



US00D878836S

(12) **United States Design Patent** (10) **Patent No.:** **US D878,836 S**  
**Kaiser et al.** (45) **Date of Patent:** **\*\* Mar. 24, 2020**

(54) **TABLE EXTENDER**  
(71) Applicant: **Stryker Corp.**, Kalamazoo, MI (US)  
(72) Inventors: **William Kaiser**, Campbell, CA (US);  
**Conrad Smith**, Hollister, CA (US)  
(73) Assignee: **Stryker Corp.**, Kalamazoo, MI (US)  
(\*\*) Term: **15 Years**

5,306,231 A 4/1994 Cullum et al.  
5,560,577 A 10/1996 Keselman  
5,582,379 A 12/1996 Keselman et al.  
5,608,934 A 3/1997 Torrie et al.  
D385,040 S 10/1997 Keselman  
(Continued)

(21) Appl. No.: **29/614,238**

FOREIGN PATENT DOCUMENTS

DE 10 2005 023 477 11/2006  
DE 20 2009 003 314 7/2009

(22) Filed: **Aug. 17, 2017**

OTHER PUBLICATIONS

(51) **LOC (12) Cl.** ..... **06-06**  
(52) **U.S. Cl.**  
USPC ..... **D6/704**

Hip Distraction System: Advanced solutions for supine hip arthroscopy procedures, Arthrex, 2013, pp. 1-6.

(58) **Field of Classification Search**  
USPC ..... D6/406.3, 641, 642, 649, 650, 652, 654,  
D6/654.1, 654.17, 655, 655.1, 655.11,  
D6/655.13, 655.14, 655.18, 656, 656.12,  
D6/656.13, 656.15, 656.16, 656.17,  
D6/656.19, 675, 686, 687, 688, 691,  
D6/691.1, 694.2, 695, 695.1, 698, 702,  
D6/703, 704, 707.19, 708.21; D24/227  
CPC .. A47B 3/00; A47B 3/08; A47B 3/083; A47B  
3/087; A47B 21/00; A47B 21/02; A47B  
21/03; A47B 21/06; A47B 21/0073; A47B  
21/0076; A47B 21/0314; A61G 13/02;  
A61G 13/10; A61G 13/12; A61B 50/10;  
A61B 6/0442

(Continued)

*Primary Examiner* — Mary Ann Calabrese  
*Assistant Examiner* — Catherine Ho  
(74) *Attorney, Agent, or Firm* — Pandiscio & Pandiscio

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a table extender, as shown and described.

