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(12) **United States Design Patent**  
**Lovley, II et al.**

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(54) **ADJUSTABLE LOCKING LEG ASSEMBLY**

- (71) Applicant: **BRAVO SPORTS**, Santa Fe Springs, CA (US)
- (72) Inventors: **Jack B. Lovley, II**, Lake Forest, CA (US); **Mark Groenhuyzen**, Huntington Beach, CA (US); **Joseph C. Klingl**, Los Angeles, CA (US)
- (73) Assignee: **BRAVO SPORTS**, Santa Fe Springs, CA (US)

(\*\*) Term: **14 Years**

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(51) **LOC (10) Cl.** ..... **21-04**

(52) **U.S. Cl.**  
USPC ..... **D21/839**; D8/394

(58) **Field of Classification Search**

USPC ..... D21/839; D8/394, 396; 135/75, 96, 135/114, 120.2, 120.3, 121, 131, 140, 142, 135/145; 403/109.1, 109.3, 109.6; 248/74.3, 154, 218.4; 285/364, 365, 285/409

CPC ..... E04H 15/32; E04H 15/44; E04H 15/46; E04H 15/50; A45B 3/12; A45B 9/00; F16B 7/14; F16B 7/1454; F16L 23/06

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,238,646 A 8/1917 Dennis  
2,849,249 A 8/1958 Fridolph

(Continued)

**FOREIGN PATENT DOCUMENTS**

FR 532 496 A 2/1922

**OTHER PUBLICATIONS**

International Search Report; Application No. PCT/US2013/062364; Filed Sep. 27, 2013; Mailed Feb. 19, 2014.

*Primary Examiner* — Cynthia M Chin

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP

(57) **CLAIM**

The ornamental design for an adjustable locking leg assembly, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view showing a first side of an adjustable locking leg assembly having telescoping leg portions and a lock between the leg portions.

FIG. 2 is a perspective view showing a second side of the adjustable locking leg assembly of FIG. 1.

FIG. 3 is a front view of the adjustable locking leg assembly of FIG. 1.

FIG. 4 is a rear view of the adjustable locking leg assembly of FIG. 1.

FIG. 5 is a top view of the adjustable locking leg assembly of FIG. 1.

FIG. 6 is a bottom view of the adjustable locking leg assembly of FIG. 1.

FIG. 7 is a right side view of the adjustable locking leg assembly of FIG. 1.

FIG. 8 is a left side view of the adjustable locking leg assembly of FIG. 1.

FIG. 9 is a perspective view showing a first side of a lock of the adjustable locking leg assembly of FIG. 1.

FIG. 10 is a perspective view showing a second side of the lock of FIG. 9.

FIG. 11 is a front view of the lock of FIG. 9.

FIG. 12 is a rear view of the lock of FIG. 9.

FIG. 13 is a top view of the lock of FIG. 9.

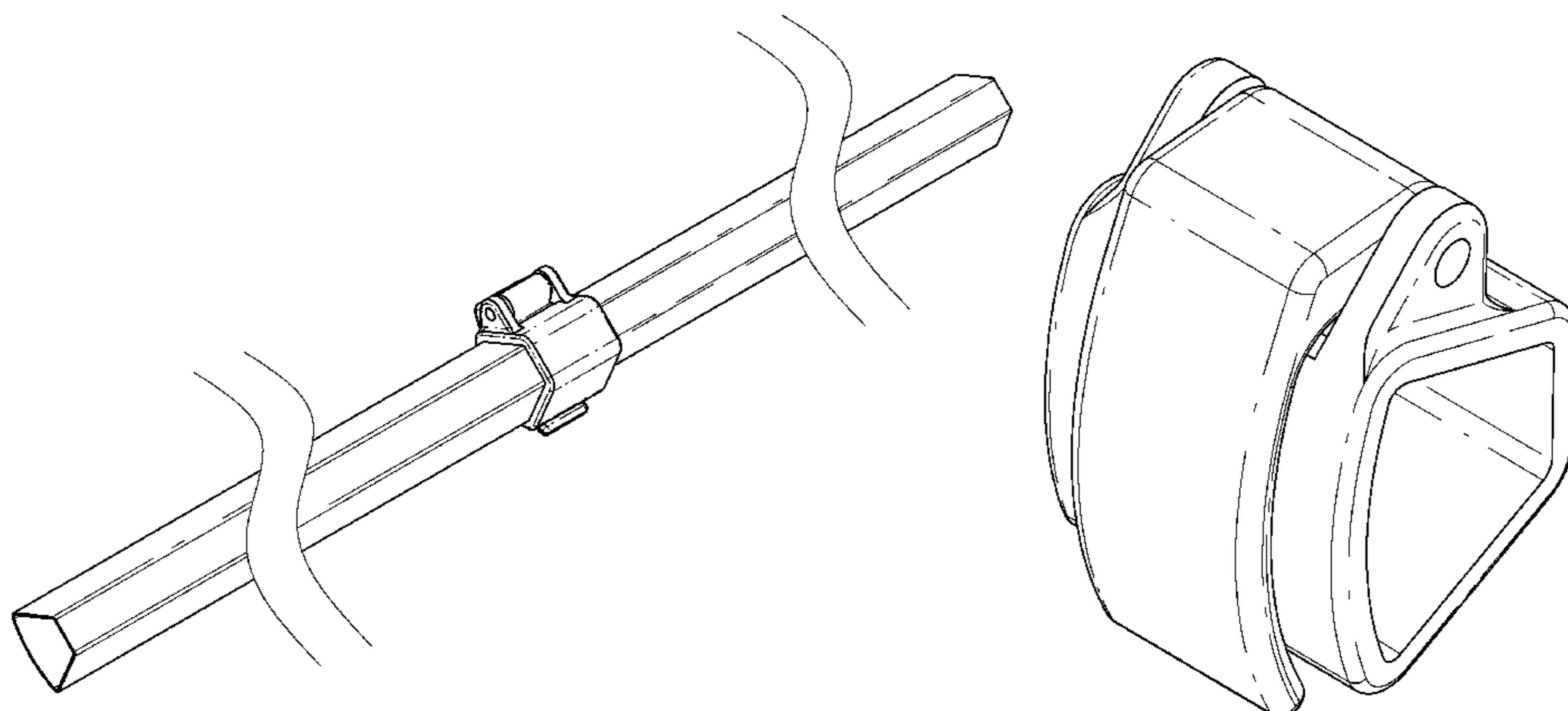
FIG. 14 is a bottom view of the lock of FIG. 9.

