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BIPOD (54)

Applicant: Magpul Industries Corp., Austin, TX

(US)

Inventors: Timothy Eric Roberts, Broomfield, CO

(US); Michael T. Mayberry, Denver,

CO (US)

(73) Assignee: Magpul Industries Corp., Austin, TX

(US)

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(58)

D22/108

Field of Classification Search

CPC F41A 23/10 See application file for complete search history.

(56)**References Cited**

U.S. PATENT DOCUMENTS

| 3,327,422 A | 6/1967 | Gerald |
|-------------------------|-----------|-------------------|
| 4,397,112 A | * 8/1983 | York F41A 23/08 |
| | | 42/94 |
| 4,470,216 A | 9/1984 | Harris |
| 4,625,620 A | * 12/1986 | Harris F41A 23/08 |
| | | 42/94 |
| 4,641,451 A | 2/1987 | Harris |
| 4,903,425 A | 2/1990 | Harris |
| D346,636 S ³ | * 5/1994 | Bechtel D22/108 |
| 5,692,654 A | 12/1997 | Bell |
| 5,711,103 A | 1/1998 | ~ |
| 5,852,892 A | 12/1998 | Bilgeri et al. |
| | | |

6,289,622 B1 9/2001 Desch, Jr. et al. 4/2003 Yeargin 6,539,660 B1 6,629,380 B2 10/2003 Yeargin (Continued)

FOREIGN PATENT DOCUMENTS

EP 1769214 A1 4/2007 EP 2880352 A1 6/2015 (Continued)

OTHER PUBLICATIONS

Optics Planet.com, Magpul Bipod, Earliest comment date Sep. 26, 2018, [site visited Jun. 20, 2019], Available on the Internet URL https://www.opticsplanet.com/magpul-industries-magpul-bipod. html (Year: 2018).*

(Continued)

Primary Examiner — Karen S Acker Assistant Examiner — Steven B Reinholdt, Jr.

(74) Attorney, Agent, or Firm — Neugeboren O'Dowd PC

CLAIM (57)

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

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;

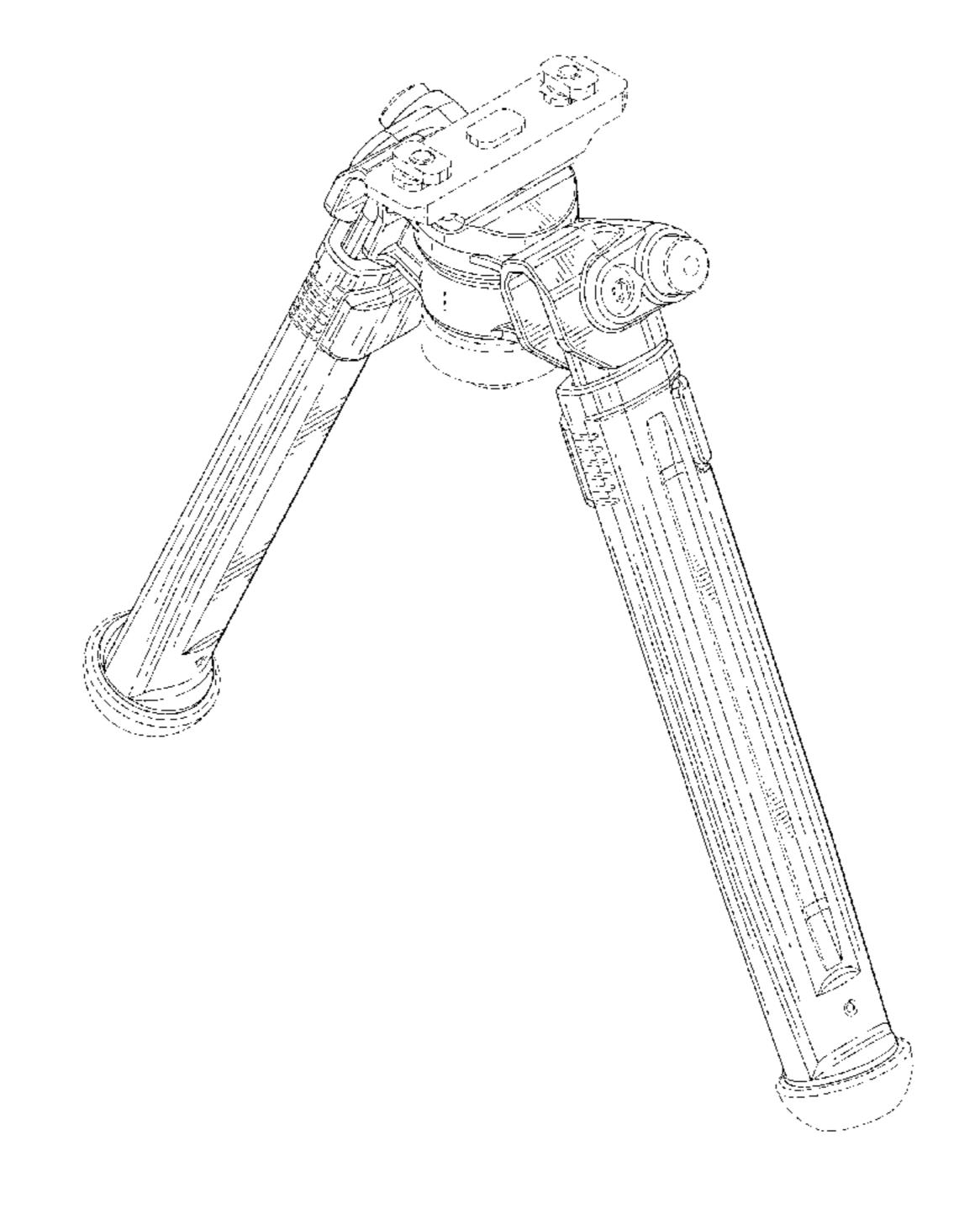
FIG. 6 is a top view of the bipod of FIG. 1; and,