(56) **References Cited**

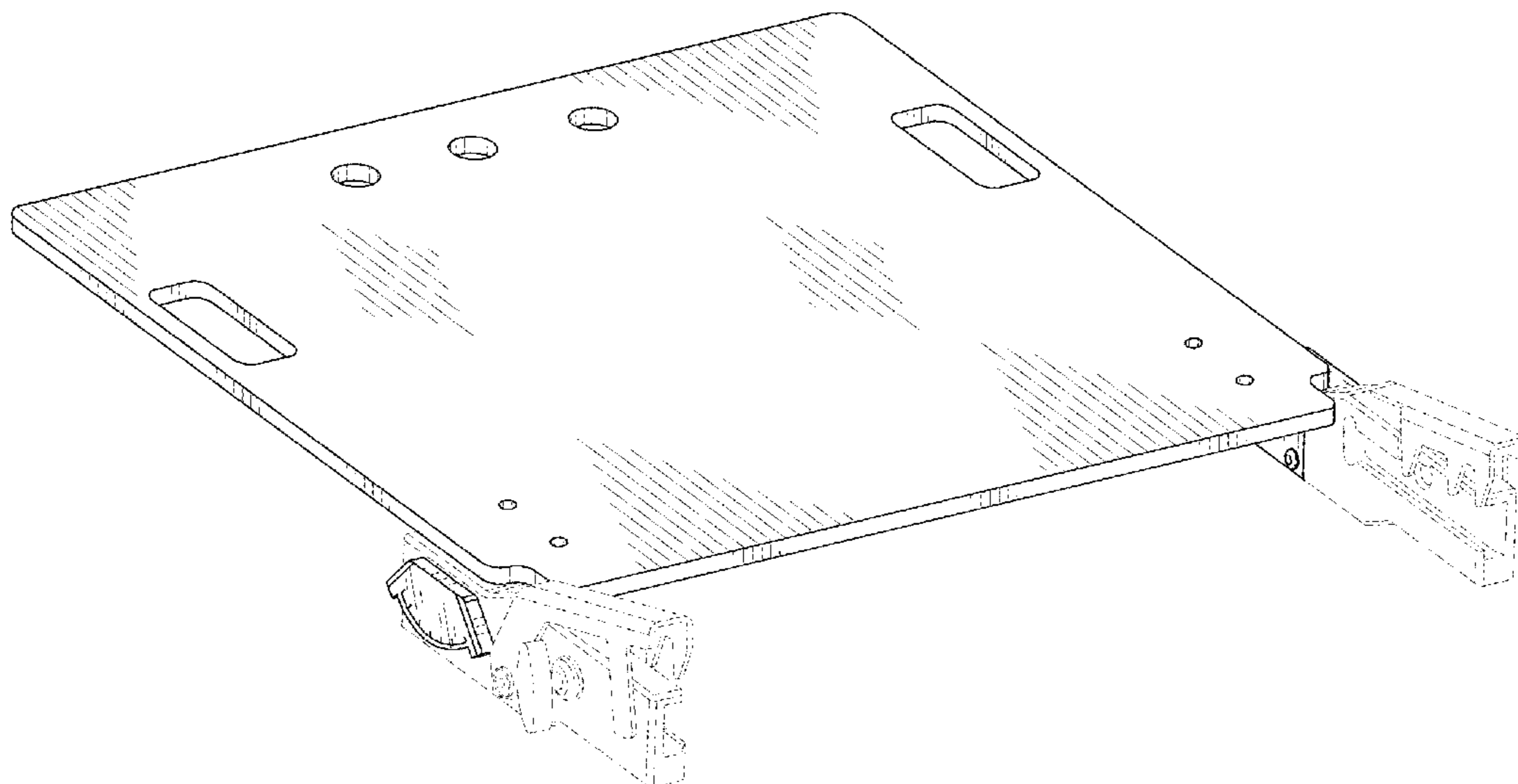
U.S. PATENT DOCUMENTS

D130,079 S \* 10/1941 Weller ..... D6/686  
D171,677 S \* 3/1954 Alder ..... 211/40  
D221,035 S \* 6/1971 Raines ..... 206/558  
D264,531 S \* 5/1982 Trode ..... D6/686  
4,708,510 A 11/1987 McConnell et al.  
5,162,039 A 11/1992 Dahners  
5,287,575 A 2/1994 Allen et al.