FIG. 15 is a left side view of the lock of FIG. 9; and,

FIG. 16 is a right side view of the lock of FIG. 9.

The broken away symbols in FIGS. 1-6 indicate the appearance of any portion of the leg between the break lines forms no part of the claimed design.

**1 Claim, 11 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

3,371,671 A	3/1968	Kirkham	7,494,296 B2	2/2009	Stahle
4,029,279 A	6/1977	Nakatani	RE40,657 E	3/2009	Suh
4,123,095 A *	10/1978	Stehlin ..... 285/409	7,637,276 B2	12/2009	Mallookis et al.
4,174,900 A	11/1979	Ina	7,673,643 B2	3/2010	Seo
4,573,717 A *	3/1986	Peacock ..... 285/365	7,703,469 B2	4/2010	Danziger
4,596,484 A	6/1986	Nakatani	7,735,504 B2	6/2010	Carter
4,761,092 A	8/1988	Nakatani	7,753,064 B2	7/2010	Sy-Facunda
4,932,622 A	6/1990	Hayakawa	7,757,916 B1	7/2010	Petrie et al.
5,154,449 A	10/1992	Suei-Long	7,775,229 B2	8/2010	Sy-Facunda
5,485,863 A	1/1996	Carter	7,784,480 B2	8/2010	Sy-Facunda
5,490,533 A	2/1996	Carter	7,806,381 B2	10/2010	Sisk Horne et al.
5,593,239 A	1/1997	Sallee	7,849,867 B2	12/2010	Takayama
5,632,292 A	5/1997	Carter	7,874,303 B2	1/2011	Xie
5,813,425 A	9/1998	Carter	7,921,864 B2	4/2011	Carter
5,934,301 A	8/1999	Carter	7,954,272 B2	6/2011	Potterfield et al.
6,000,175 A	12/1999	Gale et al.	7,967,259 B2	6/2011	Nakatani
6,035,877 A	3/2000	Losi, Jr. et al.	7,975,712 B2	7/2011	Beacco
6,070,604 A	6/2000	Carter	7,980,519 B2	7/2011	Chen
6,089,247 A	7/2000	Price	8,006,711 B2 *	8/2011	Pietrzak et al. .... 135/75
6,112,757 A	9/2000	Tseng	8,025,455 B2	9/2011	Huang et al.
6,129,102 A	10/2000	Carter	8,074,669 B2	12/2011	Collins et al.
6,142,699 A	11/2000	Pao	8,075,217 B2	12/2011	Eason
6,148,835 A	11/2000	Rhee	8,079,380 B2	12/2011	Engstrom et al.
6,179,514 B1	1/2001	Cheng	8,128,306 B2	3/2012	Gorza
6,230,729 B1	5/2001	Carter	8,162,280 B2	4/2012	Yu et al.
6,263,895 B1	7/2001	Bang	8,185,979 B2	5/2012	Hentschel
6,363,956 B2	4/2002	Carter	8,191,744 B2	6/2012	Petrie et al.
6,412,507 B1	7/2002	Carter	8,376,646 B2 *	2/2013	Melino et al. .... 403/109.3
6,508,262 B1	1/2003	Takayama	8,590,553 B2 *	11/2013	Lovley et al. .... 135/120.2
6,516,821 B1	2/2003	Uemura	8,608,118 B2 *	12/2013	Lai ..... 248/74.3
6,520,196 B2	2/2003	Carter	8,746,267 B2 *	6/2014	Lovley et al. .... 135/120.2
6,536,723 B1	3/2003	Nakatani	8,776,810 B2 *	7/2014	Lah et al. .... 135/75
6,551,226 B1	4/2003	Webber et al.	D712,730 S *	9/2014	Gridley ..... D8/396
6,575,656 B2	6/2003	Suh	2002/0030146 A1	3/2002	Akaike
6,591,849 B1	7/2003	Swetish et al.	2003/0090904 A1	5/2003	Ching
6,672,631 B1 *	1/2004	Weinhold ..... 285/409	2004/0101351 A1	5/2004	Pitcher
6,712,083 B2	3/2004	Carter	2005/0194030 A1	9/2005	Goldwitz
6,837,642 B1	1/2005	Lin	2005/0205124 A1	9/2005	Goldwitz
6,908,249 B2	6/2005	Tomm	2006/0051159 A1	3/2006	Tsai
6,913,231 B2	7/2005	Speggiorin	2006/0062632 A1	3/2006	Jang
6,981,510 B2	1/2006	Carter	2006/0169311 A1	8/2006	Hwang
7,040,832 B2	5/2006	Hsieh	2007/0012346 A1	1/2007	Choi
7,066,676 B2	6/2006	Tsai	2007/0204897 A1	9/2007	Habib et al.
7,097,380 B2	8/2006	Lee	2008/0035194 A1	2/2008	Goldwitz
7,240,687 B2	7/2007	Carter	2008/0087313 A1	4/2008	Jang
7,261,263 B2 *	8/2007	Baker et al. .... 248/218.4	2008/0121260 A1 *	5/2008	Stephens et al. .... 135/75
7,293,934 B1	11/2007	Huang	2009/0087251 A1	4/2009	Chen
7,296,584 B2	11/2007	Goldwitz	2010/0064739 A1	3/2010	Lu
7,302,745 B2	12/2007	Stahle	2010/0101617 A1	4/2010	Stehly
7,373,708 B2	5/2008	Stahle et al.	2010/0269877 A1	10/2010	Sy-Facunda
7,380,563 B2	6/2008	Seo	2011/0023925 A1	2/2011	Johnson et al.
7,395,830 B2	7/2008	Seo	2011/0240078 A1 *	10/2011	Lenhart et al. .... 135/75
7,409,963 B2	8/2008	Mallookis et al.	2011/0274481 A1	11/2011	Chen
7,422,026 B2	9/2008	Kim	2012/0006373 A1	1/2012	Stehly
7,481,236 B2	1/2009	Carter	2012/0034023 A1	2/2012	Wang et al.
			2012/0107037 A1	5/2012	Huang
			2012/0146354 A1	6/2012	Lofley, Sr. et al.