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



| (56) Refe | rences Cited | 2018/0180374 A1* 6/2018 Roberts |
|--|---|---|
| U.S. PATE | ENT DOCUMENTS | 2018/0259287 A1* 9/2018 Palu F41A 23/10 |
| 6,763,627 B1 7/20 | _ | FOREIGN PATENT DOCUMENTS |
| 7,032,494 B2 4/20 | • • | ED 2056505 A1 12/2015 |
| 7,121,034 B2 10/20 7,143,986 B1 12/20 | - | EP 2956705 A1 12/2015 |
| | 007 Benson | WO 2013132291 A1 9/2013 WO 2016161059 A1 10/2016 |
| 7,222,451 B2 5/20 | | 2010101039 A1 10/2010 |
| 7,243,455 B2 7/20 | | |
| 7,421,815 B1 9/20 | 008 Moody et al. | OTHER PUBLICATIONS |
| , , , | 008 Munst | |
| | 008 Bobro | Copenheaver, Blaine R., "International Search Report and Written |
| | 009 Bender | Opinion Re International Appl. PCT/US2017/068136", dated Apr. |
| , , , | 009 Peterson 009 Beltz | 25, 2018, p. 13 Published in: PCT. |
| , , | 009 Keng et al. | Kato, Shinju, "Office Action Regarding Japanese Patent Application |
| • | 010 Cahill et al. | No. 2018-013701", dated Dec. 12, 2018, p. 2 Published in: JP. |
| | 010 Bartak | Seiwa Patent & Law, "Response to Office Action Regarding Japa- |
| 7,779,572 B2 8/20 | 010 Potterfield et al. | nese Patent Application No. 2018-013701", dated Jan. 31, 2019, p. |
| 7,793,454 B1 9/20 | 010 Beltz | 3 Published in: JP. |
| | Old Storch et al. | Tipo, "Notice of Allowance Regarding Taiwanese Design Patent |
| , , | 110 Potterfield et al. | Application No. 107303505", dated Jan. 7, 2019, p. 5 Published in: |
| , , , , , , , , , , , , , , , , , , , | 010 Mertz | TW. |
| , , | 011 Potterfield et al. 012 Keng et al. | Versa Pod, "150-051 Versa-Pod Model 51 Bipod 50 Series Gun Rest |
| | 012 Reng et al. 012 Boord | With Pan Tilt & Lock Controls 7 to 9 and Rubber Feet.", Retrieved |
| , , | 112 Boord 112 Potterfield et al. | from https://www.amazon.com/150-051-Versa-Pod-Model-Controls- |
| | 112 Hass et al. | Rubber/dp/B000FAB33I, Known to exist as early as Sep. 26, 2016, |
| 8,316,570 B2 11/20 | 112 Potterfield et al. | p. 6. |
| 8,341,864 B2 1/20 | 013 Moody et al. | ACCU-TAC, "SR-5", Retrieved from http://www.accu-tac.com/ |
| | Moody et al. | product/sr-5-bipod/, Known to exist as early as Sep. 26, 2016, p. 3. |
| , , , | 013 Gaddini et al. | B&T Industries, LLC, "Atlas Bipods", Retrieved from http://www. |
| , , | 013 Peterson et al. 013 Beltz F41A 23/10 | accu-shot.com/Atlas_Bipods.php, Known to exist as early as Sep. |
| 6,402,064 D1 3/20 | 42/72 | 26, 2016, p. 1. |
| 8,418,394 B2 4/20 | 013 Keng | Bobro Engineering, "Bi-Pod Type 3- Blac", Retrieved from http:// |
| , , | 013 Poling | www.bobroengineering.com/view/product/1/, Known to exist as |
| | 013 Hinds, Jr. | early as Sep. 26, 2016, p. 2. |
| 8,458,946 B1 6/20 | 013 Pintsch | Leapers, Inc., "Bipods and Shooting Stands", Retrieved from http:// |
| | O13 Potterfield et al. | www.leapers.com/index.php?mitem=bipod&mtrack=m, Known to |