**DESCRIPTION**

FIG. 1 is a top rear perspective view of a table extender, showing our new design;  
FIG. 2 is a bottom front perspective view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a bottom view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a front elevation view thereof; and,  
FIG. 8 is a rear elevation view thereof.  
The broken lines are included for the purpose of illustrating unclaimed portions of the table extender and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D387,581 S *	12/1997	Parker .....	D6/682	8,894,716 B2	11/2014	McMahon et al.
5,702,389 A	12/1997	Taylor et al.		8,938,826 B2	1/2015	Jackson
D389,580 S	1/1998	Keselman et al.		8,944,065 B2	2/2015	Siusarz, Jr.
5,728,095 A	3/1998	Taylor et al.		8,945,026 B2	2/2015	Moser et al.
5,918,330 A	7/1999	Navarro et al.		8,978,180 B2	3/2015	Jackson
5,971,984 A	10/1999	Taylor et al.		8,986,228 B2	3/2015	Auchinleck et al.
6,109,625 A	8/2000	Hewitt		8,997,284 B2	4/2015	Kreuzer et al.
6,162,223 A	12/2000	Orsak et al.		8,997,286 B2	4/2015	Wyslucha et al.
6,286,164 B1	9/2001	Lamb et al.		8,997,749 B2	4/2015	Drake et al.
6,678,908 B2	1/2004	Borders et al.		9,056,012 B2	6/2015	Crabtree, Jr. et al.
D546,599 S *	7/2007	Goldberg .....	D6/702	9,072,646 B2	7/2015	Skripps et al.
7,237,556 B2	7/2007	Smothers et al.		9,085,915 B1	7/2015	Emmett
7,337,483 B2	3/2008	Boucher et al.		9,101,393 B2	8/2015	Jordan et al.
7,343,635 B2	3/2008	Jackson		9,107,792 B2	8/2015	Catacchio et al.
7,477,926 B2	1/2009	McCombs		9,119,610 B2	9/2015	Malta et al.
7,520,007 B2	4/2009	Skripps		9,161,875 B2	10/2015	Clark et al.
7,520,008 B2	4/2009	Wong et al.		9,161,876 B2	10/2015	Pigazzi et al.
7,565,708 B2	7/2009	Jackson		9,173,649 B2	11/2015	Clark et al.
7,572,292 B2	8/2009	Crabtree et al.		9,180,062 B2	11/2015	Jackson
7,600,281 B2	10/2009	Skripps		9,186,291 B2	11/2015	Jackson et al.
7,669,262 B2	3/2010	Skripps et al.		9,198,817 B2	12/2015	Jackson
7,677,249 B2	3/2010	Kong et al.		9,205,013 B2	12/2015	Jackson
7,739,762 B2	6/2010	Lamb et al.		9,211,223 B2	12/2015	Jackson
RE41,412 E	7/2010	Van Steenburg		9,226,865 B2	1/2016	Jackson
7,762,975 B2	7/2010	Memminger		9,233,043 B2	1/2016	Labeledz et al.
7,832,401 B2	11/2010	Torrie et al.		9,265,679 B2	2/2016	Jackson
7,862,570 B2	1/2011	Russell et al.		9,289,342 B2	3/2016	Jackson
7,882,583 B2	2/2011	Skripps		9,295,433 B2	3/2016	Jackson et al.
7,947,006 B2	5/2011	Torrie et al.		9,295,556 B2	3/2016	Perez, III et al.
7,949,006 B2	5/2011	Jagadesan et al.		9,301,897 B2	4/2016	Jackson
8,011,045 B2	9/2011	Skripps		9,364,380 B2	6/2016	Jackson
8,037,884 B2	10/2011	Weinstein et al.		9,456,945 B2	10/2016	Jackson
8,055,487 B2	11/2011	James		9,468,576 B2	10/2016	Jackson
8,060,960 B2	11/2011	Jackson		9,510,987 B2	12/2016	Jackson et al.
8,109,942 B2	2/2012	Carson		9,549,865 B2	1/2017	Hiebert
8,152,816 B2	4/2012	Tuma et al.		9,610,206 B2	4/2017	Jackson
D665,912 S	8/2012	Skripps		9,672,662 B2	6/2017	Scanlan et al.
8,234,730 B2	8/2012	Skripps		9,750,656 B1	9/2017	Pigazzi et al.
8,234,731 B2	8/2012	Skripps		9,782,287 B2	10/2017	Pigazzi et al.
8,256,050 B2	9/2012	Wong et al.		9,931,262 B2	4/2018	Pigazzi et al.
8,281,434 B2	10/2012	Skripps		9,936,941 B2	4/2018	Weisel et al.
8,322,342 B2	12/2012	Soto et al.		9,949,883 B1	4/2018	Pigazzi et al.
8,388,553 B2	3/2013	James et al.		10,034,806 B1 *	7/2018	Greenhalgh, Sr. .... A61G 7/05
8,397,323 B2	3/2013	Skripps et al.		D832,334 S *	10/2018	Kushner ..... D17/20
8,413,660 B2	4/2013	Weinstein et al.		10,159,520 B2	12/2018	Krickeberg et al.
8,464,720 B1	6/2013	Pigazzi et al.		2002/0023298 A1	2/2002	Lamb et al.
8,469,911 B2	6/2013	Hiebert		2004/0003468 A1	1/2004	Mitsubishi et al.
8,486,070 B2	7/2013	Morgan et al.		2004/0092854 A1	5/2004	D'Amico
8,491,597 B2	7/2013	Russell et al.		2004/0133979 A1	7/2004	Newkirk et al.
8,491,664 B2	7/2013	McMahon et al.		2004/0133983 A1	7/2004	Newkirk et al.
8,511,314 B2	8/2013	Pigazzi et al.		2005/0160533 A1	7/2005	Boucher et al.
8,545,570 B2	10/2013	Crabtree et al.		2006/0074366 A1	4/2006	Ryan et al.
8,555,439 B2	10/2013	Soto et al.		2006/0100562 A1	5/2006	Pamplin
8,570,187 B2	10/2013	Janna et al.		2006/0130713 A1	6/2006	Jones et al.
8,611,697 B2	12/2013	Nathaniel et al.		2006/0185090 A1	8/2006	Jackson
8,679,187 B2	3/2014	Allen et al.		2006/0271056 A1	11/2006	Terrill-Grisoni et al.
8,690,806 B2	4/2014	Hiebert		2007/0277350 A1	12/2007	Hines
8,690,807 B2	4/2014	Hiebert		2008/0216231 A1	9/2008	Lam Barth et al.
8,702,712 B2	4/2014	Jordan et al.		2011/0023893 A1	2/2011	Striggow et al.
8,707,484 B2	4/2014	Jackson et al.		2011/0119829 A1	5/2011	Skripps et al.
8,707,486 B2	4/2014	Chella et al.		2011/0190676 A1	8/2011	Torrie et al.
8,719,979 B2	5/2014	Jackson		2012/0059376 A1	3/2012	Rains et al.
8,721,643 B2	5/2014	Morgan et al.		2012/0073476 A1 *	3/2012	Lai ..... A47B 13/00
8,795,312 B2	8/2014	Fan et al.				108/2
8,806,679 B2	8/2014	Soto et al.		2012/0204885 A1	8/2012	Koch
8,826,474 B2	9/2014	Jackson		2012/0233782 A1	9/2012	Kreuzer et al.
8,826,475 B2	9/2014	Jackson		2012/0240938 A1	9/2012	Pamichev
8,828,009 B2	9/2014	Allen et al.		2012/0255122 A1	10/2012	Diel et al.
8,833,707 B2	9/2014	Steinberg et al.		2012/0259261 A1	10/2012	Clark et al.
8,839,471 B2	9/2014	Jackson		2012/0259343 A1	10/2012	Clark et al.
8,844,077 B2	9/2014	Jackson et al.		2013/0081635 A1	4/2013	Drake et al.
8,845,568 B2	9/2014	Clark et al.		2013/0111666 A1	5/2013	Jackson
8,856,986 B2	10/2014	Jackson		2013/0133137 A1	5/2013	Jackson et al.
8,890,511 B2	11/2014	Belew		2013/0174853 A1	7/2013	Pigazzi et al.
8,893,333 B2	11/2014	Soto et al.		2013/0191994 A1	8/2013	Bellows et al.
				2013/0199541 A1	8/2013	Sluss et al.
				2013/0269710 A1	10/2013	Hight et al.
				2013/0312187 A1	11/2013	Jackson
				2013/0312188 A1	11/2013	Jackson