\* cited by examiner

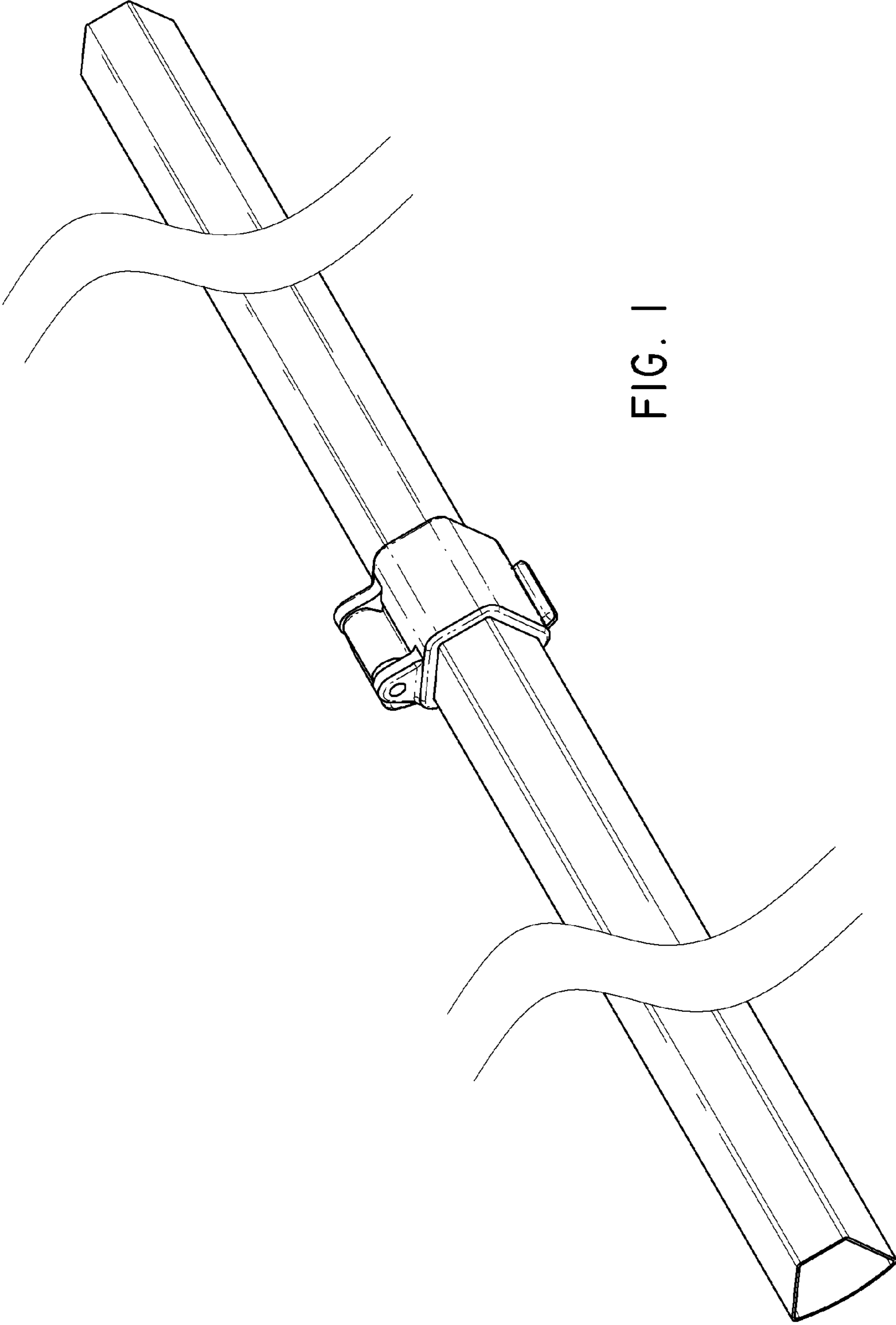


FIG. 1

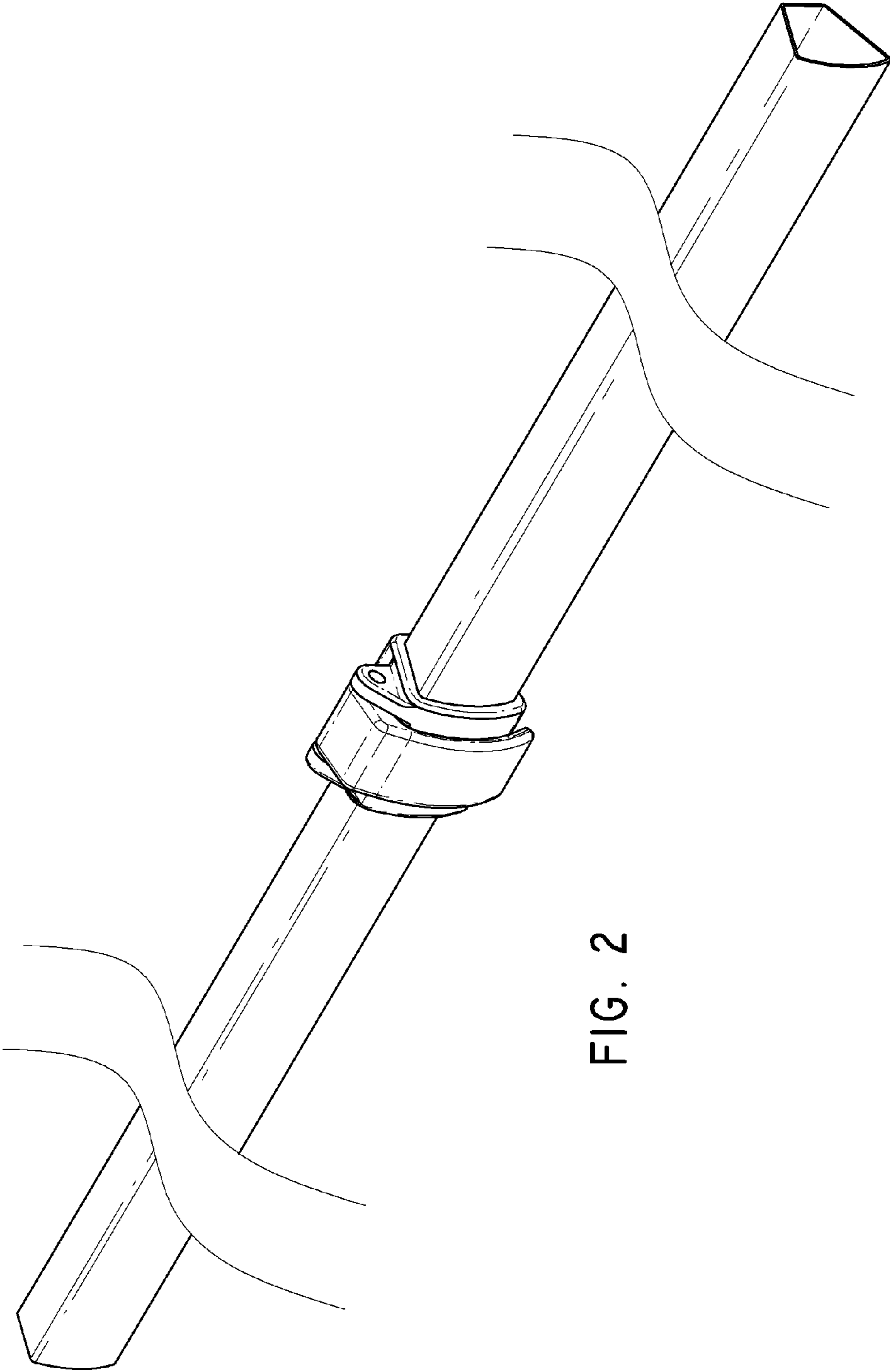


