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(12) **United States Design Patent** (10) **Patent No.:** **US D954,864 S**
Carmichael et al. (45) **Date of Patent:** **** Jun. 14, 2022**

(54) **CARRIAGE FOR EXERCISE RACK**

FOREIGN PATENT DOCUMENTS

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EP 2345459 A1 7/2011
EP 3295998 A1 3/2018

(Continued)

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OTHER PUBLICATIONS

Photo from <<https://web.archive.org/web/20170112075250/https://mydynamicfitness.com>>, dated Jan. 12, 2017.

(Continued)

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(**) Term: **15 Years**

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(21) Appl. No.: **29/741,487**

(22) Filed: **Jul. 13, 2020**

(57) **CLAIM**

Related U.S. Application Data

(63) Continuation of application No. 29/661,400, filed on
Aug. 27, 2018, now Pat. No. Des. 890,271.

The ornamental design for a carriage for exercise rack, as
shown and described.

(51) **LOC (13) Cl.** **21-02**

(52) **U.S. Cl.**
USPC **D21/686**

(58) **Field of Classification Search**

USPC D21/686, 694; D25/68; D8/349, 354,
D8/363, 371, 373, 380, 382
CPC A63B 21/078; A63B 21/169; A63B 21/16;
A63B 71/023

See application file for complete search history.

DESCRIPTION

FIG. 1 is a top, front, left perspective view of a carriage for
exercise rack showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a bottom, front, right perspective view thereof; and,
FIG. 9 is a top, front, left perspective view thereof shown in
a condition of use.

The broken lines in FIGS. 1-8 show portions of the carriage
for exercise rack which forms no part of the claimed design.
The additional broken lines shown in FIG. 9 are to show
environment structure and form no part of the claimed
design.

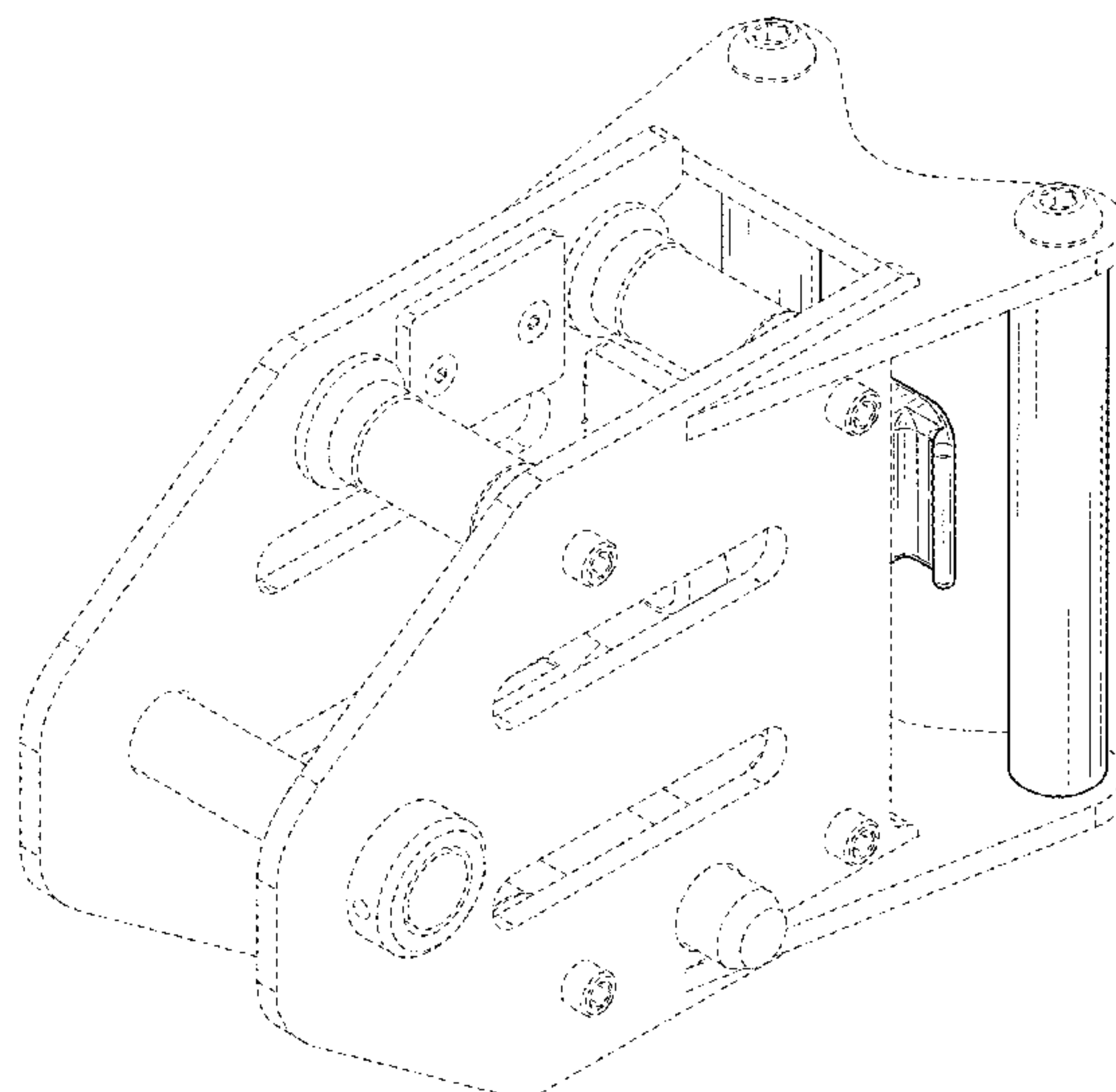
(56) **References Cited**

U.S. PATENT DOCUMENTS

325,435 A	9/1885	North
2,067,403 A	1/1937	Lea
2,476,863 A	7/1949	Hawes
3,716,231 A	2/1973	Martin
4,286,782 A	9/1981	Fuhrhop
4,339,125 A	7/1982	Uyeda et al.
4,492,375 A	1/1985	Connelly

(Continued)

1 Claim, 6 Drawing Sheets



(56)