(56)

References Cited

U.S. PATENT DOCUMENTS

2013/0338792 A1 12/2013 Schmieding et al.  
 2013/0345605 A1 12/2013 Steele  
 2014/0020181 A1 1/2014 Jackson  
 2014/0033434 A1 2/2014 Jackson  
 2014/0068863 A1 3/2014 Clark et al.  
 2014/0068866 A1 3/2014 Catacchio et al.  
 2014/0082842 A1 3/2014 Jackson  
 2014/0173827 A1 6/2014 Hiebert  
 2014/0174451 A1 6/2014 Hiebert  
 2014/0196212 A1 7/2014 Jackson  
 2014/0201913 A1 7/2014 Jackson  
 2014/0201914 A1 7/2014 Jackson  
 2014/0208512 A1 7/2014 Jackson  
 2014/0208513 A1 7/2014 Hiebert  
 2014/0215718 A1 8/2014 Wootton  
 2014/0222407 A1 8/2014 Jordan et al.  
 2014/0309646 A1 10/2014 Fan et al.  
 2014/0317847 A1 10/2014 Jackson  
 2014/0324056 A1 10/2014 Nikolchev et al.  
 2015/0008201 A1 1/2015 Qiang et al.  
 2015/0059094 A1 3/2015 Jackson  
 2015/0067985 A1\* 3/2015 Gaenzle ..... E05D 3/022  
 16/319  
 2015/0122268 A1 5/2015 Slusarz, Jr.  
 2015/0150743 A1 6/2015 Jackson  
 2015/0164724 A1 6/2015 Drake et al.  
 2015/0196447 A1 7/2015 Henderson et al.  
 2015/0202106 A1 7/2015 Hight et al.  
 2015/0231013 A1 8/2015 Bernardoni et al.  
 2015/0238273 A1 8/2015 Jordan et al.  
 2015/0238380 A1 8/2015 Kreuzer et al.  
 2015/0245915 A1 9/2015 Crabtree, Jr. et al.  
 2015/0245969 A1 9/2015 Hight et al.  
 2015/0245971 A1 9/2015 Bernardoni et al.  
 2015/0272681 A1 10/2015 Skripps et al.  
 2015/0297435 A1 10/2015 Visco  
 2015/0342813 A1 12/2015 Catacchio et al.  
 2015/0366622 A1 12/2015 Wyslucha et al.  
 2016/0008201 A1 1/2016 Jackson et al.  
 2016/0038364 A1 2/2016 Jackson  
 2016/0051432 A1 2/2016 Clark et al.  
 2016/0067135 A1 3/2016 Pigazzi et al.  
 2016/0095784 A1 4/2016 Catacchio et al.  
 2016/0095785 A1 4/2016 Catacchio et al.  
 2016/0106612 A1 4/2016 Clark et al.

2016/0120720 A1 5/2016 Hirsch  
 2016/0120726 A1 5/2016 Moriarty et al.  
 2016/0184154 A1 6/2016 Lafleche et al.  
 2016/0228281 A1 8/2016 Marshall et al.  
 2016/0317237 A1\* 11/2016 Geiger ..... A61B 50/33  
 2016/0338691 A1 11/2016 Weber et al.

FOREIGN PATENT DOCUMENTS

DE 20 2012 101 347 8/2012  
 DE 10 2011 016 456 2/2016  
 EP 2 574 325 4/2013  
 EP 2 623 082 8/2013  
 EP 2 873 405 5/2015  
 EP 2 982 880 2/2016  
 EP 2 802 305 B1 10/2017  
 WO WO 2003/061544 7/2003  
 WO WO 2006/091239 8/2006  
 WO WO 2007/021806 2/2007  
 WO WO 2007/080454 7/2007  
 WO WO 2008/150731 12/2008  
 WO WO 2009/062324 5/2009  
 WO WO 2013/034916 3/2013  
 WO WO 2014/043538 3/2014  
 WO WO 2014/045194 3/2014  
 WO WO 2014/045199 3/2014  
 WO WO 2014/153329 9/2014  
 WO WO 2014/205218 12/2014  
 WO WO 2016/197142 12/2016

OTHER PUBLICATIONS

Opfell, A., Hip Arthroscopy & Fracture Kit: Maximize patient safety during arthroscopic hip procedures, Xodus Medical, Jul. 12, 2018.  
 The Pink Hip Kit SN: Postless Positioning System—HIP40614SN, Xodus Medical, 2019, <https://www.xodusmedical.com/Product/HIP40614SN>.  
 Terry, M.A., Arthroscopic Hip Patient Positioning Using the Advanced Supine Hip Positioning System: Hip Technique Guide, smith & nephew, 2013, pp. 1-8.  
 Pink Pad—Advanced Trendelenburg Positioning System, Xodus Medical Inc., 2018, <https://www.xodusmedical.com/pinkpad>.  
 The Pink Pad XL®: Advanced Trendelenburg Positioning System, Xodus Medical, 2018.