FIG. 2

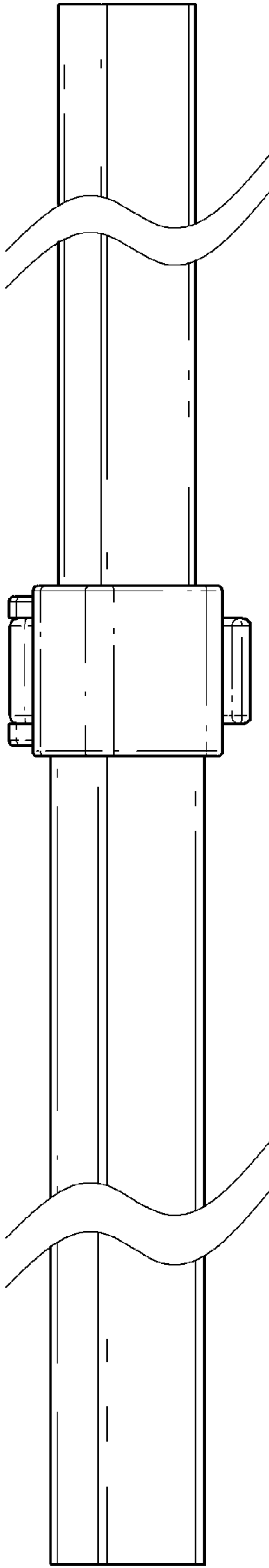


FIG. 3

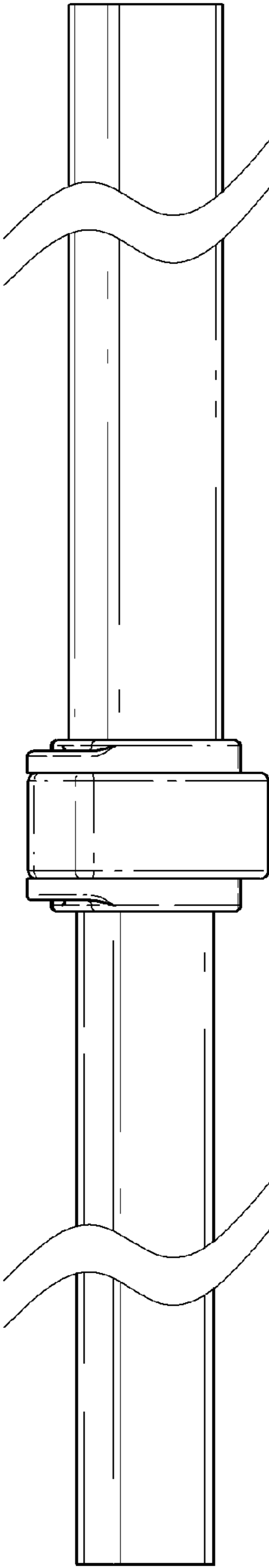


FIG. 4