References Cited**U.S. PATENT DOCUMENTS**

4,582,320 A 4/1986 Shaw
 4,635,934 A 1/1987 Roethke
 4,697,809 A 10/1987 Rockwell
 4,856,775 A 8/1989 Colledge et al.
 4,955,604 A 9/1990 Pogue
 5,050,868 A 9/1991 Pearson
 5,116,297 A 5/1992 Stonecipher
 5,135,453 A 8/1992 Sollenberger
 5,184,992 A 2/1993 Banks
 D358,623 S 5/1995 Macasieb
 5,529,558 A 6/1996 Koenig
 5,569,133 A 10/1996 Vittone
 5,688,216 A 11/1997 Mauriello
 5,722,922 A 3/1998 Watterson et al.
 5,971,897 A 10/1999 Olson et al.
 D439,292 S 3/2001 Webber et al.
 6,217,483 B1 4/2001 Kallassy
 6,238,323 B1 5/2001 Simonson
 D444,827 S 7/2001 Mobley
 6,261,205 B1 7/2001 Elefson
 6,394,935 B1 5/2002 Lake
 6,447,430 B1 9/2002 Webb et al.
 6,482,139 B1 11/2002 Haag
 6,508,743 B1 1/2003 Fortin
 D489,601 S 5/2004 Meeker
 D512,113 S 11/2005 Carter
 D550,790 S 9/2007 Staten
 D550,791 S 9/2007 Rogers et al.
 D550,792 S 9/2007 Rogers et al.
 D551,306 S 9/2007 Rogers et al.
 D562,670 S * 2/2008 Rogers D8/330
 7,488,277 B1 2/2009 Knapp
 D593,848 S * 6/2009 Balemi D8/382
 D593,849 S * 6/2009 Balemi D8/382
 7,549,950 B1 6/2009 Lundquist et al.
 7,727,129 B1 6/2010 Goddard
 7,998,040 B2 8/2011 Kram et al.
 8,057,368 B1 11/2011 Lyszcza
 8,096,926 B1 1/2012 Batca
 8,172,733 B1 5/2012 Batca
 D666,259 S * 8/2012 Garcia D21/686
 8,337,370 B2 12/2012 Rogers et al.
 8,827,875 B2 9/2014 Schiano
 9,011,301 B2 4/2015 Balandis et al.
 9,028,381 B2 5/2015 Mestemaker
 9,289,638 B2 3/2016 Towley, III et al.
 9,302,139 B2 4/2016 Habing et al.
 D761,084 S * 7/2016 Cox D8/354
 D761,085 S * 7/2016 Cox D8/354
 9,409,220 B2 * 8/2016 Henniger B21D 5/16
 9,421,413 B2 8/2016 Staten et al.
 D769,991 S 10/2016 Thomas
 D772,356 S 11/2016 Gregory
 D781,452 S 3/2017 Bokros
 D806,808 S 1/2018 Gregory
 D808,475 S 1/2018 Meredith et al.
 D815,305 S 4/2018 Alvarado et al.
 D818,547 S * 5/2018 Meredith D21/686
 10,226,661 B2 * 3/2019 Henniger A63B 21/4035
 D849,160 S 5/2019 Lau
 D852,291 S * 6/2019 Meredith D21/694
 D855,720 S 8/2019 Kuka
 D858,262 S * 9/2019 Wilson D8/373
 10,456,615 B1 * 10/2019 Anthony A63B 23/03541
 D873,935 S 1/2020 Van Den Berg
 10,525,301 B2 1/2020 Hsu
 D886,214 S * 6/2020 Jones D21/679
 D890,271 S * 7/2020 Carmichael D21/686
 D890,867 S * 7/2020 Carmichael D21/686
 D898,136 S * 10/2020 Carmichael D21/686
 D898,137 S * 10/2020 Carmichael D21/686
 D903,793 S * 12/2020 Henniger D21/673
 D909,502 S * 2/2021 Adams D21/694
 D915,533 S * 4/2021 Adams D21/694
 D919,017 S * 5/2021 Henniger D21/673

2003/0115955 A1 6/2003 Keiser
 2003/0134723 A1 7/2003 Greenland
 2005/0054493 A1 3/2005 Skilken et al.
 2005/0202941 A1 9/2005 Vaes
 2006/0035765 A1 2/2006 Smith
 2006/0040799 A1 2/2006 Pompile
 2006/0183607 A1 8/2006 Collias
 2006/0252615 A1 11/2006 Melcer
 2007/0054785 A1 3/2007 Drechsler
 2007/0093365 A1 4/2007 Batca
 2007/0155595 A1 7/2007 Rogers et al.
 2007/0155596 A1 7/2007 Rogers et al.
 2007/0161468 A1 * 7/2007 Yanagisawa A63B 21/4017
 482/139
 2008/0113852 A1 5/2008 Caldwell
 2009/0143203 A1 6/2009 Knapp
 2009/0170675 A1 7/2009 Giannelli et al.
 2010/0016129 A1 1/2010 Chou
 2010/0137112 A1 * 6/2010 Harker A63B 21/0552
 482/92
 2010/0216610 A1 8/2010 Gedeon-Janvier
 2010/0292057 A1 11/2010 Dunn
 2012/0289384 A1 11/2012 Staten et al.
 2012/0329613 A1 12/2012 Schiano
 2013/0035220 A1 2/2013 Adams
 2013/0296143 A1 11/2013 Staten et al.
 2013/0296146 A1 11/2013 Staten et al.
 2014/0087928 A1 3/2014 Luedeka
 2014/0200117 A1 7/2014 Grider
 2014/0256517 A1 9/2014 Poppinga
 2015/0016919 A1 1/2015 Tambornino et al.
 2015/0051054 A1 2/2015 Barnhill
 2015/0065316 A1 * 3/2015 Towley, III A63B 21/078
 482/104
 2015/0083681 A1 3/2015 Childs
 2015/0126335 A1 5/2015 Gilson et al.
 2015/0141221 A1 5/2015 Delgado
 2015/0182773 A1 7/2015 Olson et al.
 2015/0290488 A1 10/2015 Hopperstad et al.
 2015/0352395 A1 12/2015 Gregory
 2016/0023035 A1 1/2016 Meyer
 2016/0199691 A1 7/2016 Hockridge
 2016/0213967 A1 7/2016 Habing et al.
 2017/0007877 A1 1/2017 Leipheimer
 2017/0056705 A1 3/2017 Zha et al.
 2017/0189736 A1 7/2017 Martin
 2017/0246496 A1 8/2017 Nelson et al.
 2017/0246504 A1 8/2017 Simmons
 2018/0036573 A1 2/2018 Lennox et al.
 2018/0243597 A1 8/2018 Schlegel
 2019/0240521 A1 8/2019 Staten
 2019/0247701 A1 8/2019 Sergakis et al.
 2019/0275363 A1 9/2019 Jones et al.
 2019/0308061 A1 * 10/2019 Murrell A63B 71/0054
 2020/0038704 A1 2/2020 Adams
 2020/0078633 A1 3/2020 Chou

