

US00D948641S

(12)

United States Design Patent
Henniger et al.

(10)

Patent No.: US D948,641 S

(45)

Date of Patent: ** Apr. 12, 2022

(54) PULLEY HOUSING

FOREIGN PATENT DOCUMENTS

(71) Applicant: Coulter Ventures, LLC., Columbus, OH (US)

(72) Inventors: Bill Henniger, Columbus, OH (US); Nash Dunahay, Blacklick, OH (US)

EP 2345459 A1 7/2011
EP 3295998 A1 3/2018
(Continued)

(73) Assignee: Coulter Ventures, LLC., Columbus, OH (US)

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

(**) Term: 15 Years

(21) Appl. No.: 29/780,688

Primary Examiner — Ryan Harvey
(74) Attorney, Agent, or Firm — Banner & Witcoff, Ltd.

(22) Filed: Apr. 26, 2021

Related U.S. Application Data

(63) Continuation of application No. 29/746,754, filed on Aug. 17, 2020, now Pat. No. Des. 919,017, which is
(Continued)

(51) LOC (13) Cl. 21-02
(52) U.S. Cl. USPC D21/673

(58) Field of Classification Search
USPC D21/673, 662, 694, 753, 686, 679, 691, D21/680, 682, 696; 482/129, 102, 92, 482/93, 94, 99, 101, 103, 121, 904, 141, 482/138, 139, 98, 106, 41; D30/162; 294/1.4; 248/223.41, 225.11; D6/546, D6/548; D8/360, 356, 14, 75, 83; 254/390, 409, 124, 130, 131, 30;
(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

325,435 A * 9/1885 North B07C 3/087 186/22
723,625 A * 3/1903 Thornley A63B 21/154 482/102

(Continued)