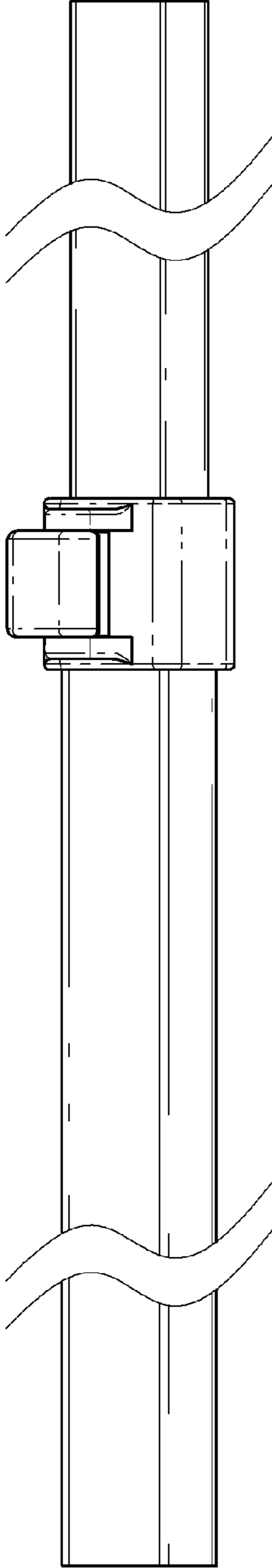


FIG. 5

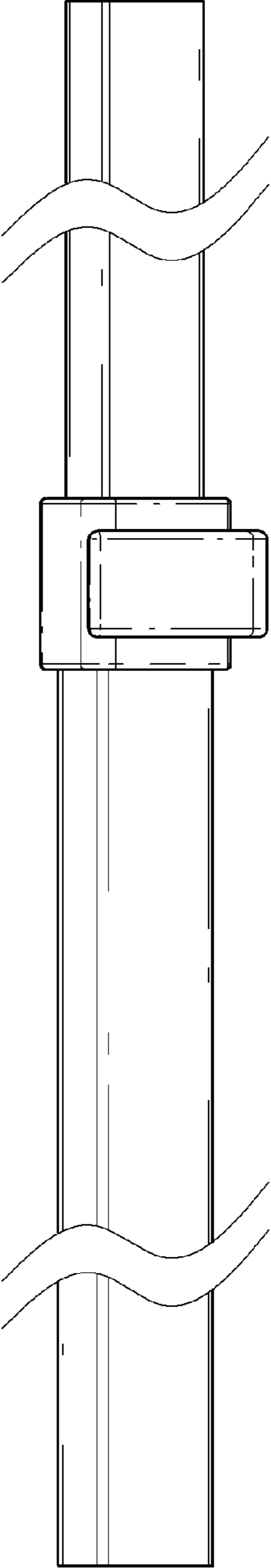


FIG. 6