| | 013 Keng et al. | exist as early as Sep. 26, 2016, p. 1. |
| | 013 Chvala | Brownells, Inc., "GPS, LLC.—Military Model Grip Pod Picatinny |
| , , | 013 Storch et al. 013 Moody et al. | Mount", Retrieved from https://www.brownells.com/shooting- |
| | 113 Nicotty Ct al. 114 Poling | accessories/bipods-monopods-amp-accessories/bipod-accessories/ |
| , , | 014 Moody et al. | grip-pod-gps-02-military-model-prod244, Known to exist as early |
| 8,894,024 B2 11/20 | 014 Deros | as Sep. 26, 2016, p. 2. |
| | 014 Beltz | Battenfeld Technologies, Inc., "Caldwell Shooting Bipod", Retrieved |
| , , | 015 Hinds | from https://www.btibrands.com/product/shooting-bipod/, Known |
| , , , , , , , , , , , , , , , , , , , | 016 Beltz F41A 23/10 | to exist as early as Sep. 26, 2016, p. 2. |
| , , | 016 Bonelli et al. 016 Faifer et al. | Vanguard, "Equalizer Pro 2", Retrieved from https://www. |
| , , | 016 Ding D22/108 | vanguardworld.us/hunting_us/products/support-systems/equalizer- |
| | 016 Ding | pro-2.html#go-sectionTop, Known to exist as early as Sep. 26, 2016, p. 5. |
| , | 016 Kincel | Fab Defense, "H-Pod", Retrieved from https://www.fab-defense. |
| | 016 Ballard | com/en/category-bipods/id-774/harris-bipod-tilting-rotating-picatinny- |
| | 016 Poling | adaptorhtml, Known to exist as early as Sep. 26, 2016, p. 1. |
| | 016 McGinty | Harris Bipods, "Harris Bipods and Adapters", Retrieved from |
| , | 017 Gaddini | http://www.harrisbipods.com/, Known to exist as early as Sep. 26, |
| 2003/0042388 A1* 3/20 | 003 Peterson F16M 11/26 | 2016, p. 8. |
| 2008/0295379 A1 12/20 | 248/440.1 008 Potterfield et al. | hkparts.net, "HK German Rifle All Steel Bipod—For Use With the |
| | 009 Potterfield et al. | HK Wide Forearm", Retrieved from http://www.hkparts.net/shop/ |
| | 1011 Potterfield et al. | pc/HK-German-All-Steel-Bipod-G3-91-93-33-p215.htm, Known to |
| | 013 Chvala F41A 23/10 | exist as early as Sep. 26, 2016, p. 2. |
| | 42/94 | boltcarrier.com, "Knight's Armament (KAC) KAC Bi Pod Assem- |
| 2014/0130393 A1 5/20 | 014 Antell | bly", Retrieved from https://www.boltcarrier.com/product/kac-bi- |
| | 014 Ballard | pod/, Known to exist as early as Sep. 26, 2016, p. 1. |
| | 015 Poling | Military Advantage, "M249 Squad Automatic Weapon", Retrieved |
| | 015 Genchel F41A 23/10 | from https://www.military.com/equipment/m249-squad-automatic- |
| | 42/94 | weapon, Known to exist as early as Sep. 26, 2016, p. 2. |
| 2016/0116245 A1 4/20 | 016 Ravnaas | Sarco, Inc., "M60 US GI Bipod", Retrieved from http://www.e- |
| 2016/0209172 A1 7/20 | 016 Trotabas | sarcoinc.com/m60bipod.aspx, Known to exist as early as Sep. 26, |
| | 016 Bartak F41A 23/10 | 2016, p. 2. |
| | 016 Hayes | Mystic Precision, "Mpod", Retrieved from http://mysticprecision. |
| 2018/0058794 A1* 3/20 | 018 Scalf F41A 23/10 | com/mpod/, Known to exist as early as Sep. 26, 2016, p. 3. |