OTHER PUBLICATIONS

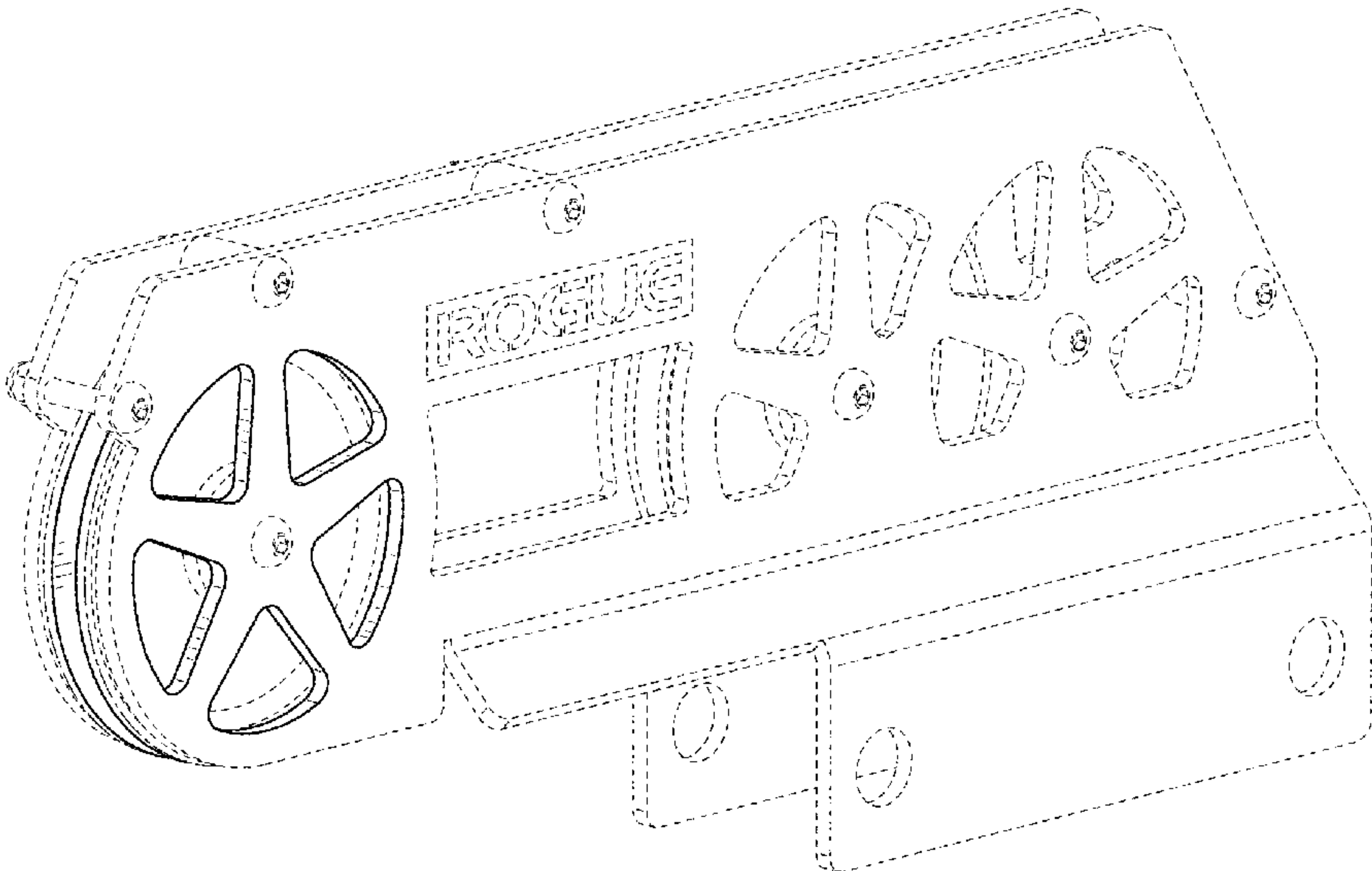
(57) CLAIM

The ornamental design for a pulley housing, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, left perspective view of a pulley housing showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is 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, rear, right perspective view thereof; and,
FIG. 9 is a top, front, left perspective view thereof, showing our new design in its exemplary environment.
The broken lines showing the remainder of the pulley housing and the exemplary environment show portions that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



Related U.S. Application Data

a continuation of application No. 29/667,935, filed on Oct. 25, 2018, now Pat. No. Des. 893,639.

(58) **Field of Classification Search**

USPC D14/204; 173/90, 91, 132, 118, 130, 173/128; 463/47.6; 215/379, 396; 220/772; D25/126; D10/70; D15/123; 351/156, 157; D13/154; D34/28, 31

CPC H01L 2924/00014; H01L 2924/00; A63B 21/4035; A63B 37/0076; A63B 37/0064; A63B 21/154

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,067,403 A 1/1937 Lea
3,716,231 A 2/1973 Martin
3,806,094 A * 4/1974 Harken B66D 3/04
254/409
D260,963 S * 9/1981 Merry D8/360
4,286,782 A 9/1981 Fuhrhop
4,339,125 A 7/1982 Uyeda et al.
4,492,375 A 1/1985 Connelly
4,582,320 A 4/1986 Shaw
4,634,127 A * 1/1987 Rockwell A63B 21/0632
482/138
4,635,934 A 1/1987 Roethke
4,697,809 A * 10/1987 Rockwell A63B 21/0628
482/102
4,856,775 A 8/1989 Colledge et al.
4,955,604 A 9/1990 Pogue
4,974,838 A * 12/1990 Sollenberger A63B 21/155
482/101
5,050,868 A 9/1991 Pearson
5,116,297 A 5/1992 Stonecipher
5,135,453 A 8/1992 Sollenberger
D330,156 S * 10/1992 Dye D8/360
5,184,992 A 2/1993 Banks
5,242,344 A * 9/1993 Hundley A63B 21/155
482/93
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.
5,800,321 A * 9/1998 Webber A63B 21/00072
482/100
5,951,444 A * 9/1999 Webber A63B 21/0628
482/99
5,971,897 A 10/1999 Olson et al.
D431,449 S * 10/2000 Mihailovic D8/360
D439,292 S 3/2001 Webber et al.
6,217,483 B1 4/2001 Kallassy
6,238,323 B1 5/2001 Simonson
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
6,527,683 B2 * 3/2003 Tolles A63B 21/152
482/103
D489,601 S 5/2004 Meeker
D512,113 S * 11/2005 Carter D21/675
7,070,546 B1 * 7/2006 Grasso A63B 21/072
482/103
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.
7,488,277 B1 2/2009 Knapp
7,549,950 B1 6/2009 Lundquist et al.
7,601,105 B1 * 10/2009 Gipson, III A63B 21/055
482/103

7,717,833 B1 * 5/2010 Nelson A63B 21/4047
482/100
7,727,129 B1 6/2010 Goddard
D627,208 S * 11/2010 Huang D8/360
7,922,630 B1 * 4/2011 Batca A63B 23/12
482/94
7,981,010 B1 * 7/2011 Webber A63B 23/1209
482/96
7,998,037 B2 * 8/2011 Luquette A63B 21/0628
482/103
7,998,040 B2 8/2011 Kram et al.
8,057,368 B1 11/2011 Lyszczarz
8,096,926 B1 1/2012 Batca
D658,487 S * 5/2012 Chih D8/360
D659,775 S * 5/2012 Olson D21/673
8,172,733 B1 5/2012 Batca
8,337,370 B2 12/2012 Rogers et al.
D679,764 S * 4/2013 Alessandri D21/675
8,485,951 B1 * 7/2013 Adams A63B 21/151
482/129
8,550,964 B2 * 10/2013 Ish, III A63B 21/4015
482/95
D708,507 S * 7/2014 Fretz D8/360
8,827,875 B2 9/2014 Schiano
8,834,328 B1 * 9/2014 Batca A63B 21/0628
482/99
9,011,301 B2 4/2015 Balandis et al.
9,028,381 B2 5/2015 Mestemaker
9,067,100 B2 * 6/2015 Habing A63B 21/0628
9,289,638 B2 3/2016 Towley, III et al.
9,302,139 B2 4/2016 Habing et al.
9,421,413 B2 8/2016 Staten et al.
9,446,285 B1 * 9/2016 Drath A63B 23/03558
D769,991 S 10/2016 Thomas
9,457,220 B2 * 10/2016 Olson A63B 21/156
D772,356 S 11/2016 Gregory
D781,452 S 3/2017 Bokros
9,656,116 B2 * 5/2017 Giannelli A63B 21/063
D797,869 S * 9/2017 Baudhuin D21/694
9,802,075 B2 * 10/2017 Gvoich A63B 21/154
D806,808 S 1/2018 Gregory
D808,475 S 1/2018 Meredith et al.
D815,305 S 4/2018 Alvarado et al.
D830,481 S * 10/2018 Yang D21/676
10,265,572 B2 * 4/2019 Bach A63B 21/4035
D849,160 S 5/2019 Lau
D855,720 S 8/2019 Kuka
D860,766 S * 9/2019 Brown A62B 1/18
D8/360
10,525,301 B2 * 1/2020 Hsu A63B 21/4035
D878,185 S * 3/2020 Petzl D8/356
D893,639 S * 8/2020 Henniger D21/673
D903,793 S * 12/2020 Henniger D21/694
D919,017 S * 5/2021 Henniger D21/673
D935,311 S * 11/2021 Xu D8/360
2003/0100413 A1 * 5/2003 Huang A63B 21/4017
482/100
2003/0115955 A1 6/2003 Keiser
2003/0134723 A1 7/2003 Greenland
2004/0018920 A1 * 1/2004 Simonson A63B 21/0628
482/99
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
2006/0247107 A1 * 11/2006 Carter A63B 21/15
482/99
2006/0252615 A1 11/2006 Melcer
2007/0037674 A1 * 2/2007 Finn A63B 21/156
482/97
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 et al.
2008/0113852 A1 5/2008 Caldwell