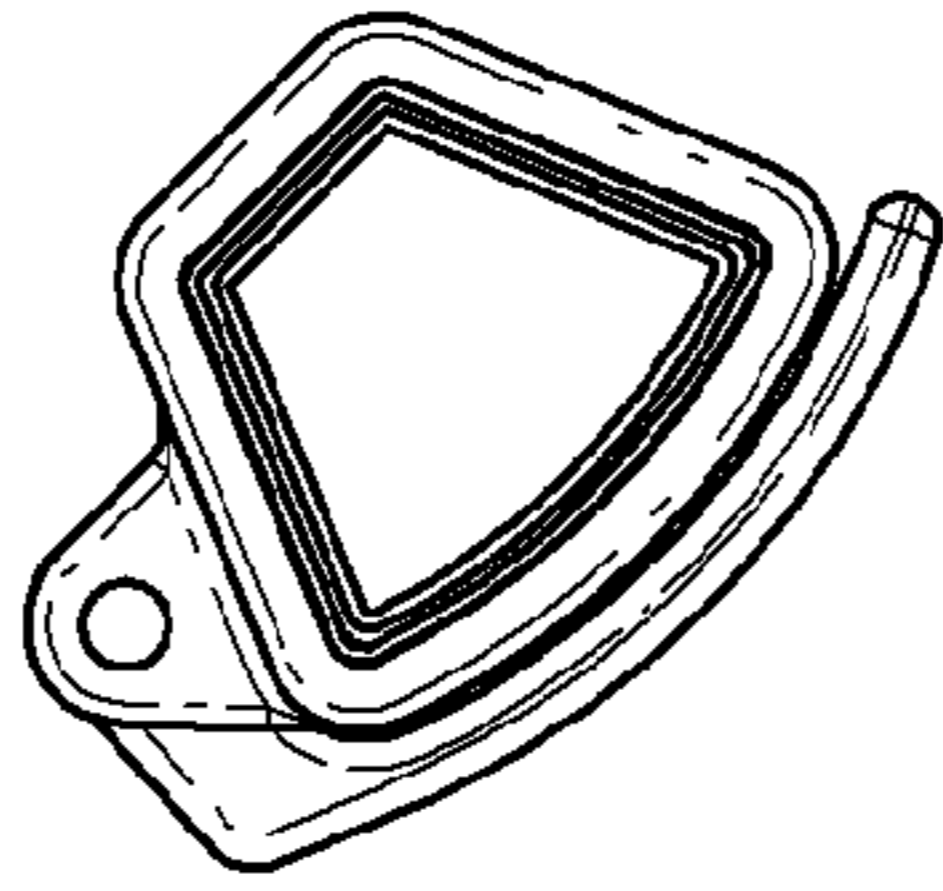


FIG. 8

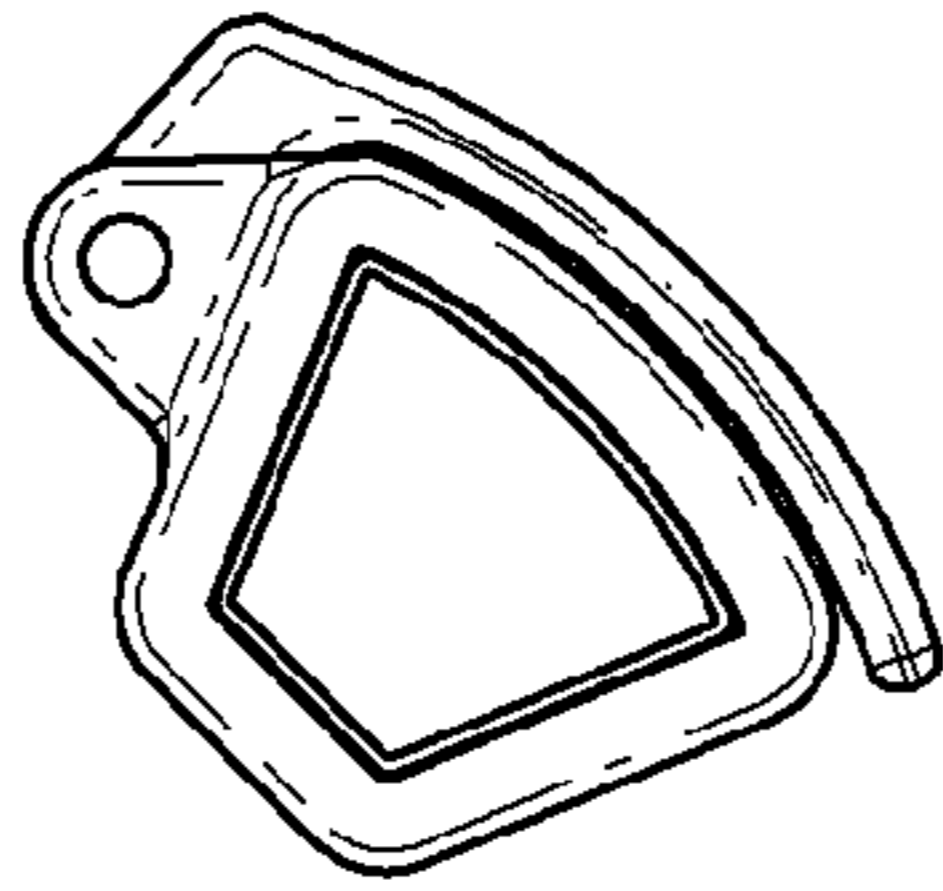
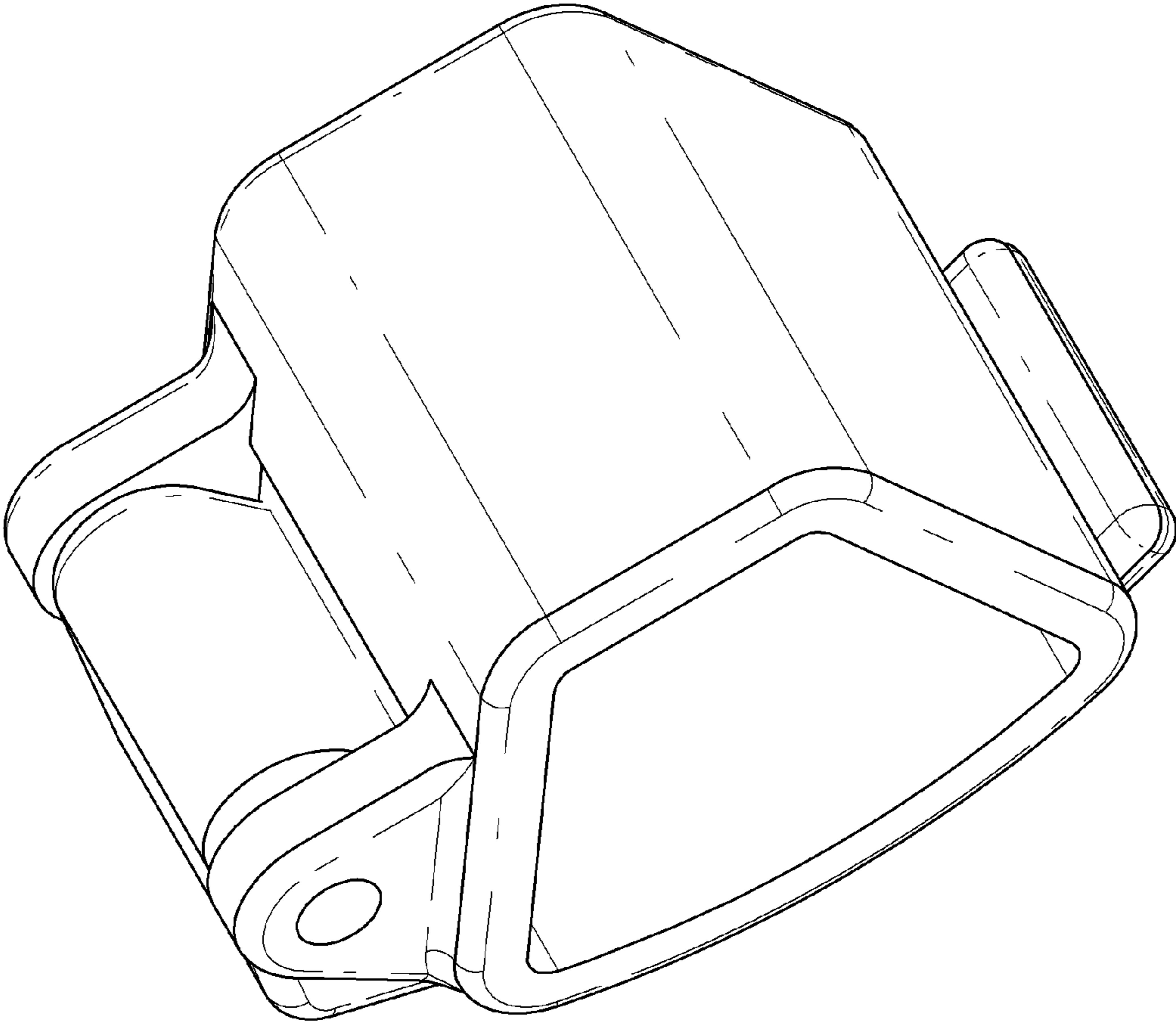