(56) References Cited

OTHER PUBLICATIONS

CAA, "NBPS Bottom Rail Mounting Short Bipod Picatinny", "Retrieved from https://usa.caagearup.com/nbps-bottom-rail-mounting-short-bipod-picatinny", Known to exist as early as Sep. 26, 2016, p. 4.

Fidelis Firearms, "Parker-Hale Bipods", Retrieved from http://fidelisfirearms.com/bipods/, Known to exist as early as Sep. 26, 2016, p. 1.

KFS Industries, Inc., "S7 Bipods", Retrieved from http://s7bipod.com/, Known to exist as early as Sep. 26, 2016, p. 2.

Midwest Gun Works, Inc., "Sako TRG 22/42 Bipod", Retrieved from https://www.midwestgunworks.com/page/mgwi/prod/S5740495?, Known to exist as early as Sep. 26, 2016, p. 2. Blackhawk!, "Sportster Traversetrack Bipod", Retrieved from https://blackhawk.com/products/long.gup.accessories/long.gup.accessories/

blackhawk.com/products/long-gun-accessories/long-gun-accessories/bipods/sportster-traversetrack-bipod, Known to exist as early as Sep. 26, 2016, p. 7.

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, p. 4.

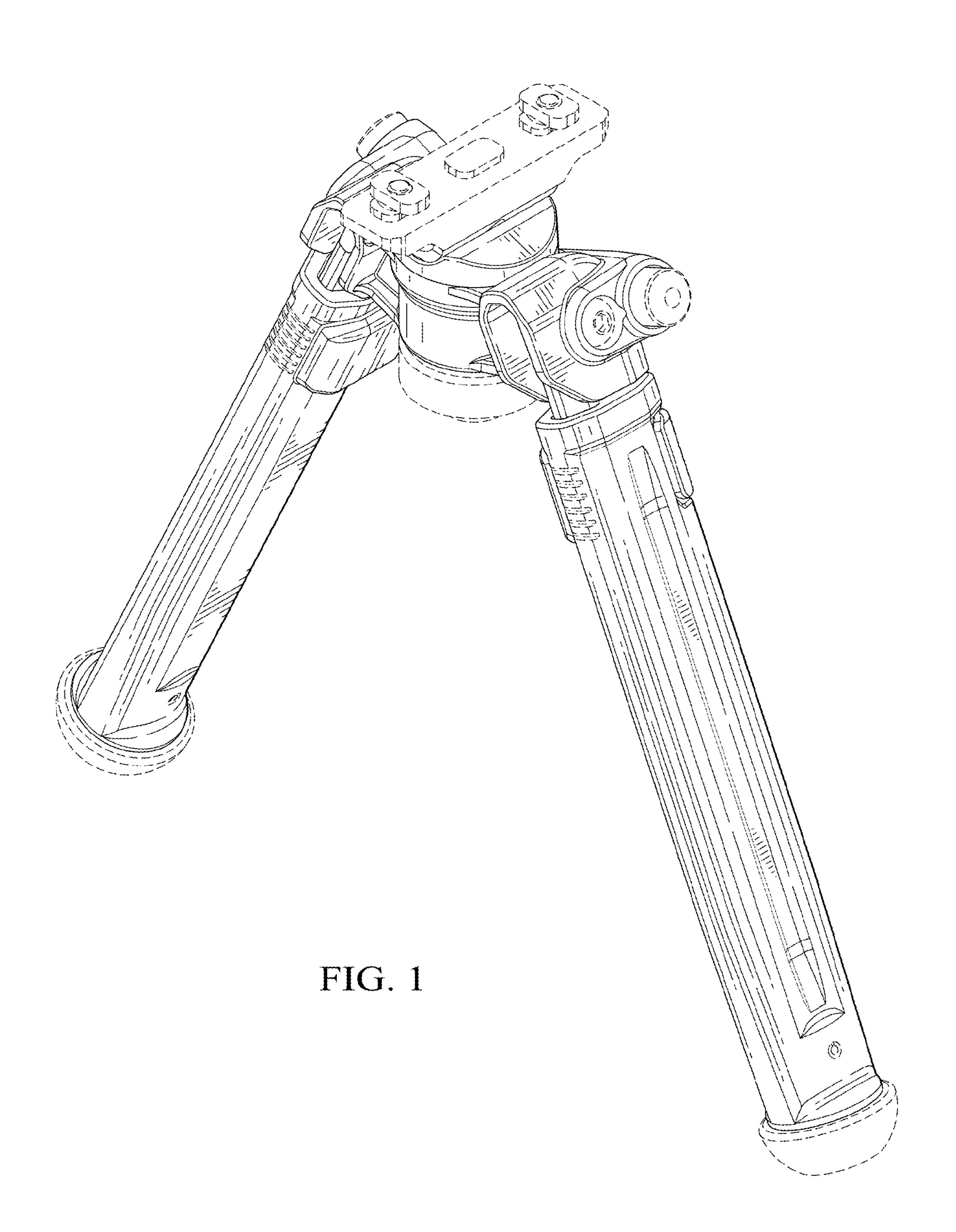
The Mako Group, "Tactical Vertical Foregrip With Integrated Adjustable Bipod—Gen 2—T-PODG2QR", Retrieved from https://www.themakogroup.com/foregrips/tactical-vertical-foregrip-with-integrated-adjustable-bipod-gen-2-t-podg2qr.html, Known to exist as early as Sep. 26, 2016, p. 4.