(56)

References Cited

U.S. PATENT DOCUMENTS

2009/0114893 A1 * 5/2009 Lange B66D 3/04
254/390
2009/0137370 A1 * 5/2009 Kushnir A63B 21/00069
482/120
2009/0143203 A1 6/2009 Knapp
2009/0170675 A1 * 7/2009 Giannelli A63B 21/154
482/139
2010/0016129 A1 * 1/2010 Chou A63B 23/03516
482/97
2010/0216610 A1 8/2010 Gedeon-Janvier
2010/0292057 A1 11/2010 Dunn
2012/0142503 A1 * 6/2012 Sevadjan A63B 23/1254
482/99
2012/0238418 A1 9/2012 Reyes
2012/0289384 A1 11/2012 Staten et al.
2012/0329613 A1 12/2012 Schiano
2013/0035220 A1 2/2013 Adams
2013/0109543 A1 * 5/2013 Reyes A63B 21/0628
482/99
2013/0274075 A1 * 10/2013 Habing A63B 21/078
482/102
2013/0296143 A1 11/2013 Staten et al.
2013/0296146 A1 11/2013 Staten et al.
2014/0087928 A1 3/2014 Luedeka
2014/0256517 A1 9/2014 Poppinga
2015/0016919 A1 1/2015 Tambornino et al.
2015/0051054 A1 2/2015 Barnhill
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.
2015/0246258 A1 * 9/2015 Hockridge A63B 23/03541
482/99
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
2019/0275363 A1 9/2019 Jones et al.
2020/0155889 A1 5/2020 Leipheimer

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=A4xv8OhVbzl>>, 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.

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. Product listing for Monster Lat Pulldown/Low Row (Rack Mounted) from <http://web.archive.org/web/20190828224237/https://www.roguefitness.com/lat-pulldown-low-row-rackmounted> dated Aug. 28, 2019, accessed May 10, 2021.

Product listing for Rogue LP-2 Lat Pulldown / Low Row from <http://web.archive.org/web/20200812230501/https://www.roguefitness.com/rogue-lp-2-lat-pulldown-low-row> dated Aug. 12, 2020, accessed May 10, 2021.

Product listing for Rogue CT-1 Cable Tower from <http://web.archive.org/web/20200812232443/https://www.roguefitness.com/rogue-ct-1-cable-tower> dated Aug. 12, 2020, accessed May 10, 2021.

Product listing for Monster Lat Pulldown/Low Row (Stand Alone) from <<http://web.archive.org/web/20200808182016/https://www.roguefitness.com/lat-pulldown-low-row-stand-alone>> dated Aug. 8, 2020, accessed May 10, 2021.