FOREIGN PATENT DOCUMENTS

FR 2630652 A1 11/1989
 GB 2346808 A 8/2000
 KR 200466889 Y1 5/2013
 KR 20140060130 A 5/2014
 WO 9842411 A1 10/1998
 WO 201893699 A1 5/2018
 WO 2018208772 A1 11/2018

OTHER PUBLICATIONS

Screenshots from <<https://www.youtube.com/watch?v=A4xv8OhVbzI>>, dated May 17, 2018.

Product promotional materials for Dynamic Fitness Ultra Pro Rack Series from <<https://web.archive.org/web/20170112075250/https://mydynamicfitness.com>> dated Jan. 12, 2017.

Product listing for Rogue Monster Lever Arms from <<https://web.archive.org/web/20160529110340/http://www.roguefitness.com/monster-lever-arms>>, dated May 29, 2016.

(56)

References Cited

OTHER PUBLICATIONS

Product listing for Rogue Monster Lever Arms from <<https://web.archive.org/web/20161111082206/http://www.roguefitness.com/monster-lever-arms>>, dated Nov. 11, 2016.

Jul. 23, 2019—(WO) International Search Report & Written Opinion—App PCT/US2019/021017.

Sorinex Exercise Equipment: “Base camp jammer arms adjustable attachment point”, Feb. 27, 2018 (Feb. 27, 2018), pp. 1-3, Retrieved from the Internet: URL:<https://www.facebook.com/sorinex.strength/videos/base-camp-jammer-arms-adjustable-attachment-point/10158262519208647/>.

Mar. 31, 2020—(WO) ISR and WO—App PCT/US2019/056130.