\* cited by examiner

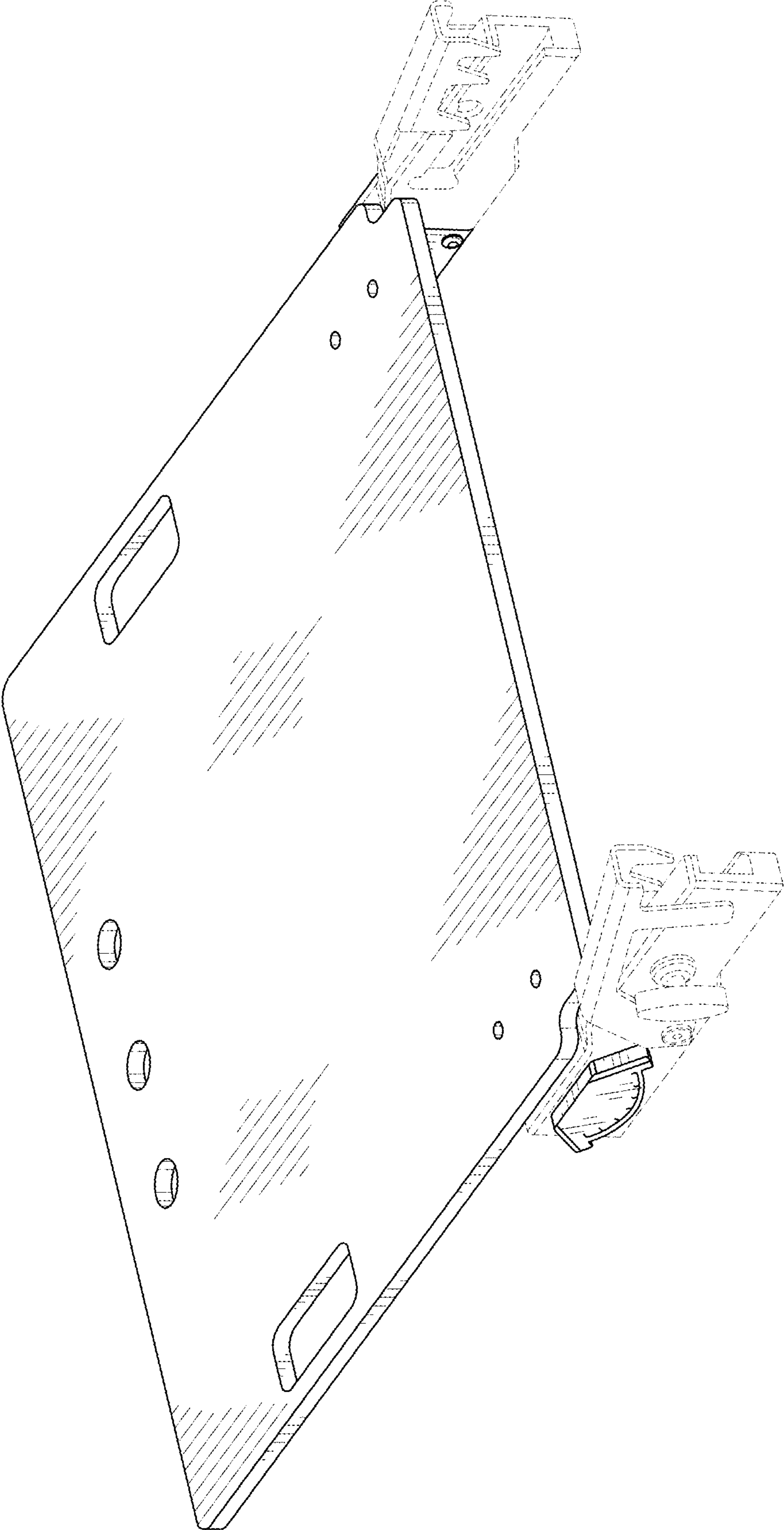


FIG. 1

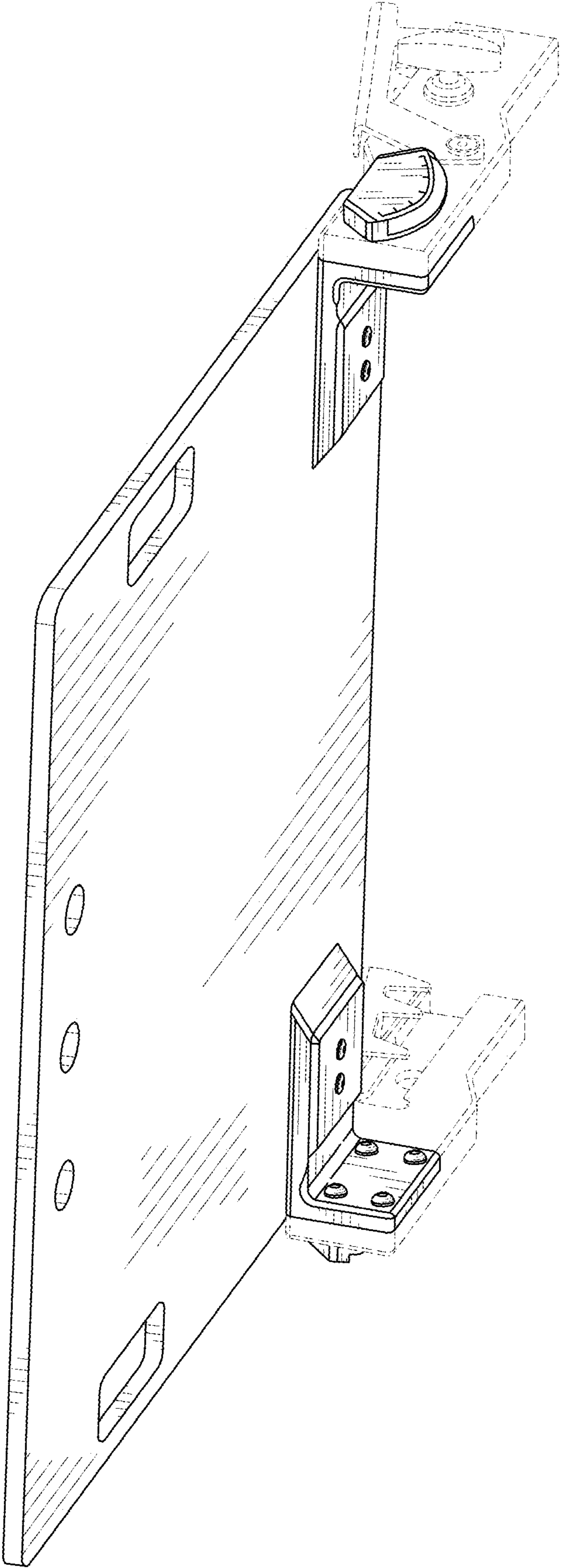