* cited by examiner

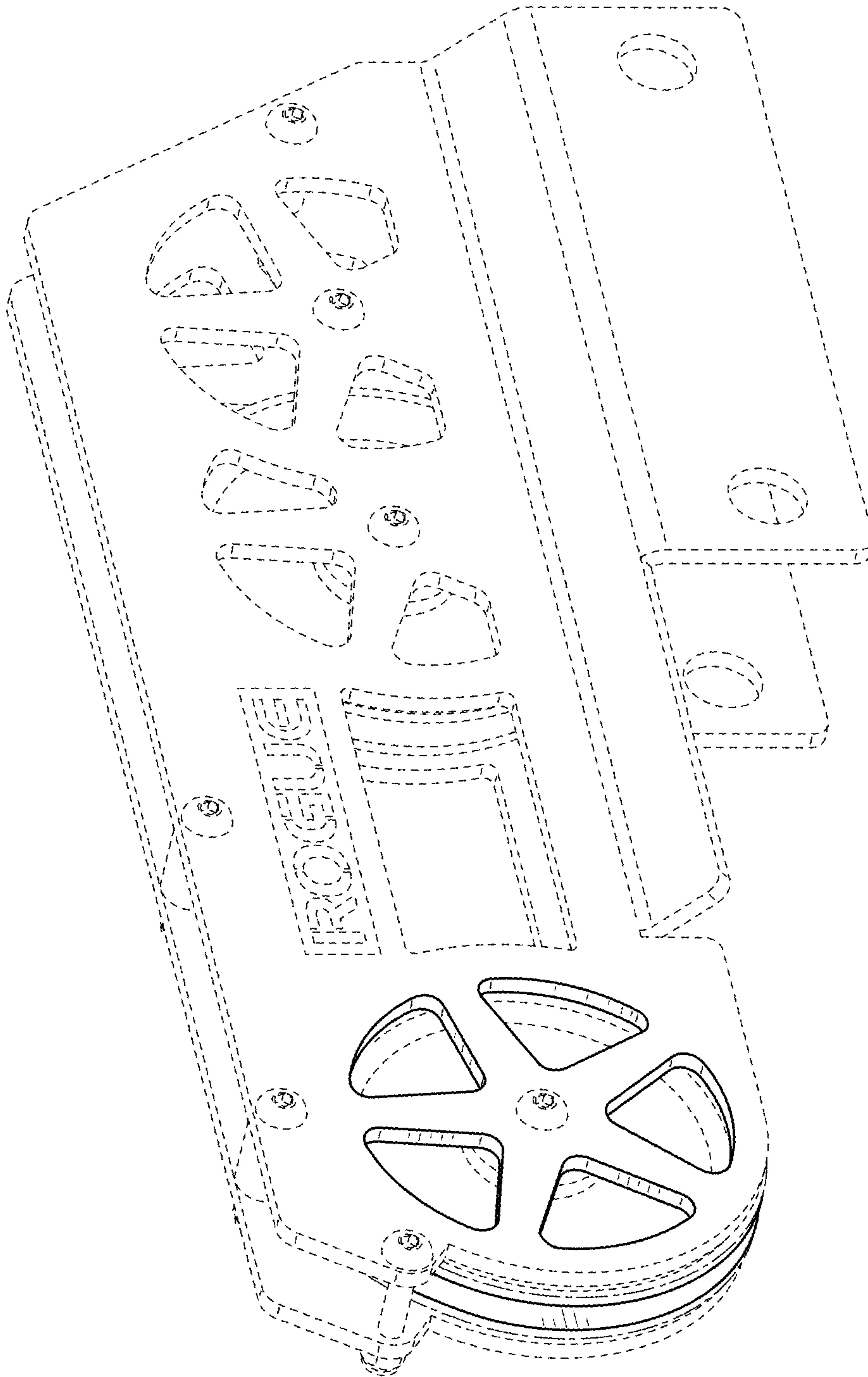


Fig. 1

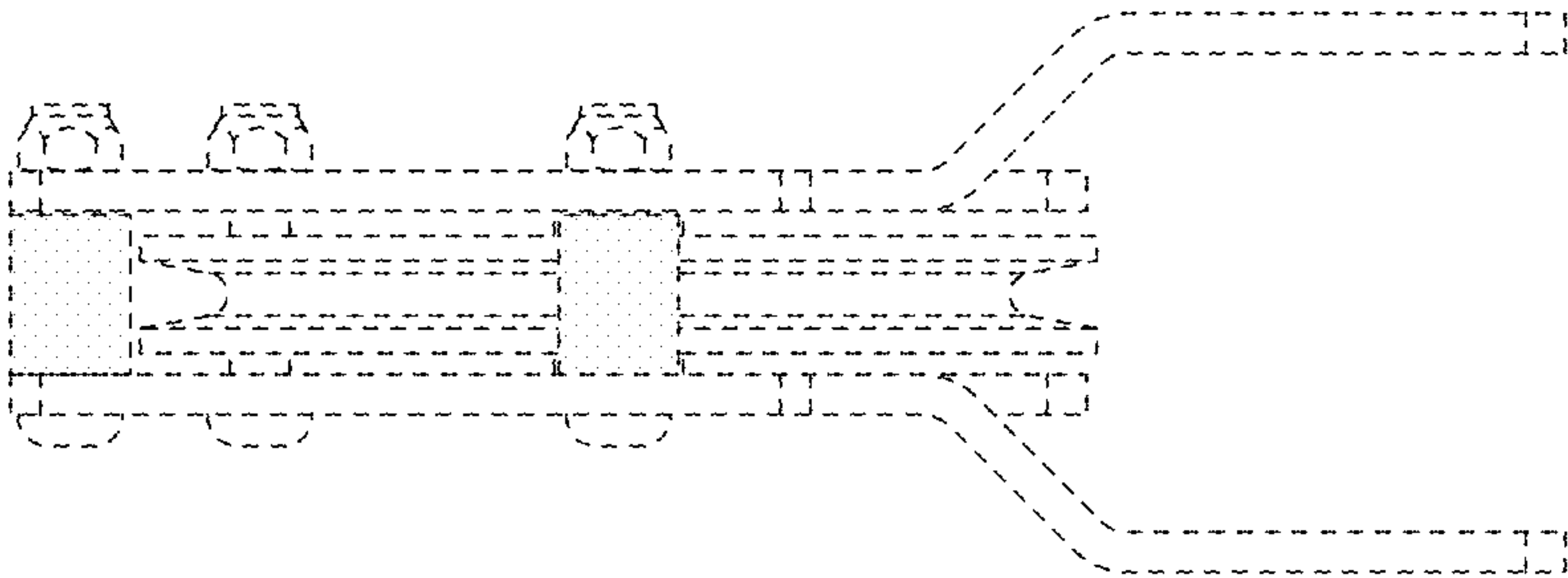


