: https://www.boltcarrier.com/product/
9,121,665 B2	9/2015 Hinds	kac-bi-pod/. Known to exist as early as Sep. 26, 2016, 1 page. Brownells, Inc., "GPS, LLC.—Military Model Grip Pod Picatinny
9,255,751 B1 9,303,940 B2	2/2016 Beltz 4/2016 Bonelli et al.	Mount", Retrieved from URL: https://www.brownells.com/shooting-
9,354,012 B2	5/2016 Faifer et al.	accessories/bipods-monopods-amp-access- ories/bipod-accessories/
D758,521 S D758,522 S	6/2016 Ding et al. 6/2016 Ding et al.	grip-pod-gps-02-military-model-prod244. Known to exist as early
9,377,274 B2	6/2016 Eing et al. 6/2016 Kincel	as Sep. 26, 2016, 2 pages. CAA, "NBPS Bottom Rail Mounting Short Bipod Picatinny",
9,410,762 B2	8/2016 Ballard	Retrieved from URL: https://usa.caagearup.com/nbps-bottom-rail-
9,435,601 B2 9,470,468 B2	9/2016 Poling 10/2016 McGinty	mounting-short-bipod-picatinny. Known to exist as early as Sep. 26,
D790,652 S	6/2017 Gaddini	2016, 4 pages.
10,139,183 B1 10,161,706 B2	11/2018 Liu 12/2018 Roberts et al.	Examination Report No. 1 received for Australian Patent Applica-
D875,871 S	2/2020 Roberts et al.	tion Serial No. 2017382340 dated Sep. 30, 2020, 5 pages. Extended European Search Report received for European Patent
D898,156 S	10/2020 Roberts	Application Serial No. 17883801.7 dated Jul. 15, 2020, 8 pages
D935,547 S * D943,049 S	* 11/2021 Ye	Fab Defense, "H-Pod", Retrieved from URL: https://www.fab-
2003/0042388 A1	3/2003 Peterson	defense.com/en/category-bipods/id-774/harris-bipod-tiltin-g-rotating-
2005/0242250 A1 2008/0295379 A1	11/2005 Keng et al. 12/2008 Potterfield et al	picatinny-adaptorhtml, Known to exist as early as Sep. 26, 2016, 1 page.
2008/0293379 A1 2009/0000175 A1	1/2009 Potterfield et al	
2009/0045304 A1	2/2009 Faifer	http://fidelisfirearms.com/bipods/, Known to exist as early as Sep.
2011/0036236 A1 2011/0126444 A1	2/2011 Potterfield et al 6/2011 Keng et al.	26, 2016, 1 page. Final Office Action received for U.S. Appl. No. 29/719,892 dated
2011/0120444 A1 2011/0296734 A1		Feb. 24, 2021, 16 pages.
	-	

(56) References Cited

OTHER PUBLICATIONS

GG&G, "Standard XDS Bipod", Retrieved from http://www.gggaz.com/standard-xds-swivel-bipod.html, Known to exist as early as Sep. 26, 2016, 4 pages.

Harris Bipods, "Harris Bipods and Adapters", Retrieved from URL: http://www.harrisbipods.com/, Known to exist as early as Sep. 26, 2016, 8 pages.

hkparts.net, "HK German Rifle All Steel Bipod—for use With the HK Wide Forearm", Retrieved from URL: http://www.hkparts.net/shop/pc/HK-German-All-Steel-Bipod-G3-91-93-33-p215-.htm, Known to exist as early as Sep. 26, 2016, 2 page.

International Search Report and Written Opinion received for International PCT Application Serial No. PCT/US2017/068136 dated Apr. 25, 2018, 13 pages.

KFS Industries, Inc., "S7 Bipods", Retrieved from URL: http://s7bipod.com/, Known to exist as early as Sep. 26, 2016, 2 pages. KFS Industries, Inc., "Versa-Pod", Retrieved from URL: http://stores.versapod.com/, Known to exist as early as Sep. 26, 2016, 2 pages.