* cited by examiner

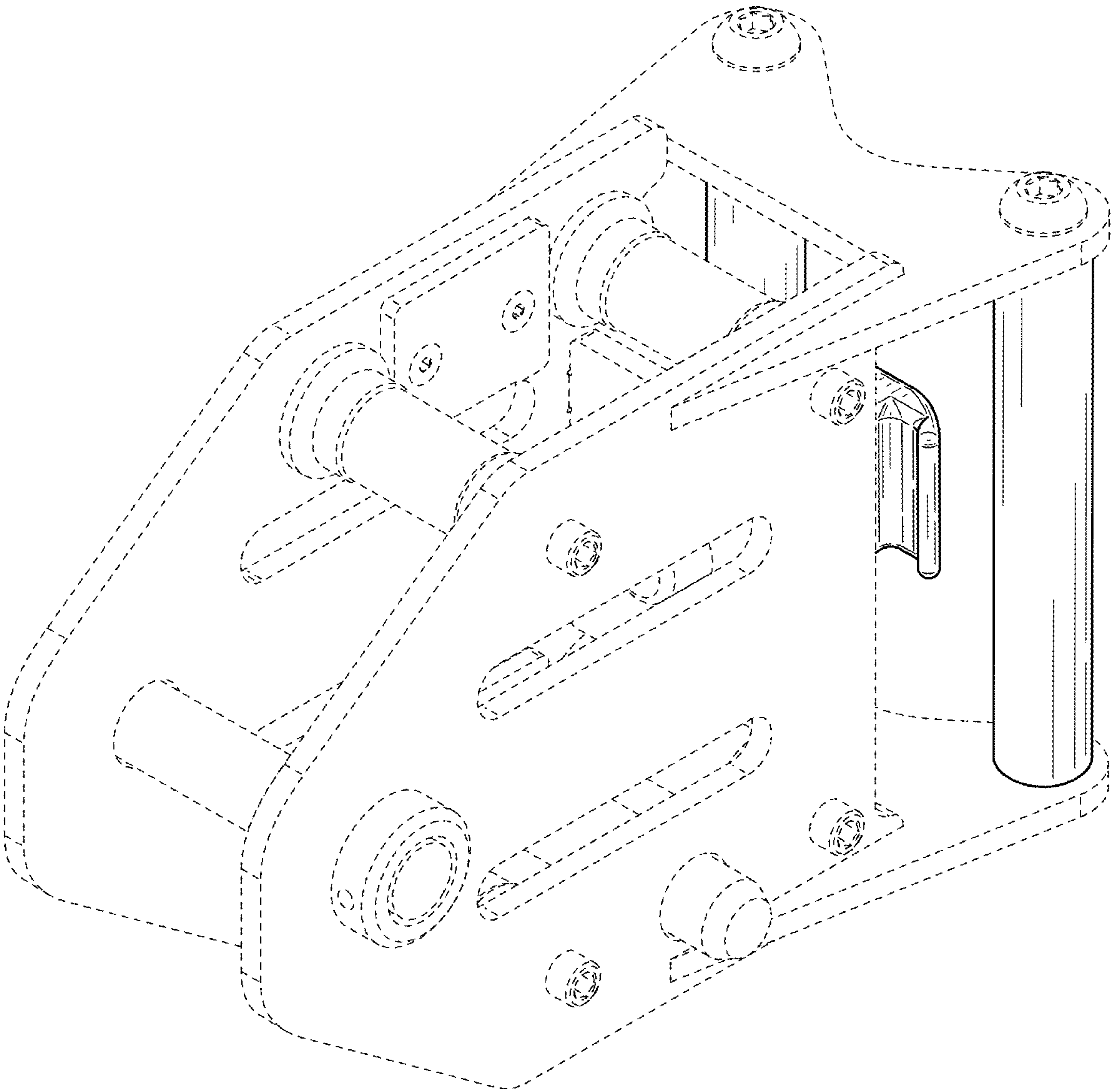


FIG. 1

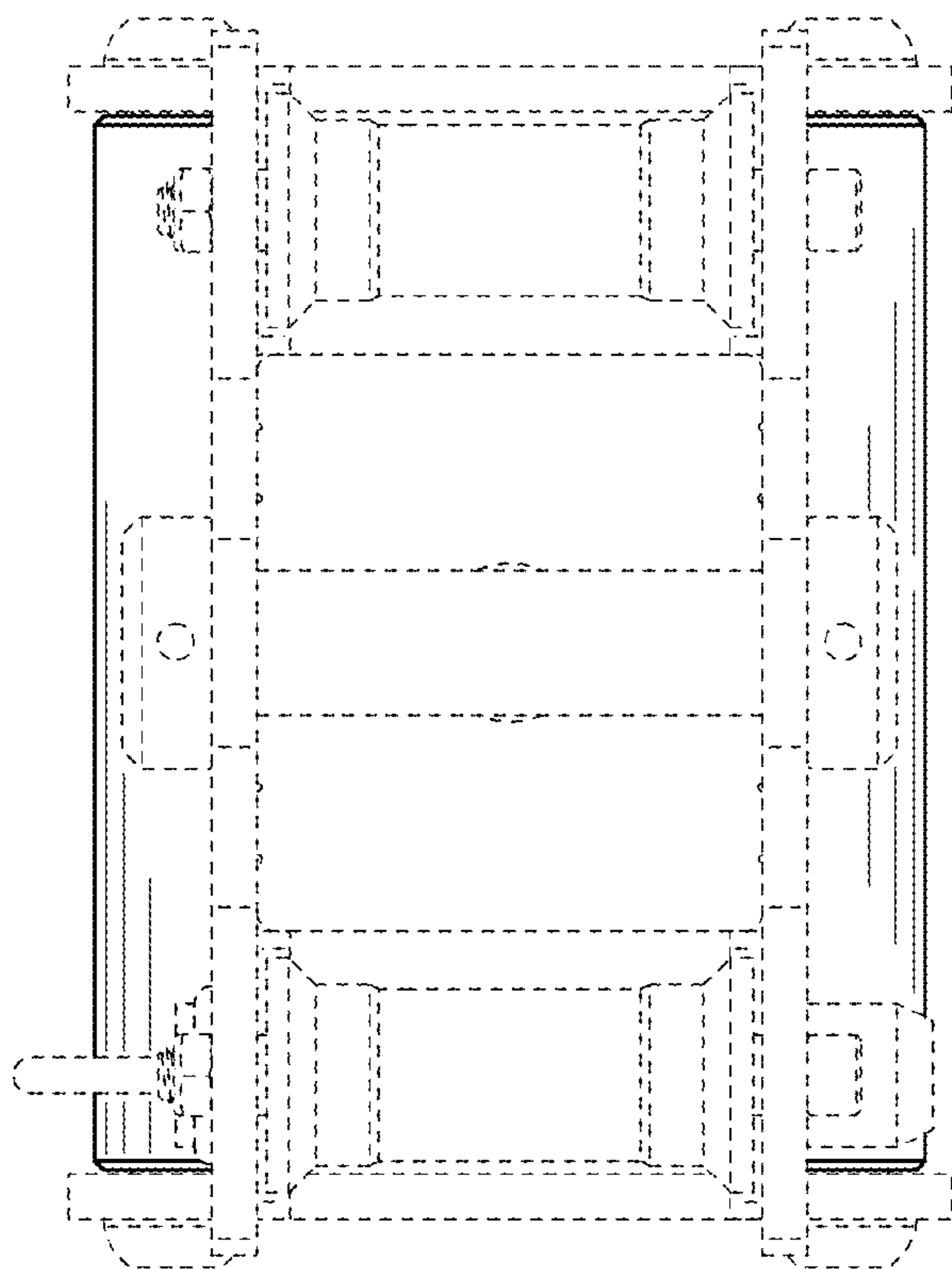