FIG. 3

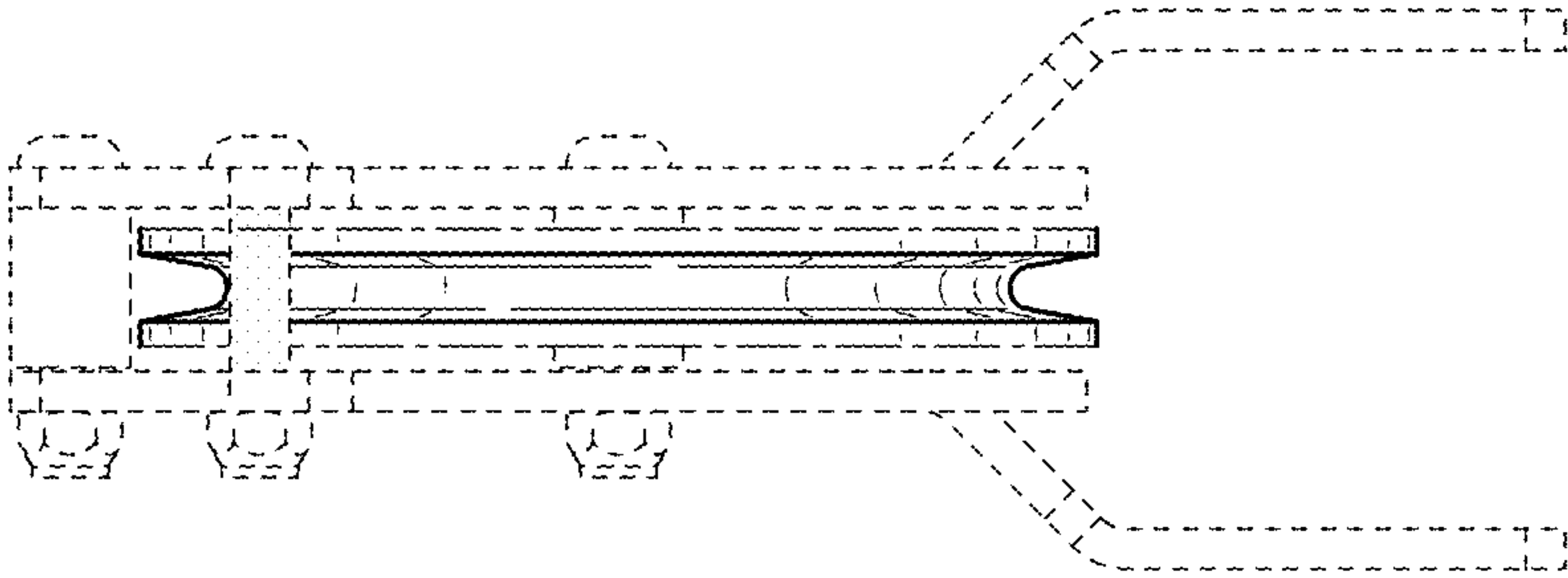


FIG. 2