Leapers, Inc., "Bipods and Shooting Stands", Retrieved from URL: http://www.leapers.com/index.php?mitem=bipod&mtrack=m, Known to exist as early as Sep. 26, 2016, 1 page.

Midwest Gun Works, Inc., "SAKO TRG 22/42 Bipod", Retrieved from URL: https://www.midwestgunworks.com/page/mgwi/prod/S5740495?, Known to exist as early as Sep. 26, 2016, 2 pages. Military Advantage, "M249 Squad Automatic Weapon", Retrieved from URL: https://www.military.com/equipment/m249-squad-automatic-weapon, Known to exist as early as Sep. 26, 2016, 2 pages.

Mystic Precision, "MPOD", Retrieved from URL: http://mysticprecision.com/mpod/, Known to exist as early as Sep. 26, 2016, 3 pages. Non-Final Office Action received for U.S. Appl. No. 29/719,892 dated Sep. 4, 2020, 88 pages.

Notice of Allowance received for Taiwanese Design Patent Application Serial No. 107303505 dated Jan. 7, 2019, 5 pages.

Notice of Allowance received for U.S. Appl. No. 29/719,892 dated Sep. 2, 2021, 39 pages.

Office Action received for Japanese Patent Application Serial No. 2018-013701 dated Dec. 12, 2018, 2 pages.

Response to Office Action Received for Japanese Patent Application Serial No. 2018-013701 dated Jan. 31, 2019, 3 pages.

Sarco, Inc., "M60 US GI Bipod", Retrieved from URL: http://www.e-sarcoinc.com/m60bipod.aspx, Known to exist as early as Sep. 26, 2016, 2 pages.

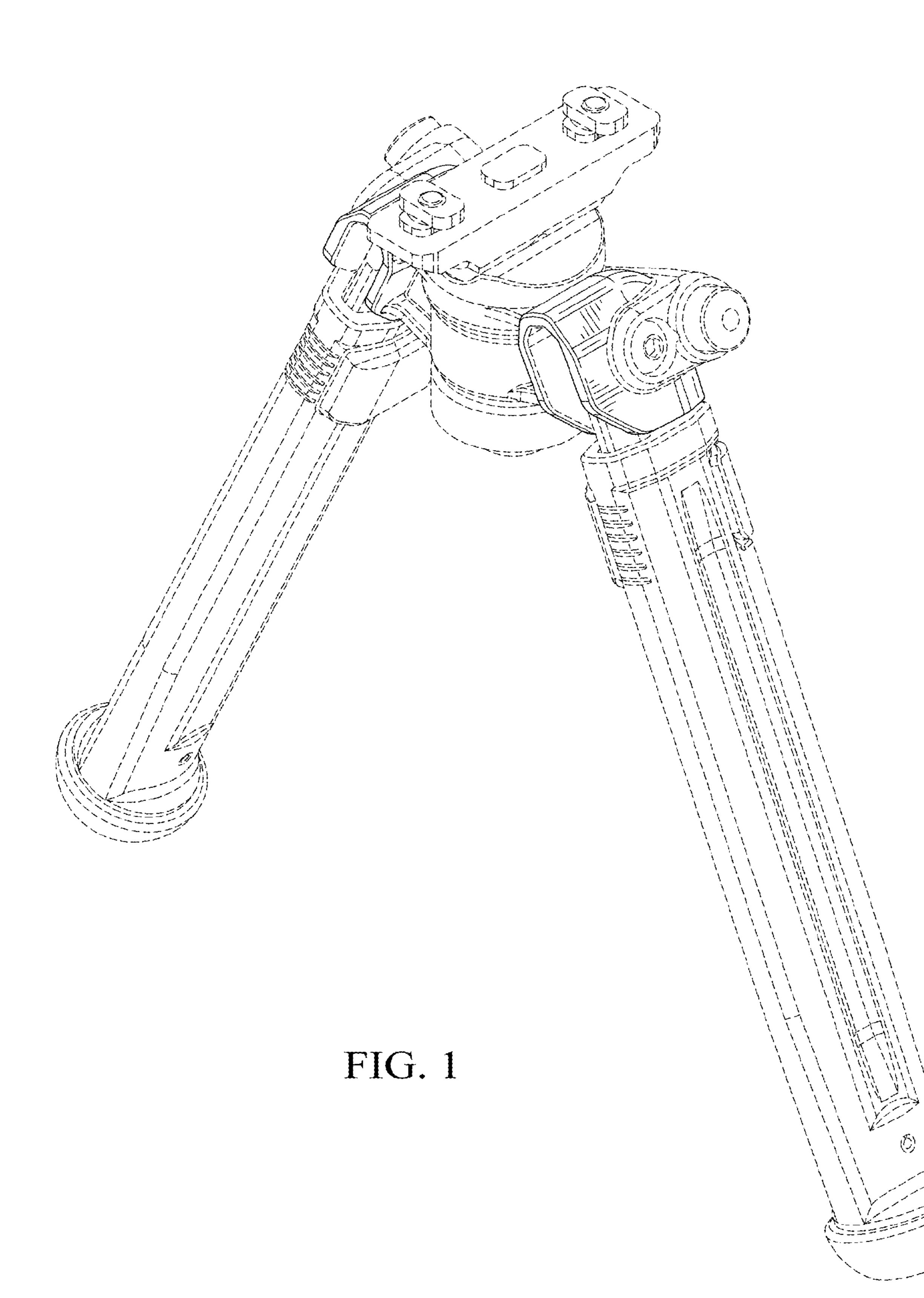
The Mako Group, "Tactical Vertical Foregrip With Integrated Adjustable Bipod-GEN 2-T-PODG2QR", Retrieved from URL: https://www.themakogroup.com/foregrips/tactical-vertical-foregrip-with-in- tegrated-adjustable-bipod-gen-2-t-podg2qr.html. Known to exist as early as Sep. 26, 2016, 4 pages.