FIG. 2

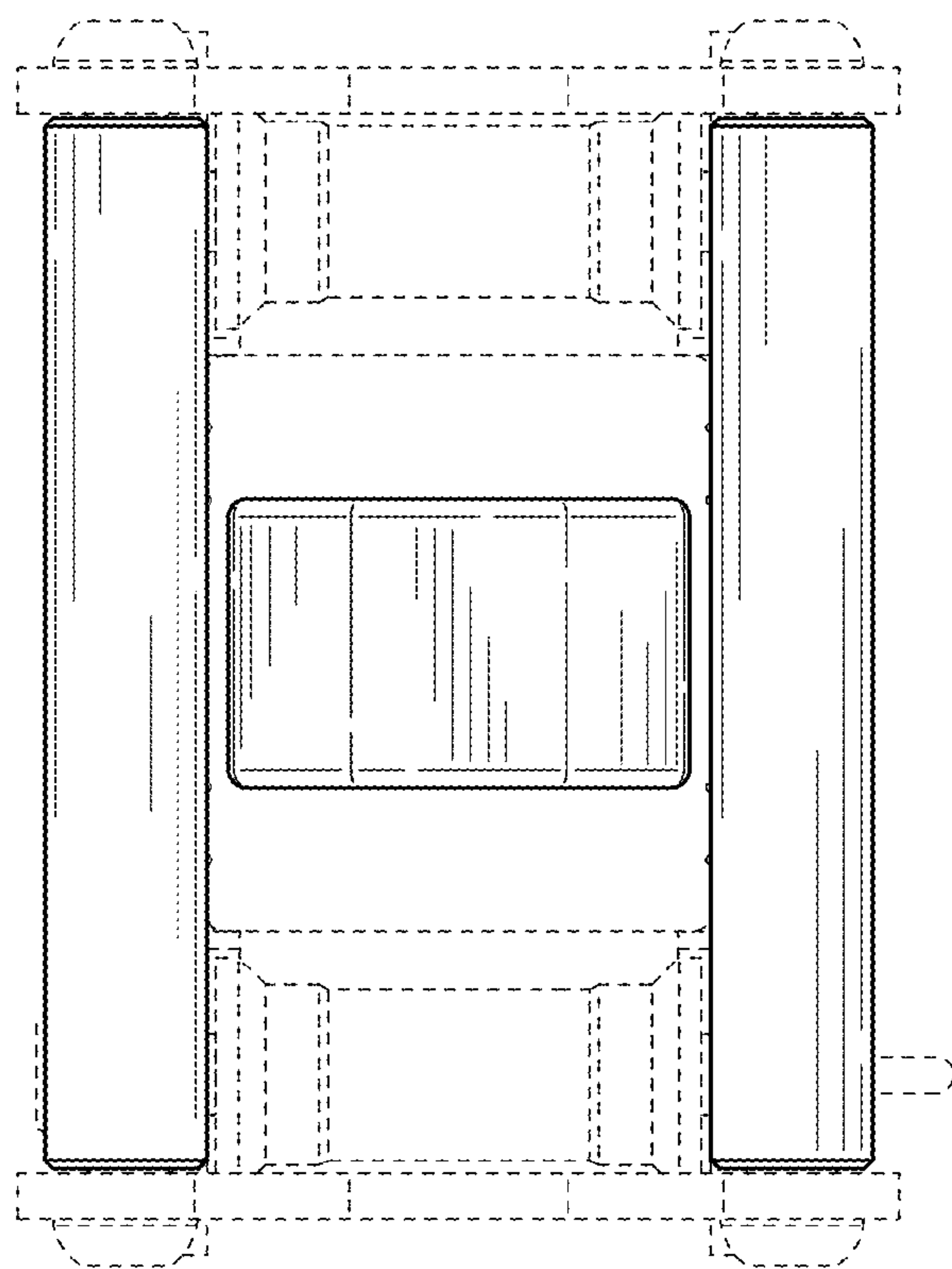


FIG. 3