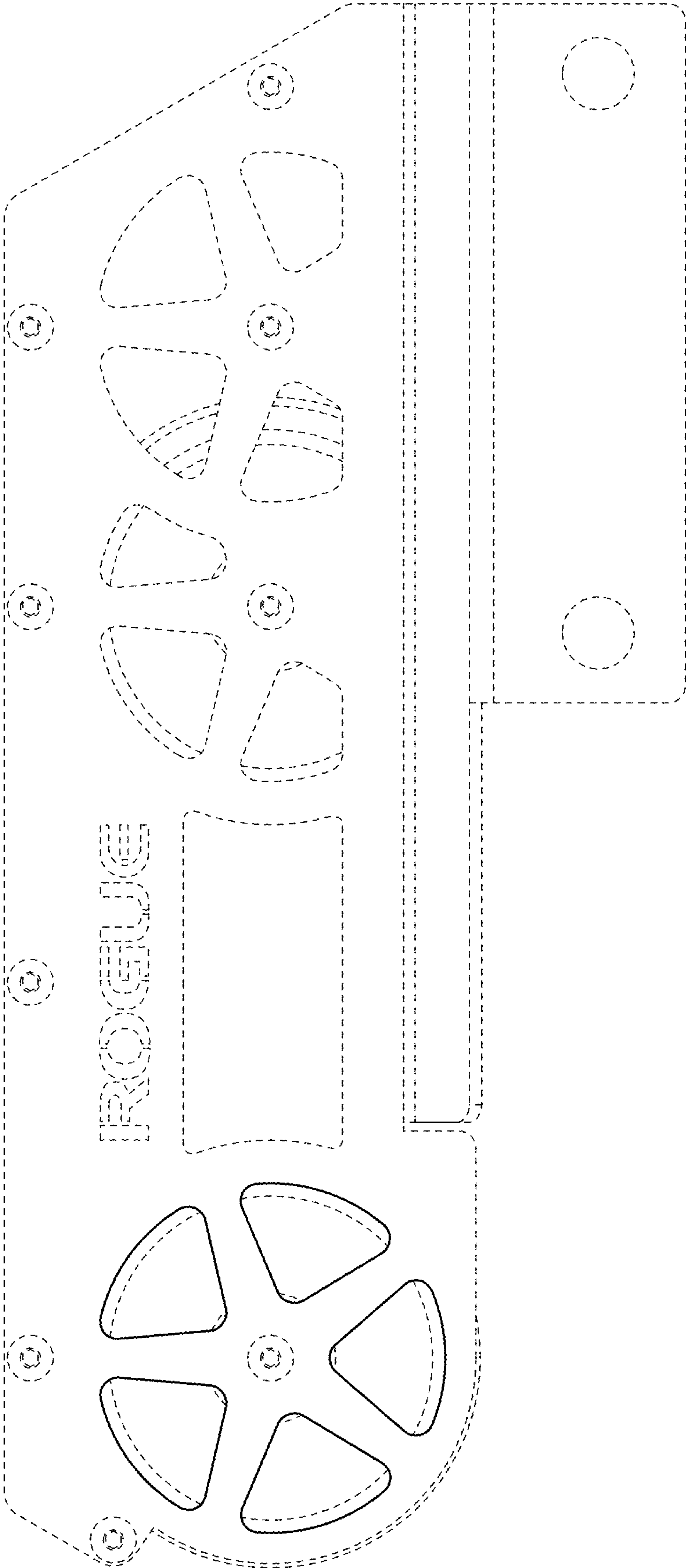


FIG. 4

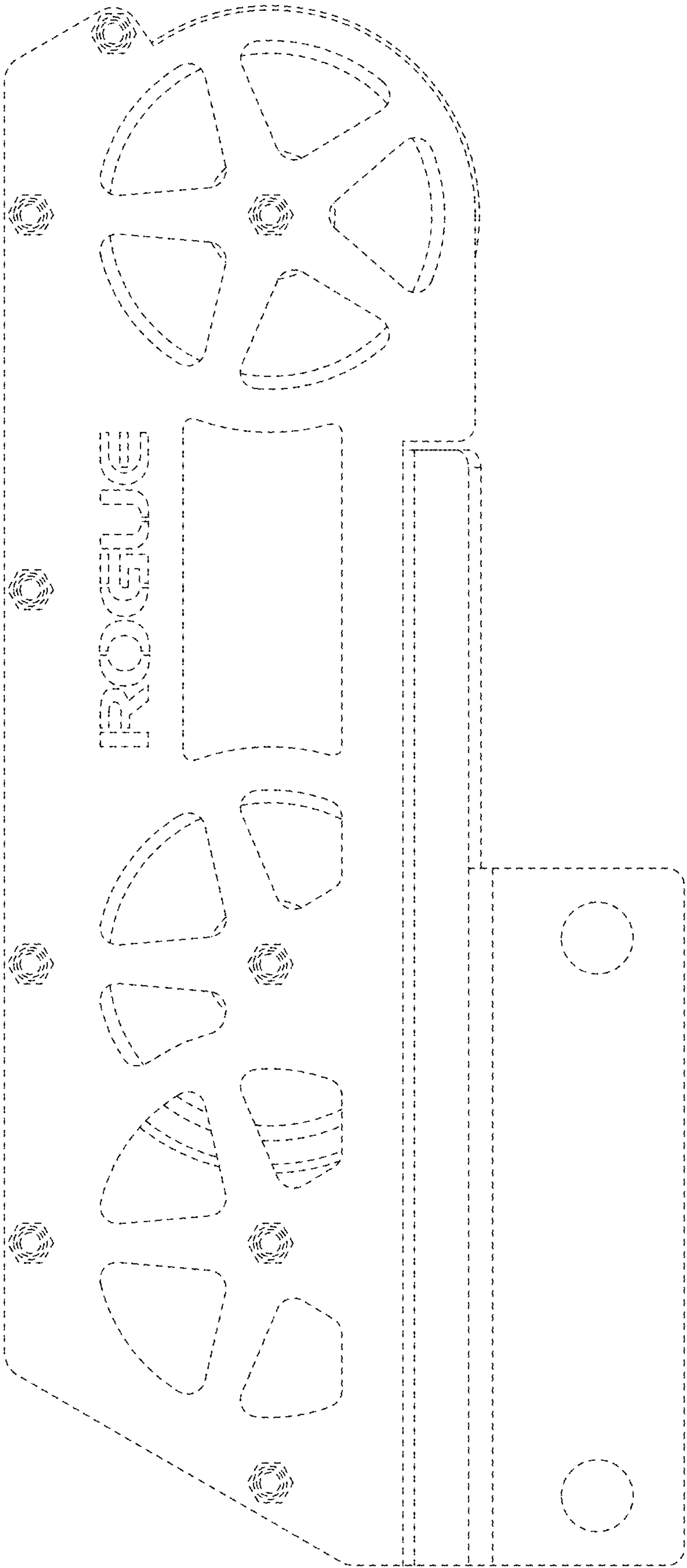


FIG. 5