FIG. 7

FIG. 9





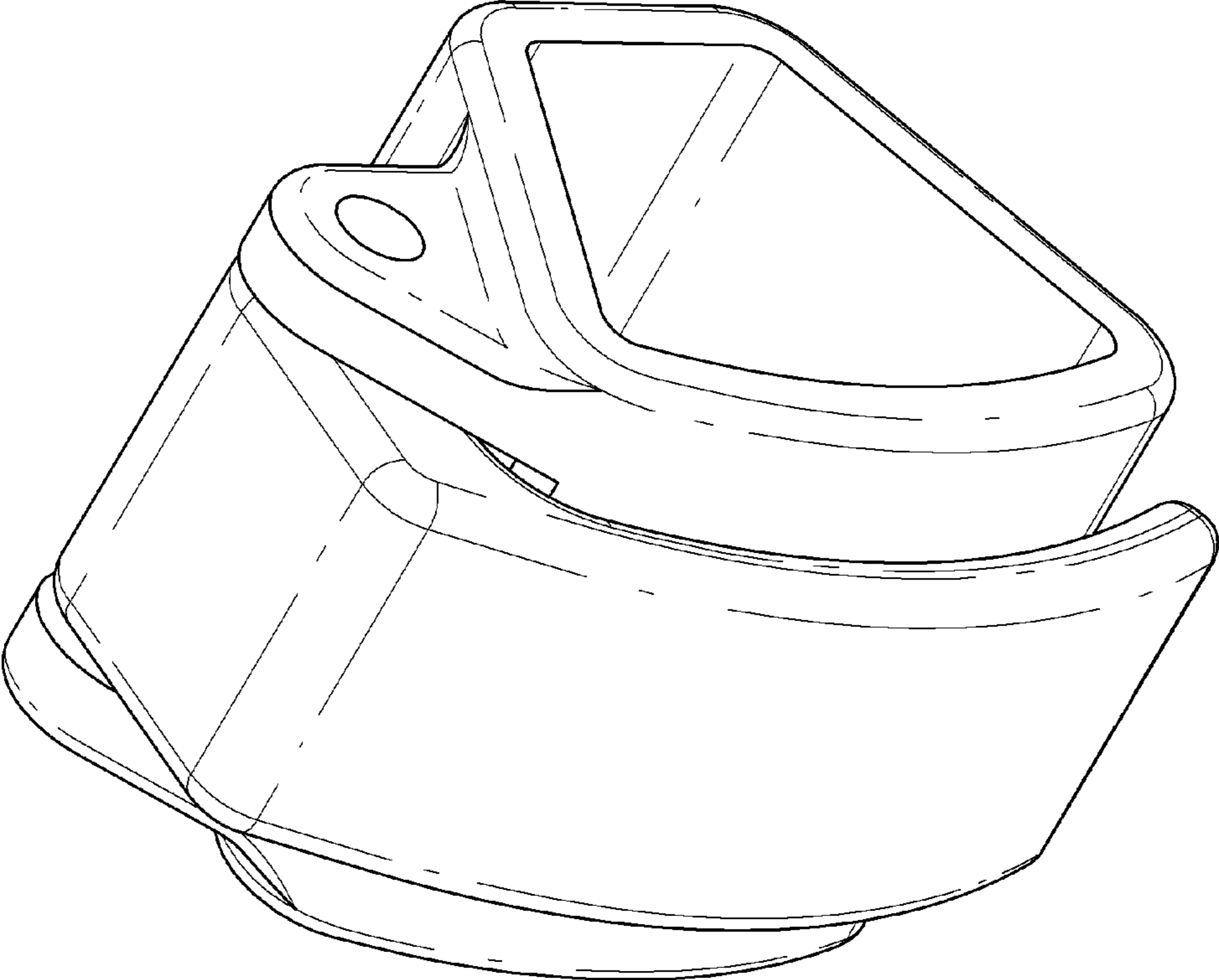