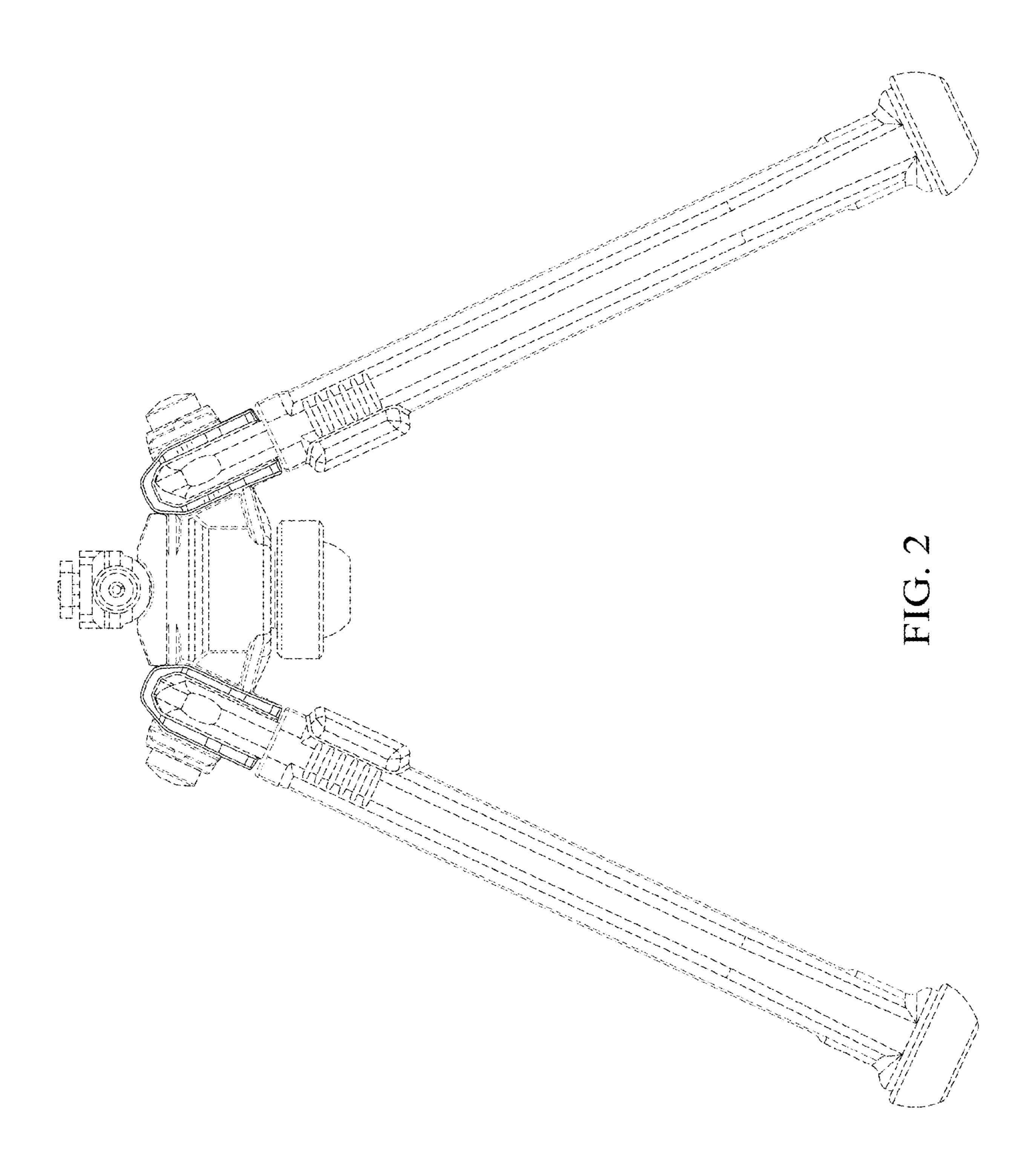
The Mako Group, "Tavor Quick Deployment Bipod", Retrieved from URL: https://www.themakogroup.com/tavor-quick-deployment-bipod-4462.html. Known to exist as early as Sep. 26, 2016, 3 pages. Tiptop Bipod, "Tiptop EZ Pivot & Pan Rifle Bipod 6-9: Sling Stud Mount: Extendable, Folding, With Sling-Attached Hole PN# S7-74667", Retrieved from URL: https://www.amazon.com/Tiptop%C2%AE-Pivot-Rifle-Bipod-Sling-attached-/dp/B00QJ67A1Q, Known to exist as early as Sep. 26, 2016, 8 pages.