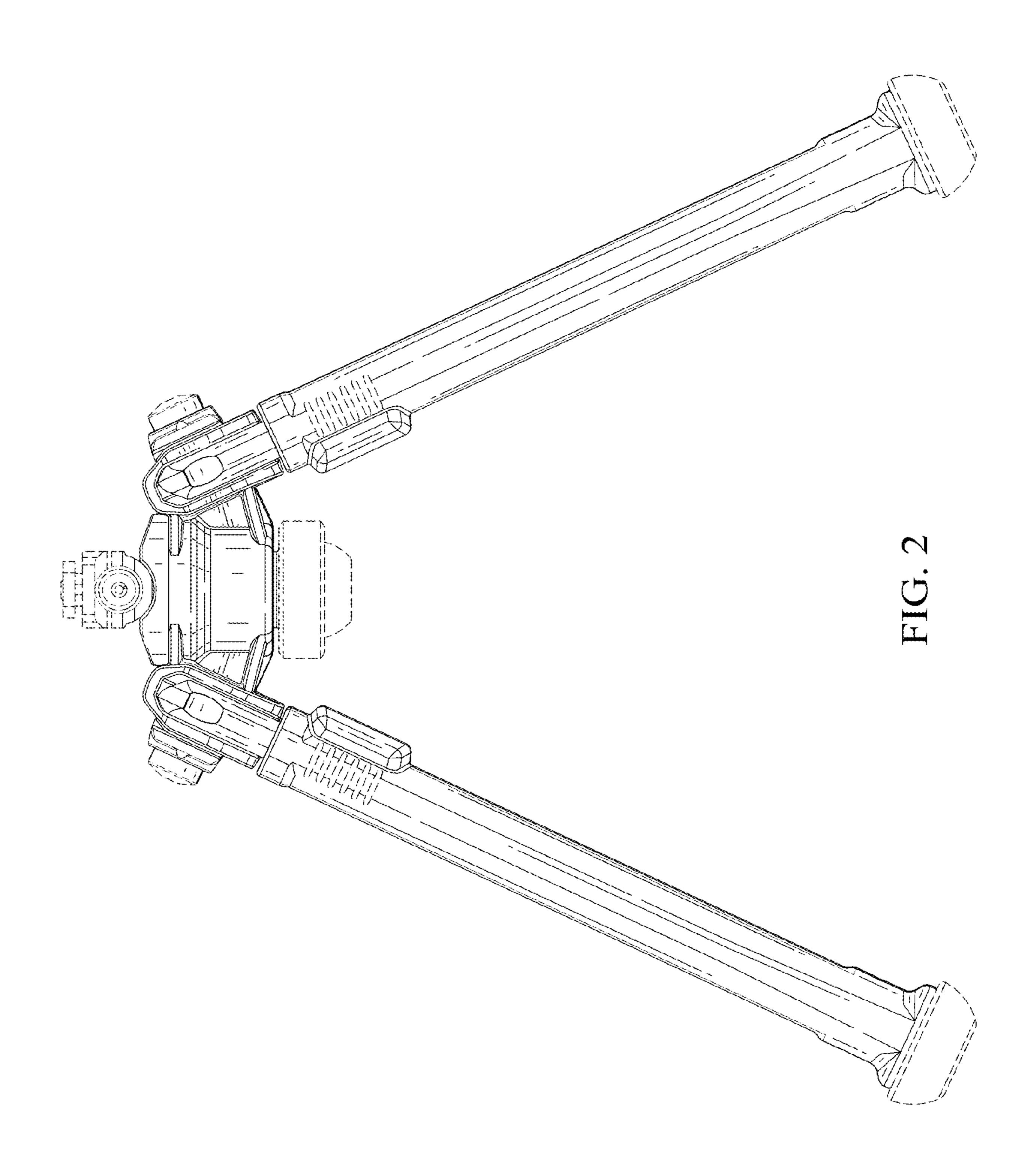
The Mako Group, "Tavor Quick Deployment Bipod", Retrieved from https://www.themakogroup.com/tavor-quick-deployment-bipod-4462.html, Known to exist as early as Sep. 26, 2016, p. 3.