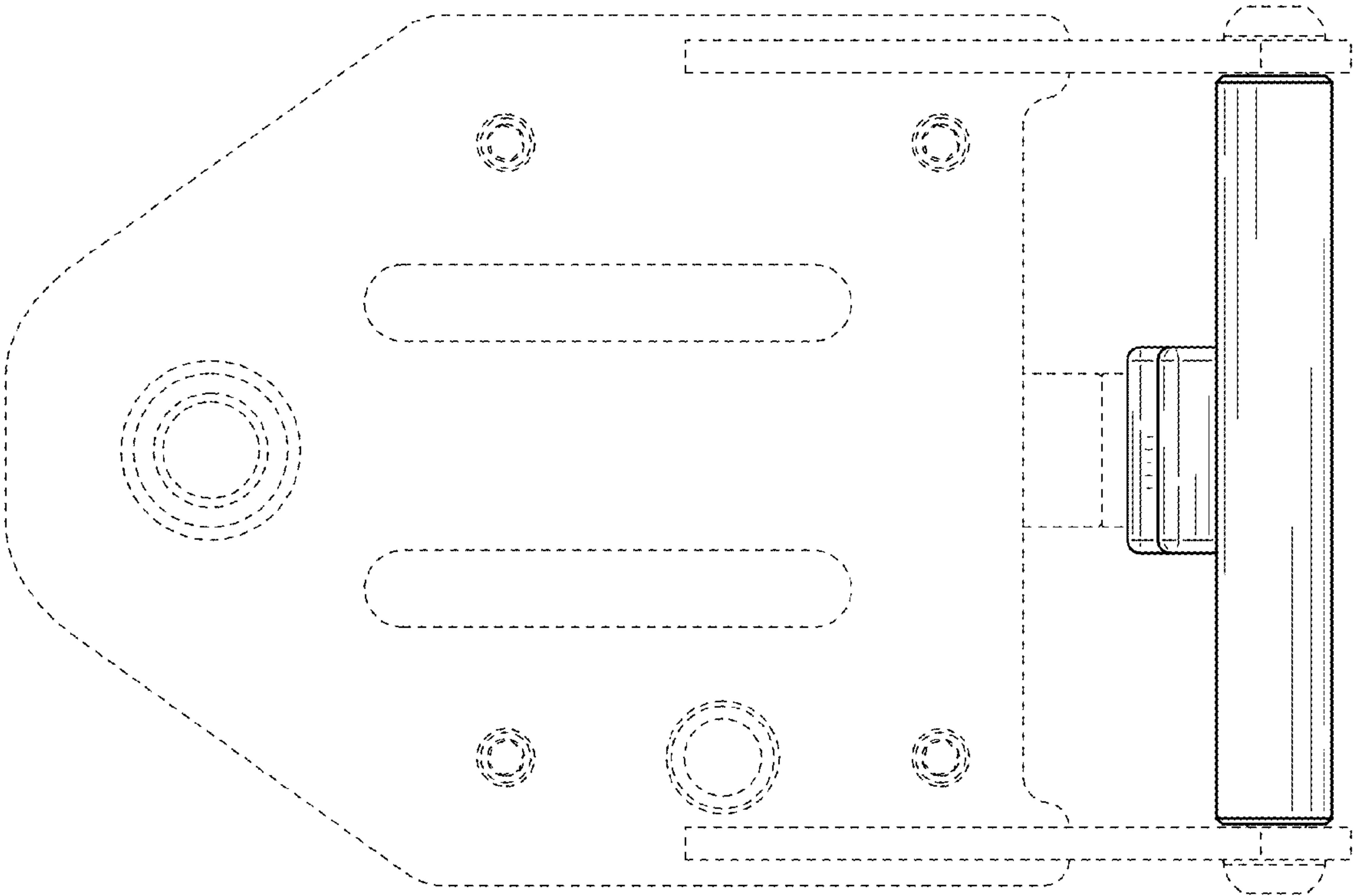


FIG. 4

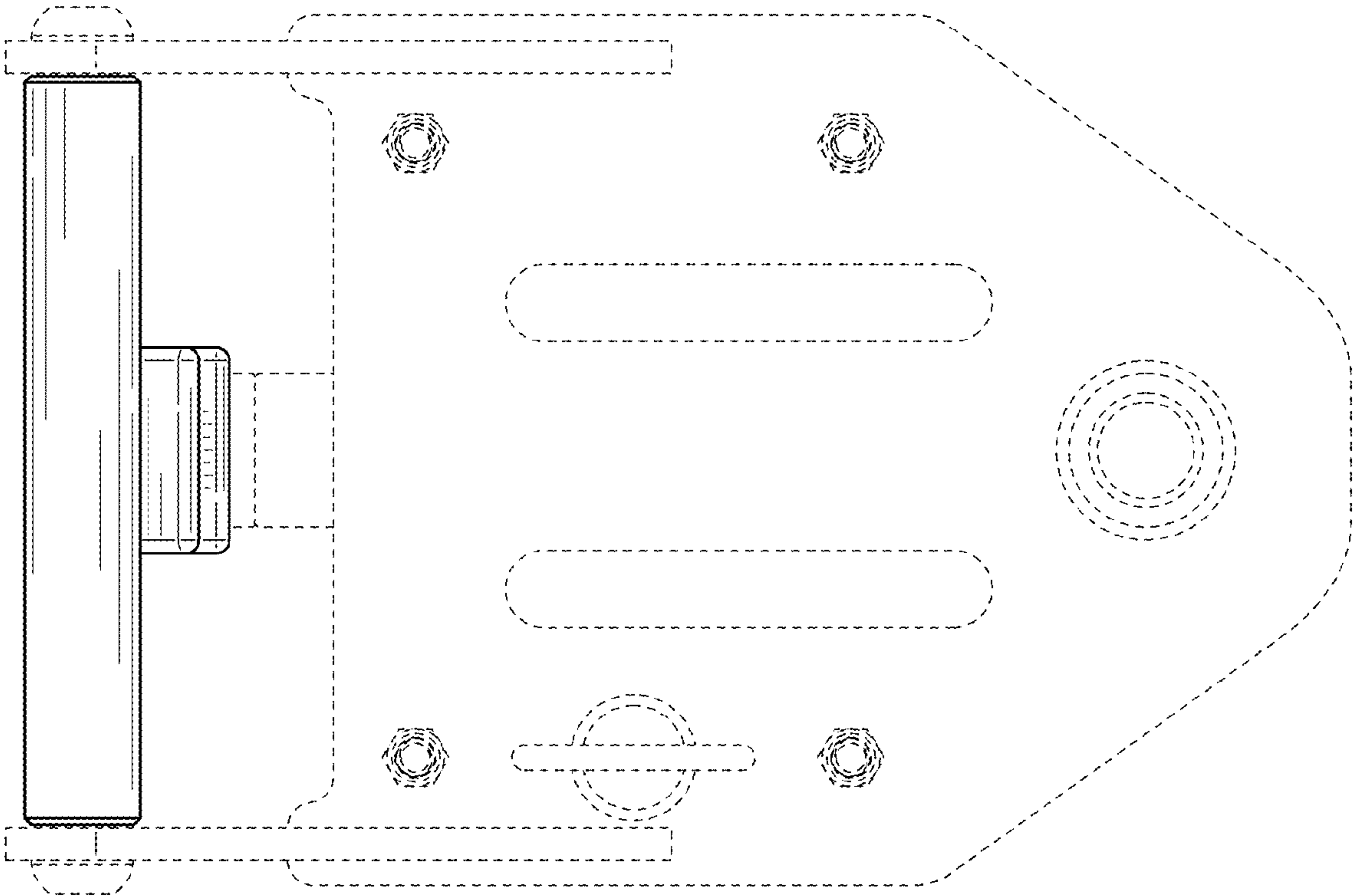


FIG. 5