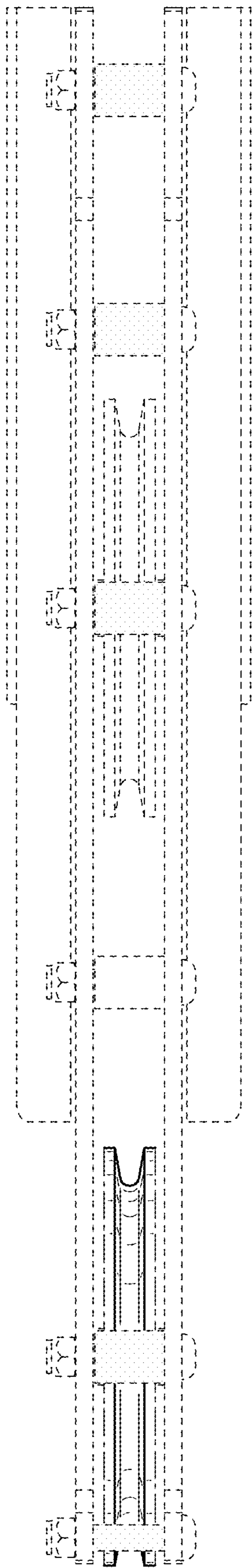


FIG. 6

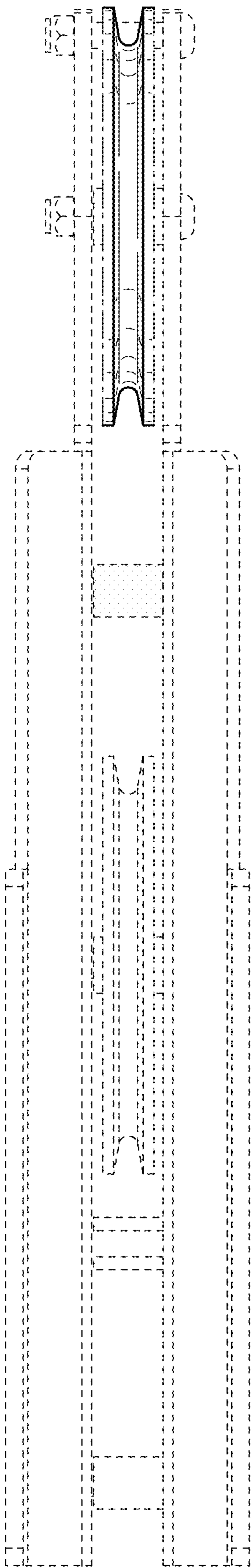


FIG. 7