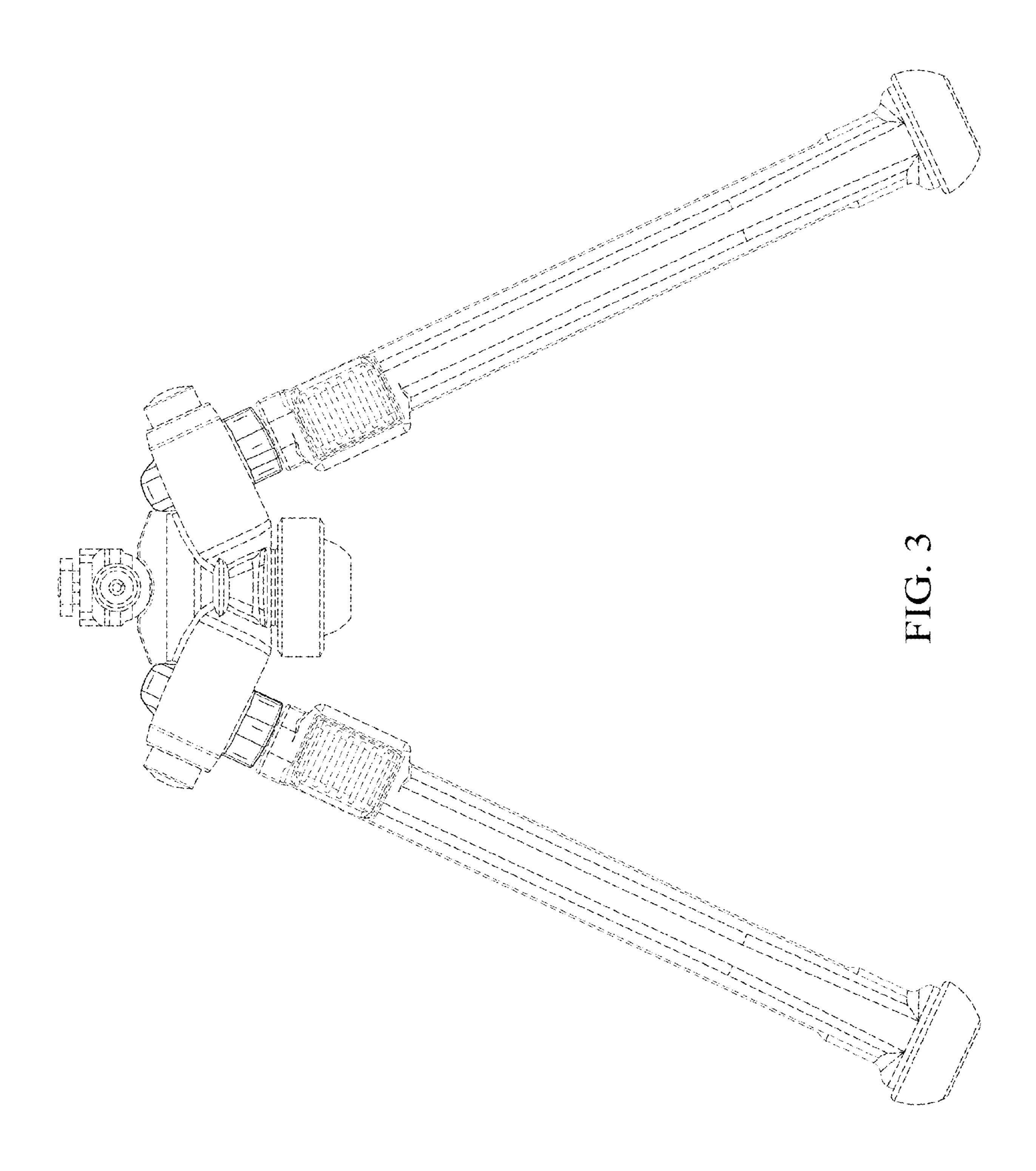
Vanguard, "Equalizer Pro 2", Retrieved from URL: https://www.vanguardworld.us/hunting_us/products/support-systems/equalize-r-pro-2.html#go-sectionTop, Known to exist as early as Sep. 26, 2016, 5 pages.