FIG. 2

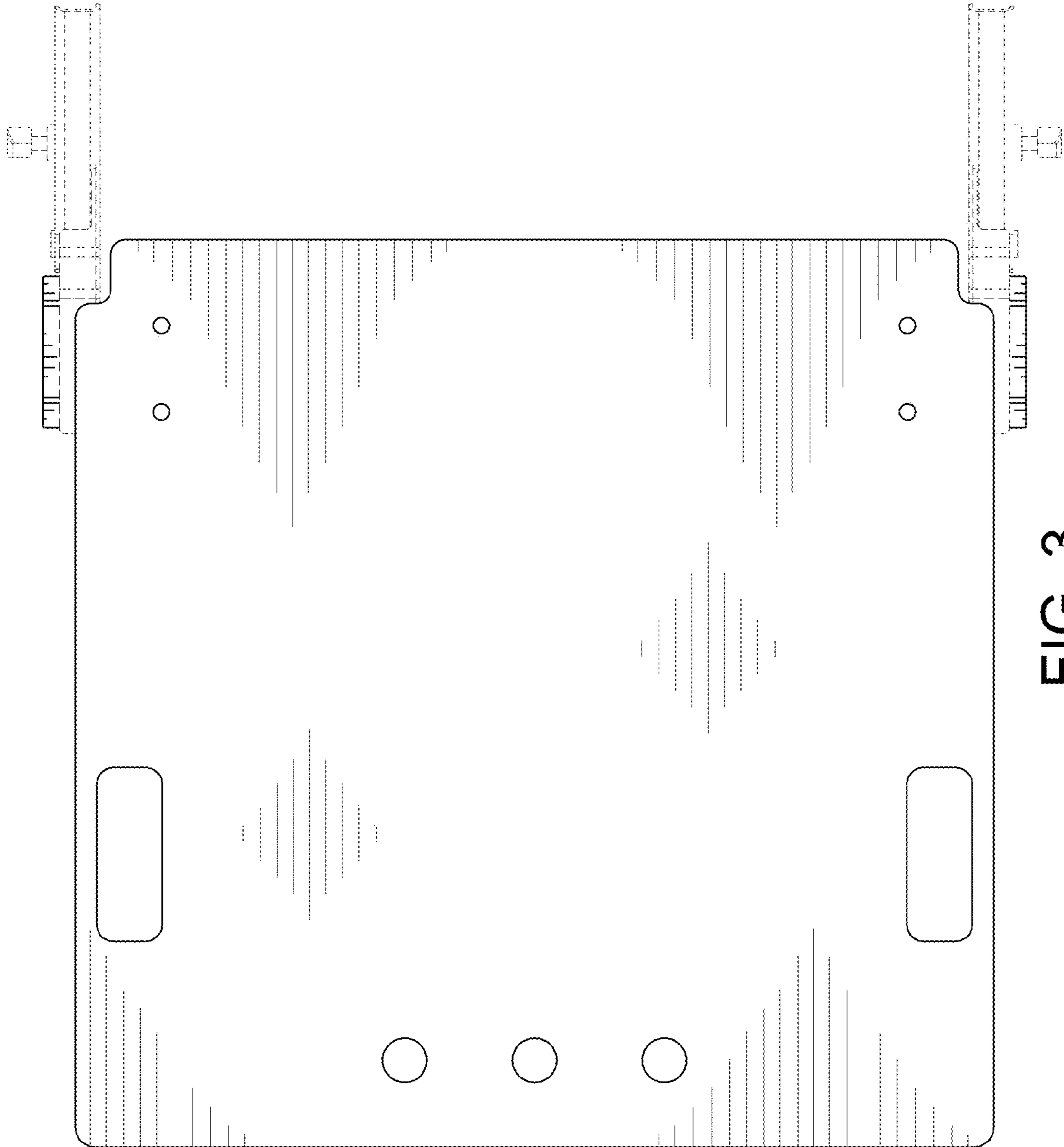


FIG. 3

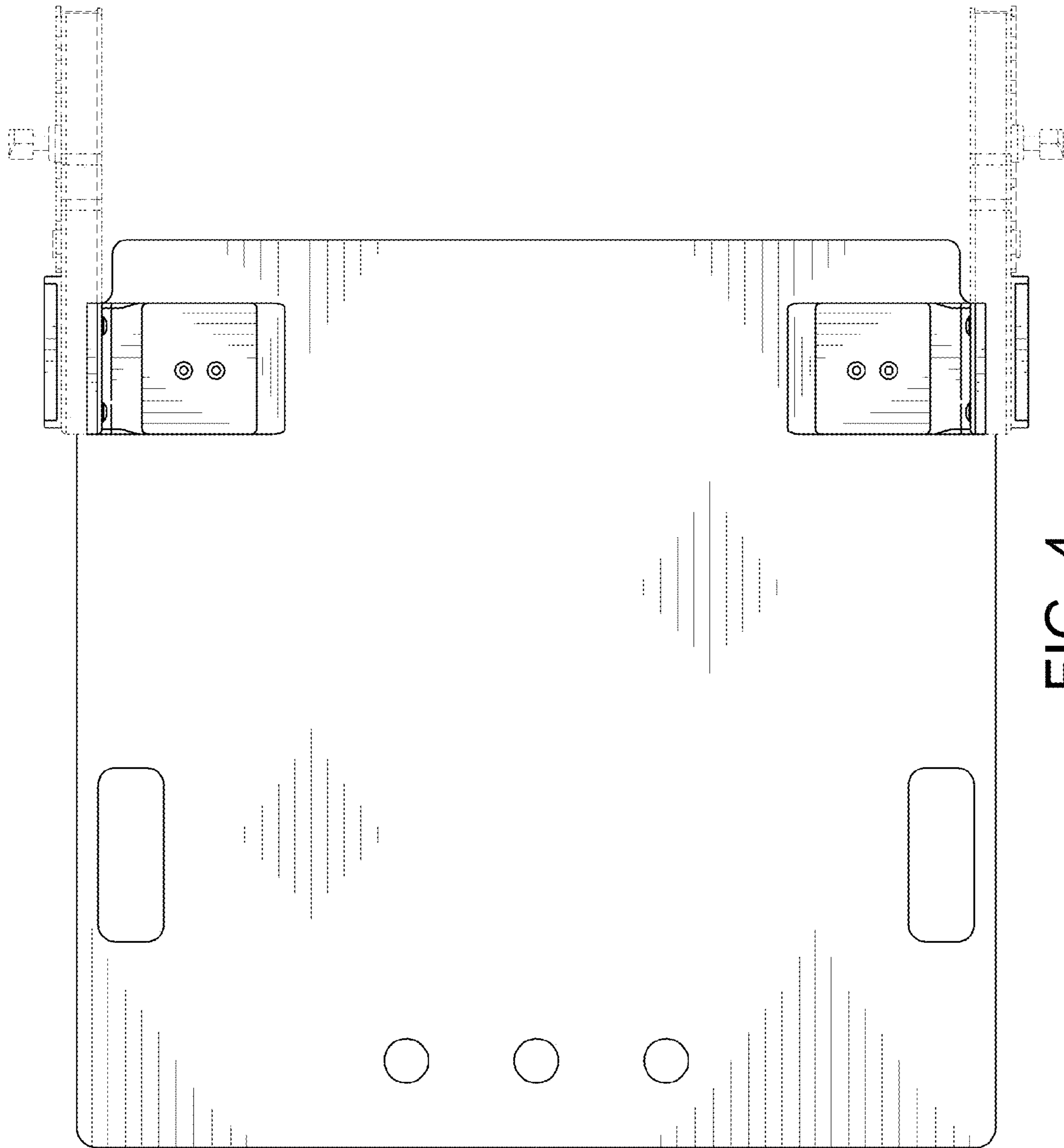