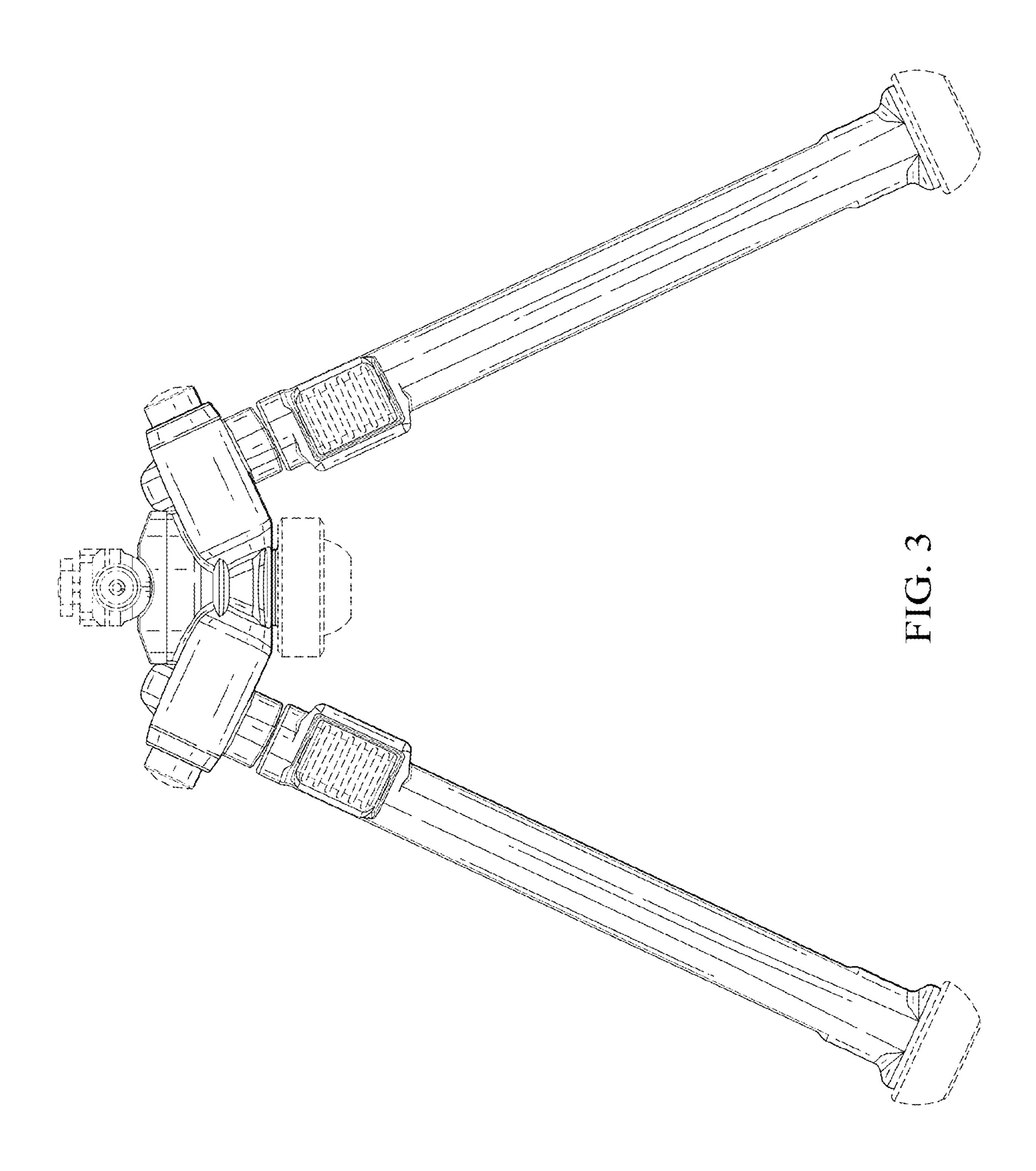
Tiptop Bipod, "Tiptop EZ Pivot & Pan Rifle Bipod 6-9: Sling Stud Mount: Extendable, Folding, With Sling-Attached Hole PN# S7-74667", Retrieved from https://www.amazon.com/Tiptop%C2%AE-Pivot-Rifle-Bipod-Sling-attached/dp/B00QJ67A1Q, Known to exist as early as Sep. 26, 2016, p. 8.