Versa Pod, "150-051 Versa-Pod Model 51 Bipod 50 Series Gun Rest With Pan Tilt & Lock Controls 7 to 9 and Rubber Feet", Retrieved from https://www.amazon.com/150-051-Versa-Pod-Model-Controls-Rubber/dp/B000FAB- 33I, Known to exist as early as Sep. 26, 2016, 6 pages.

* cited by examiner







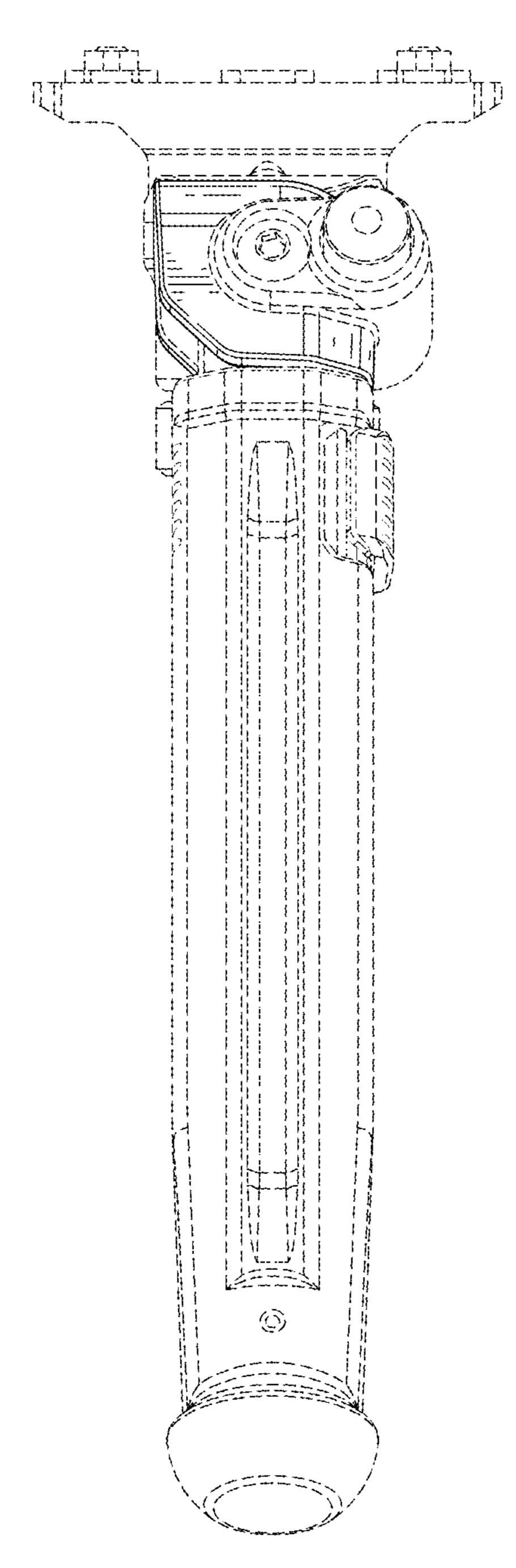


FIG. 4

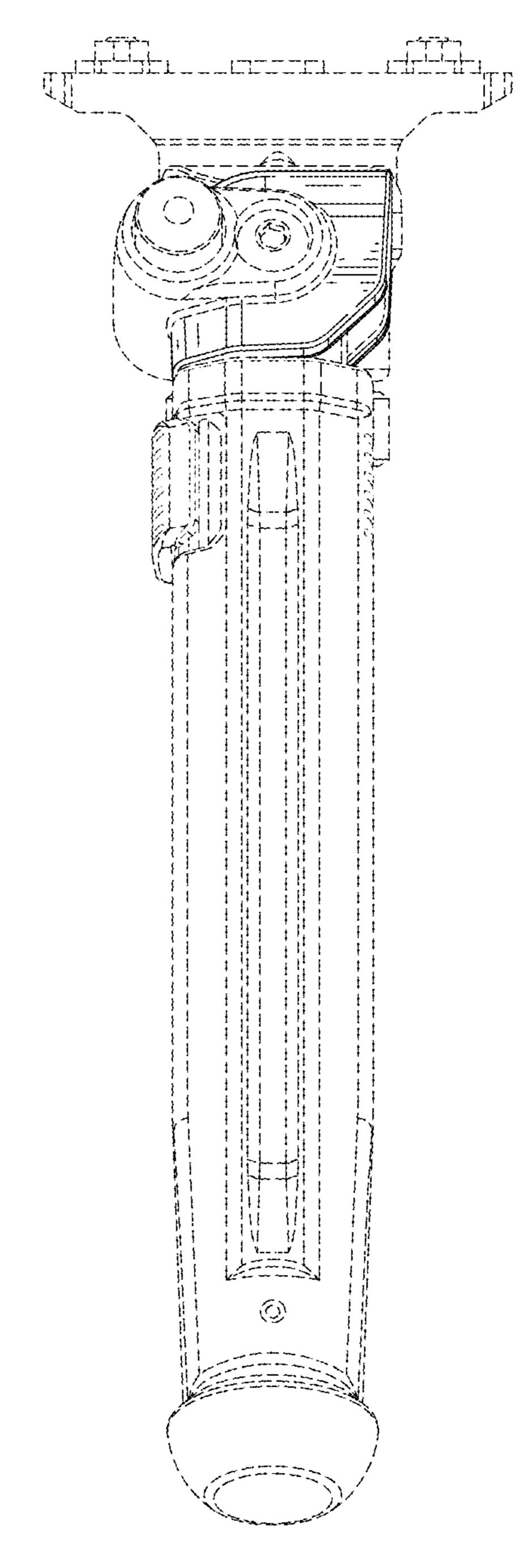


FIG. 5