FIG. 4

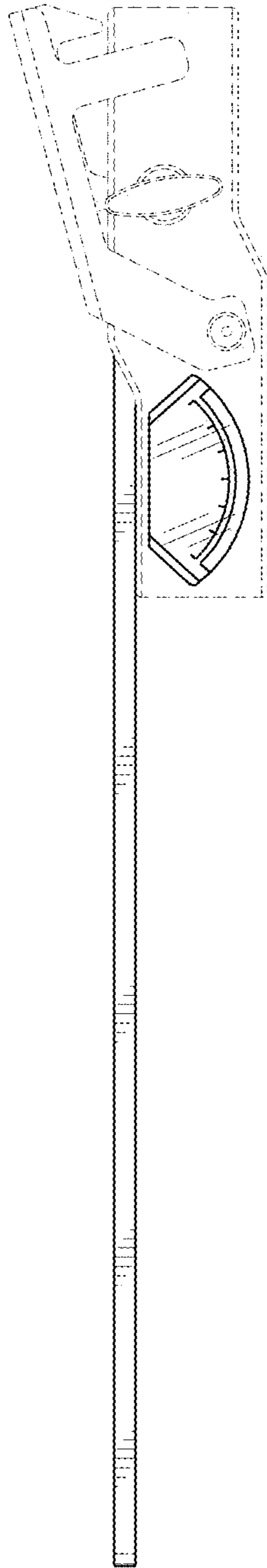


FIG. 5



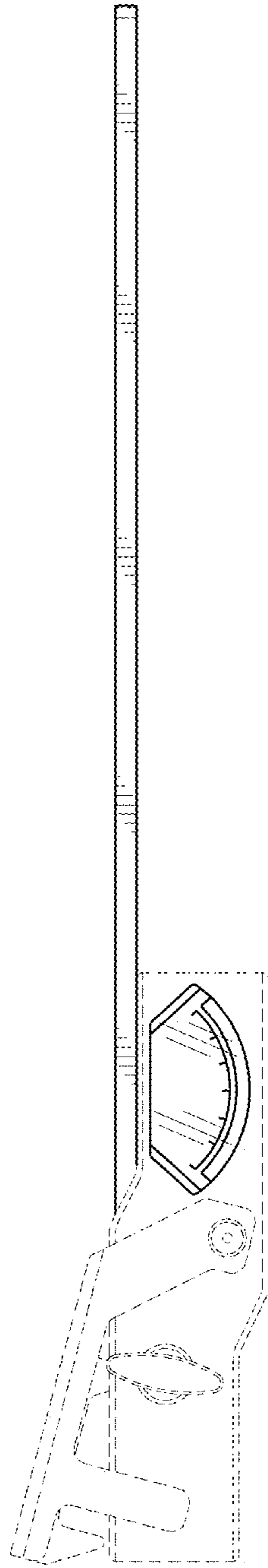