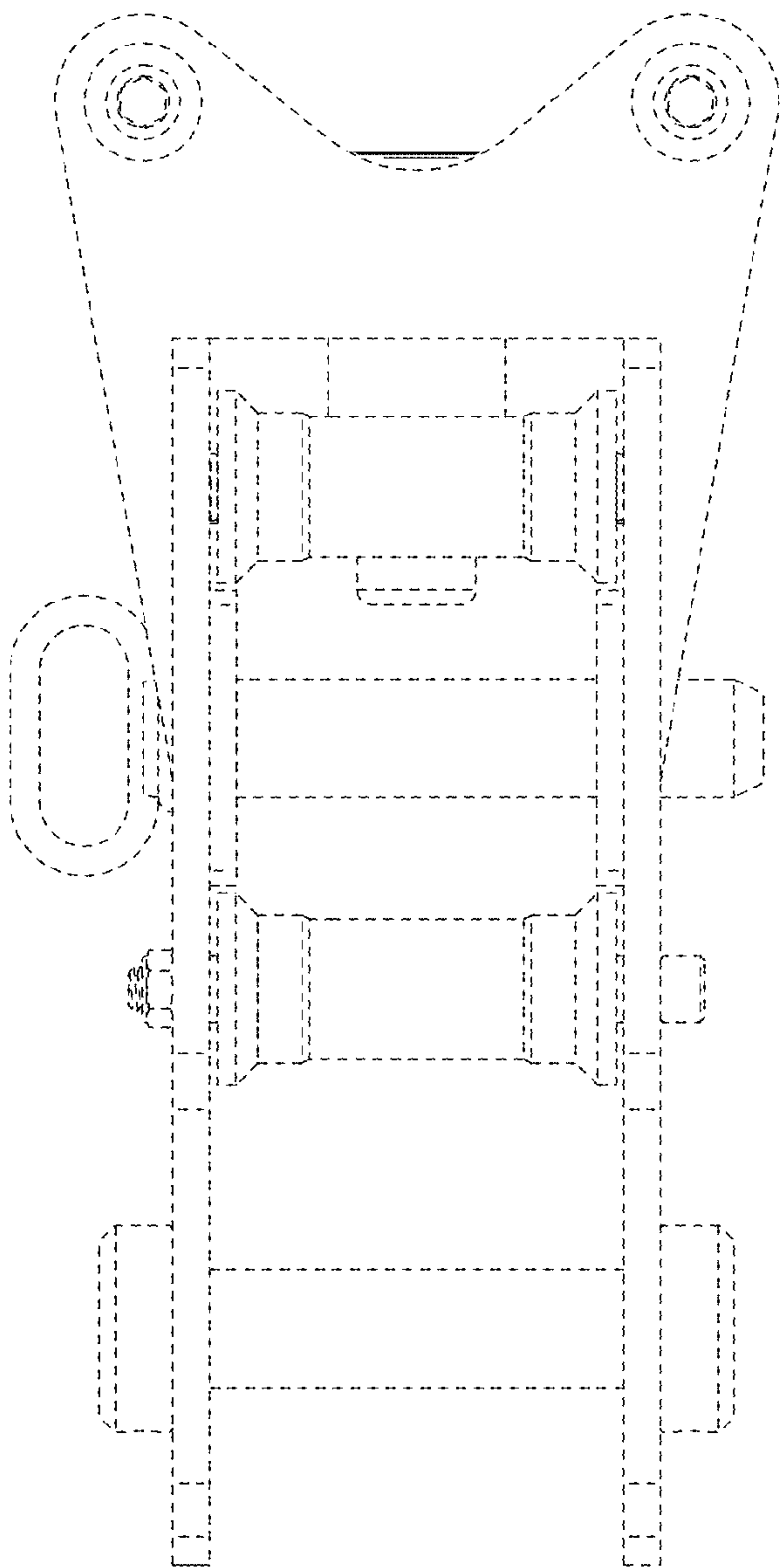


FIG. 6

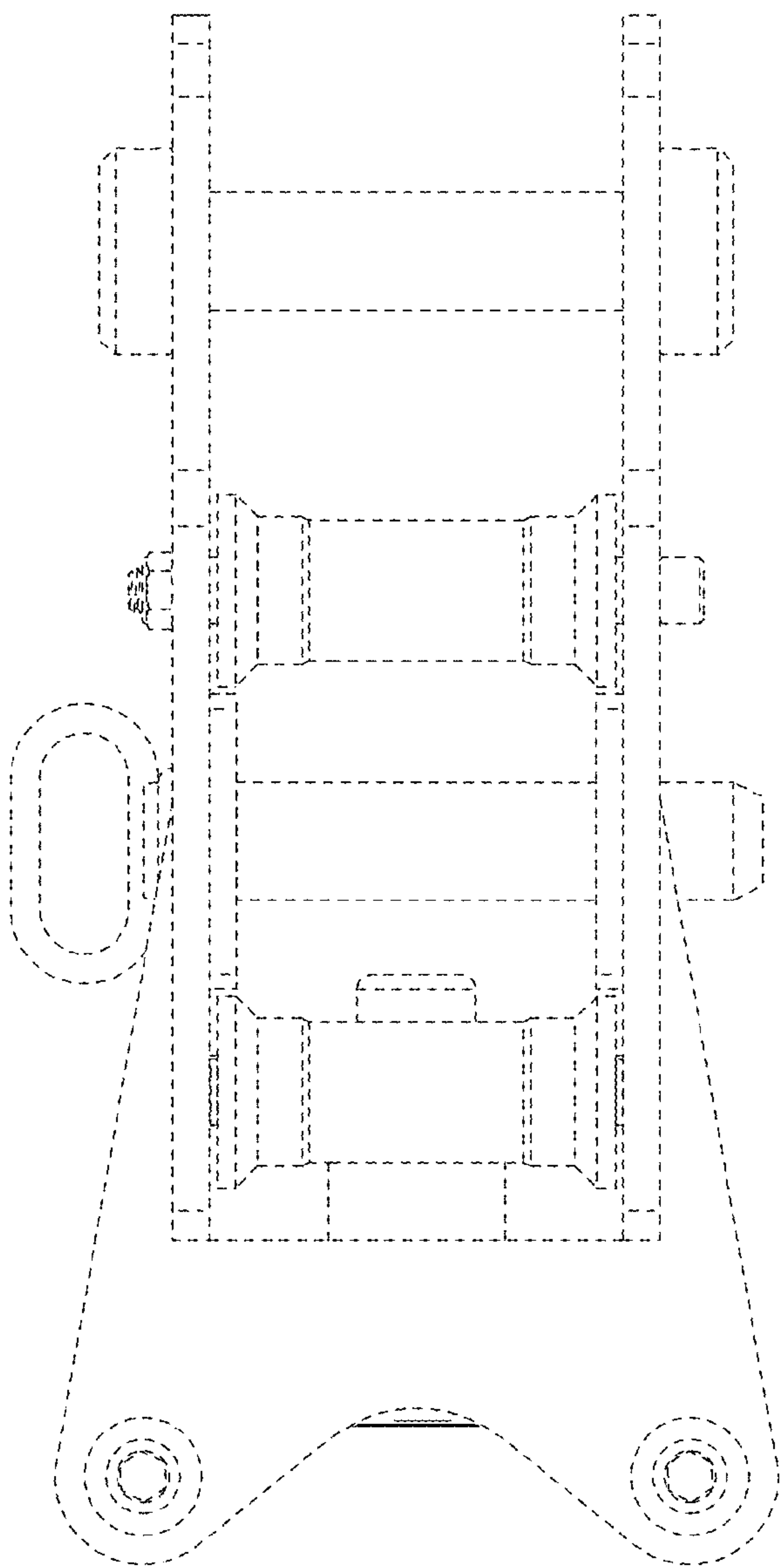


FIG. 7