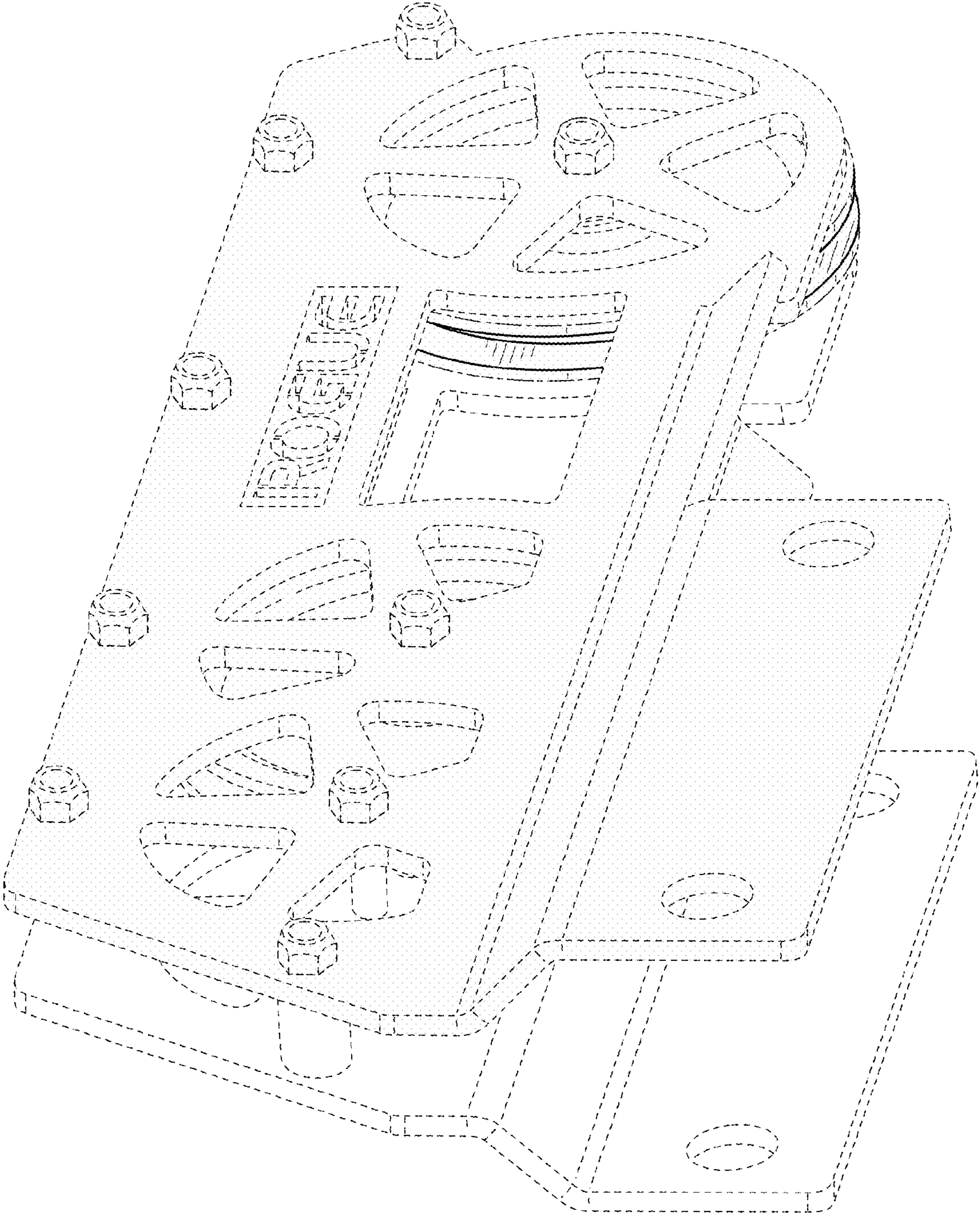


FIG. 8

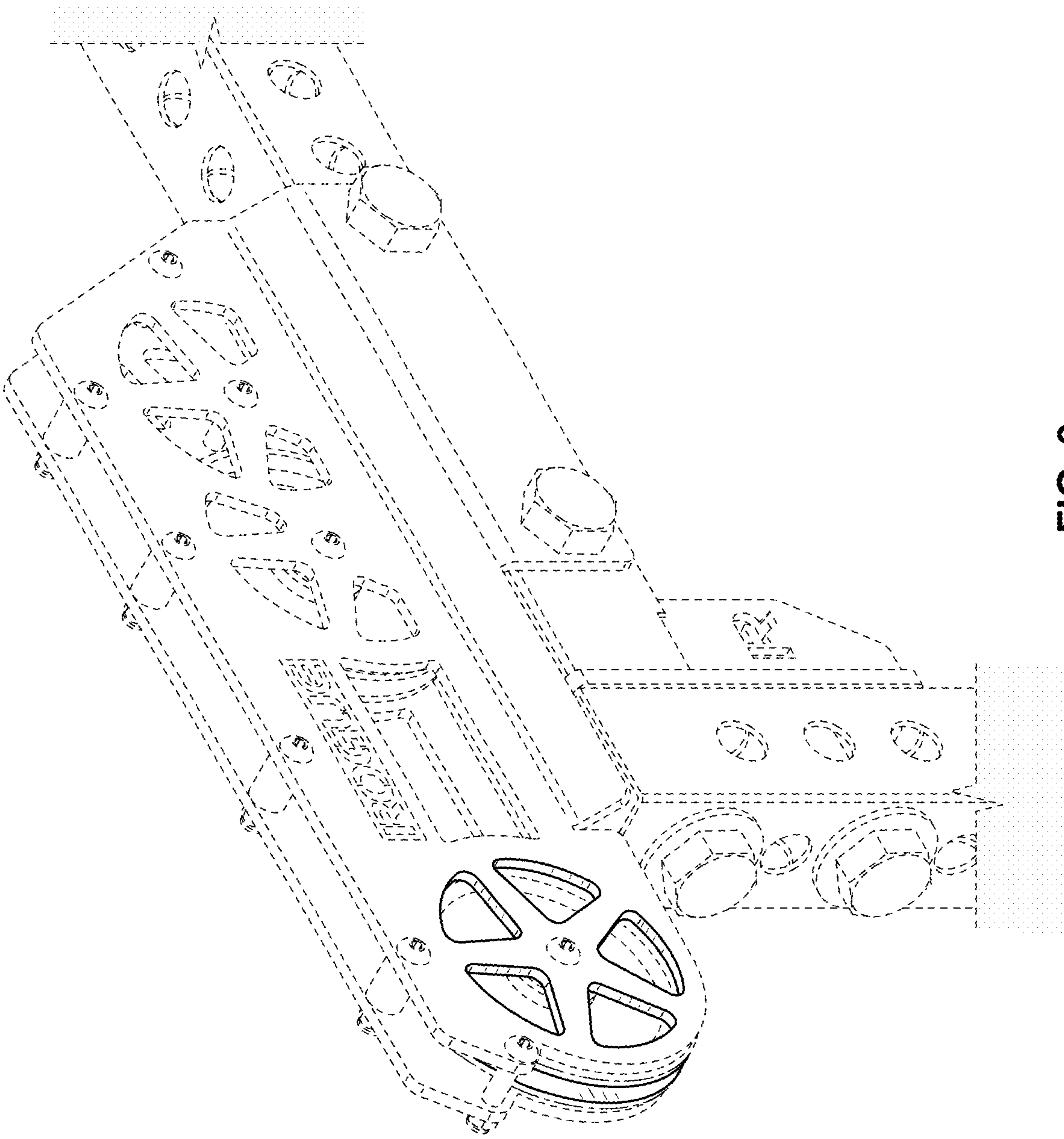


FIG. 9