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

^{*} cited by examiner







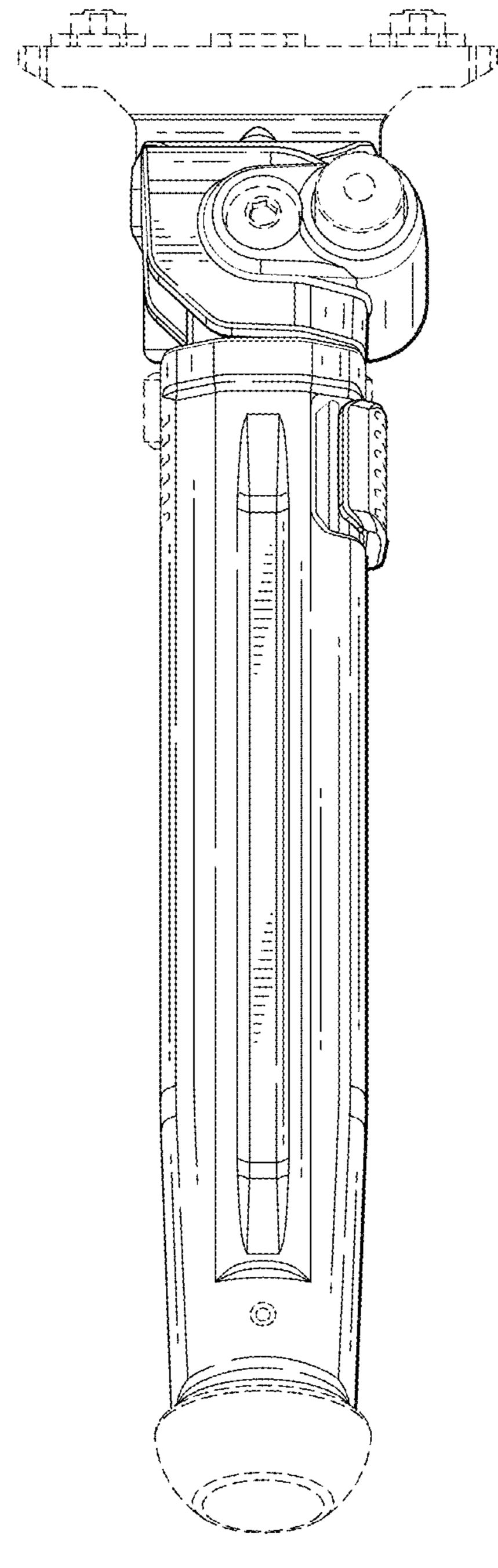


FIG. 4

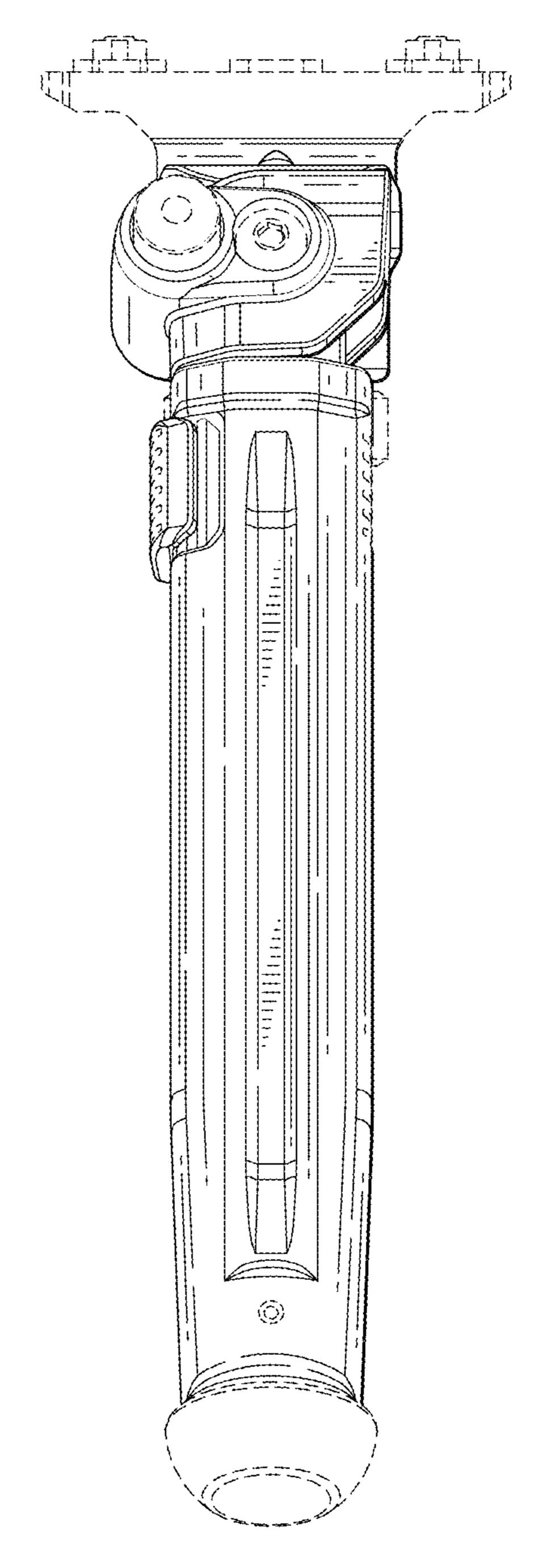


FIG. 5