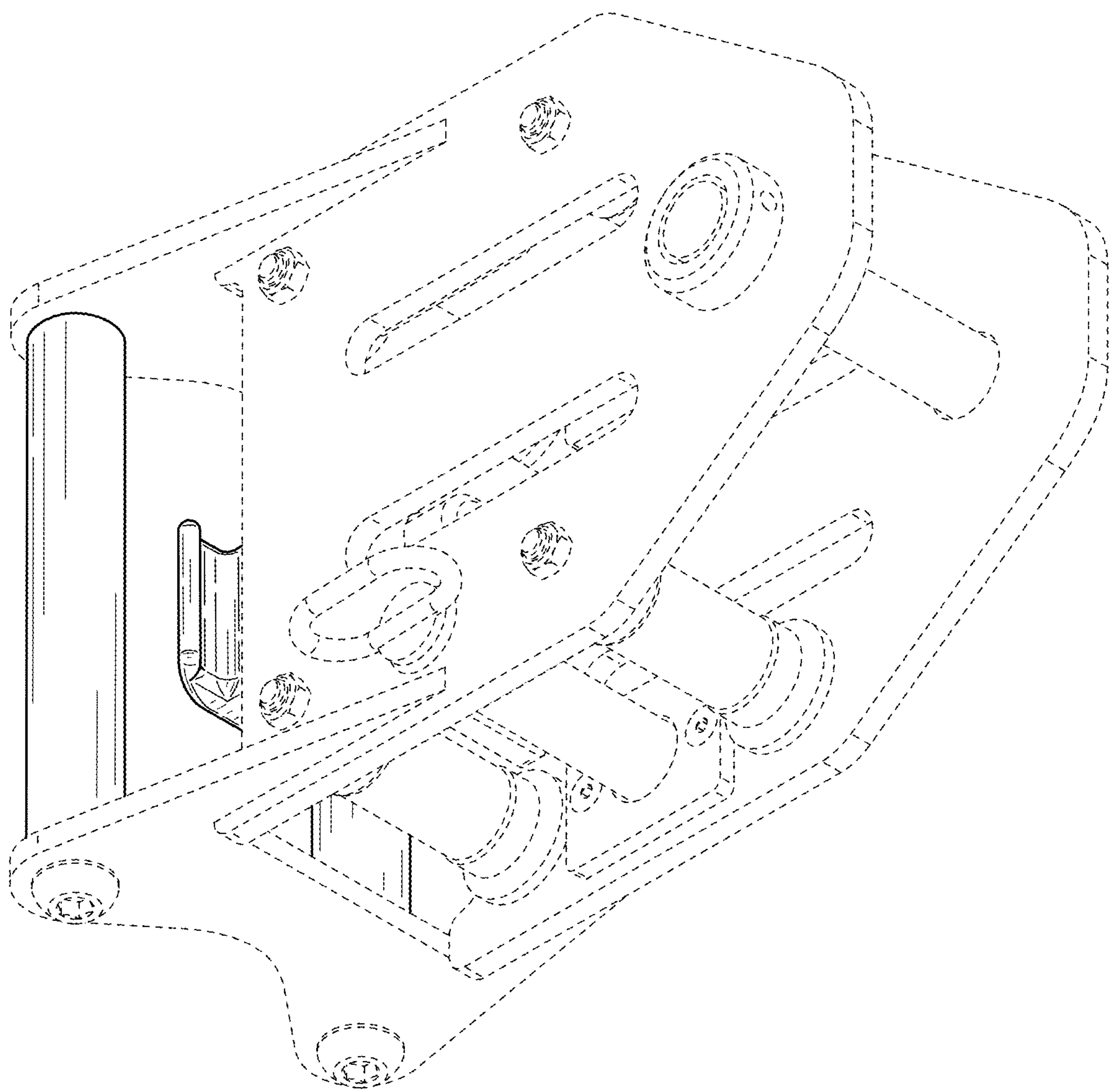


FIG. 8

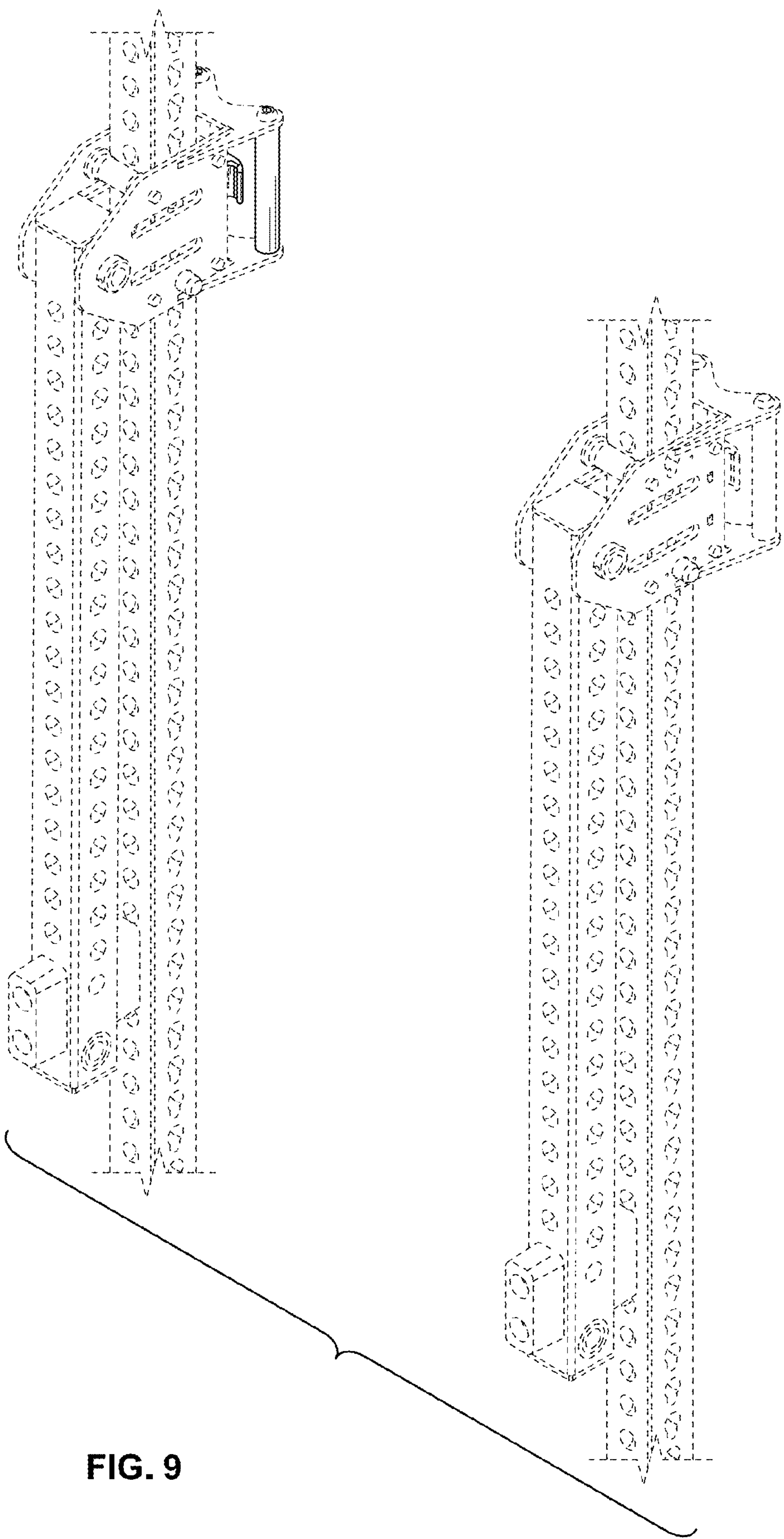


FIG. 9