FIG. 6

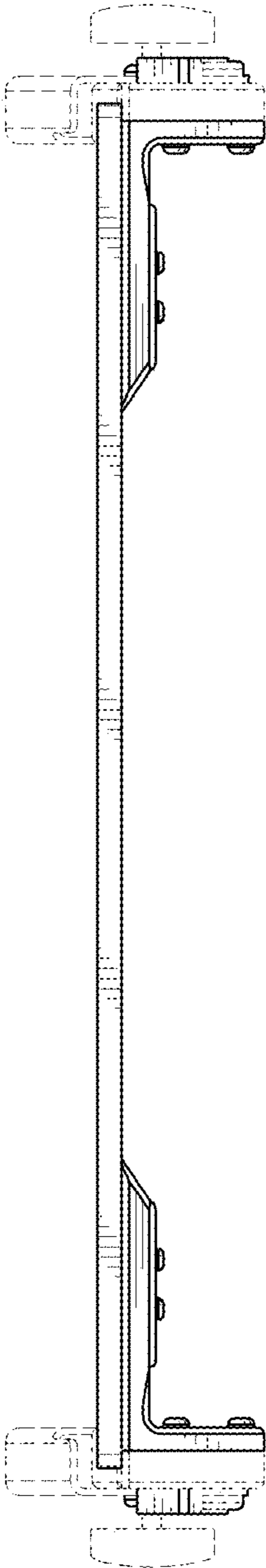


FIG. 7

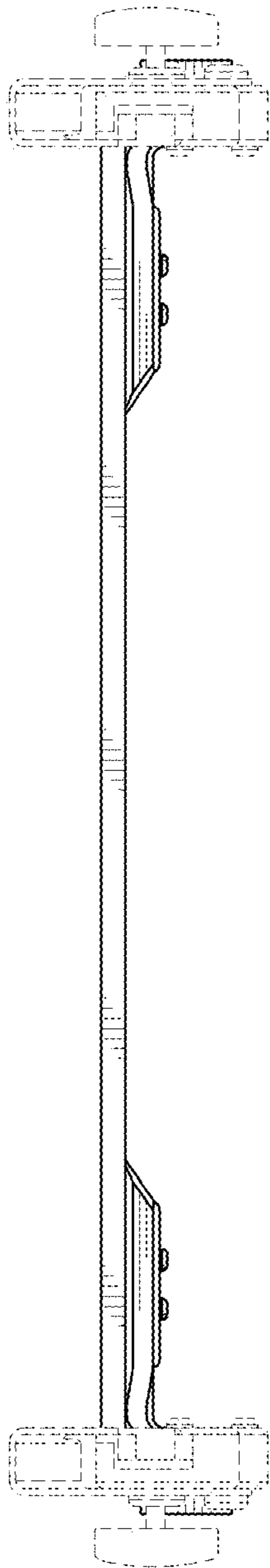


FIG. 8