FIG. 10

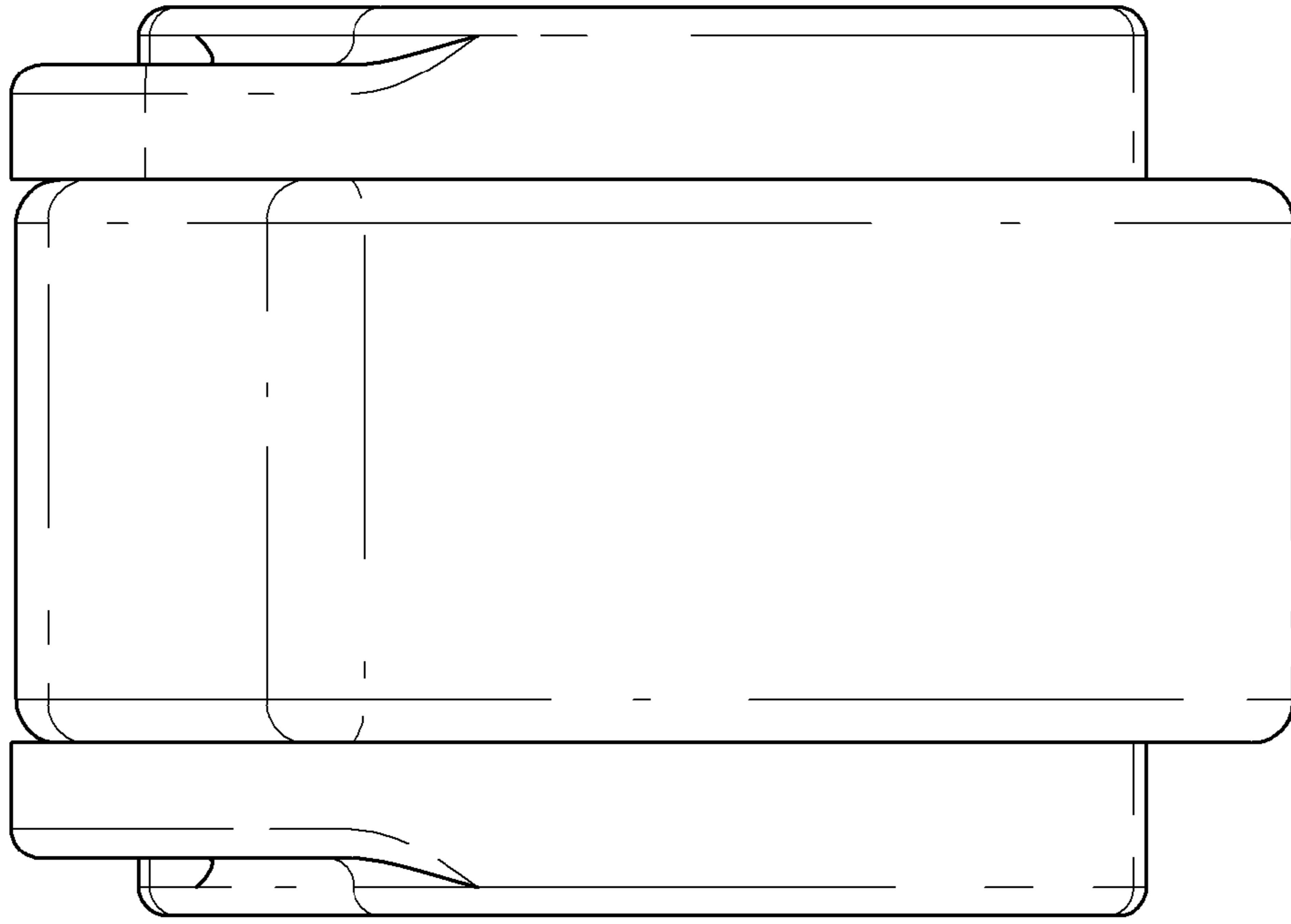


FIG. 12

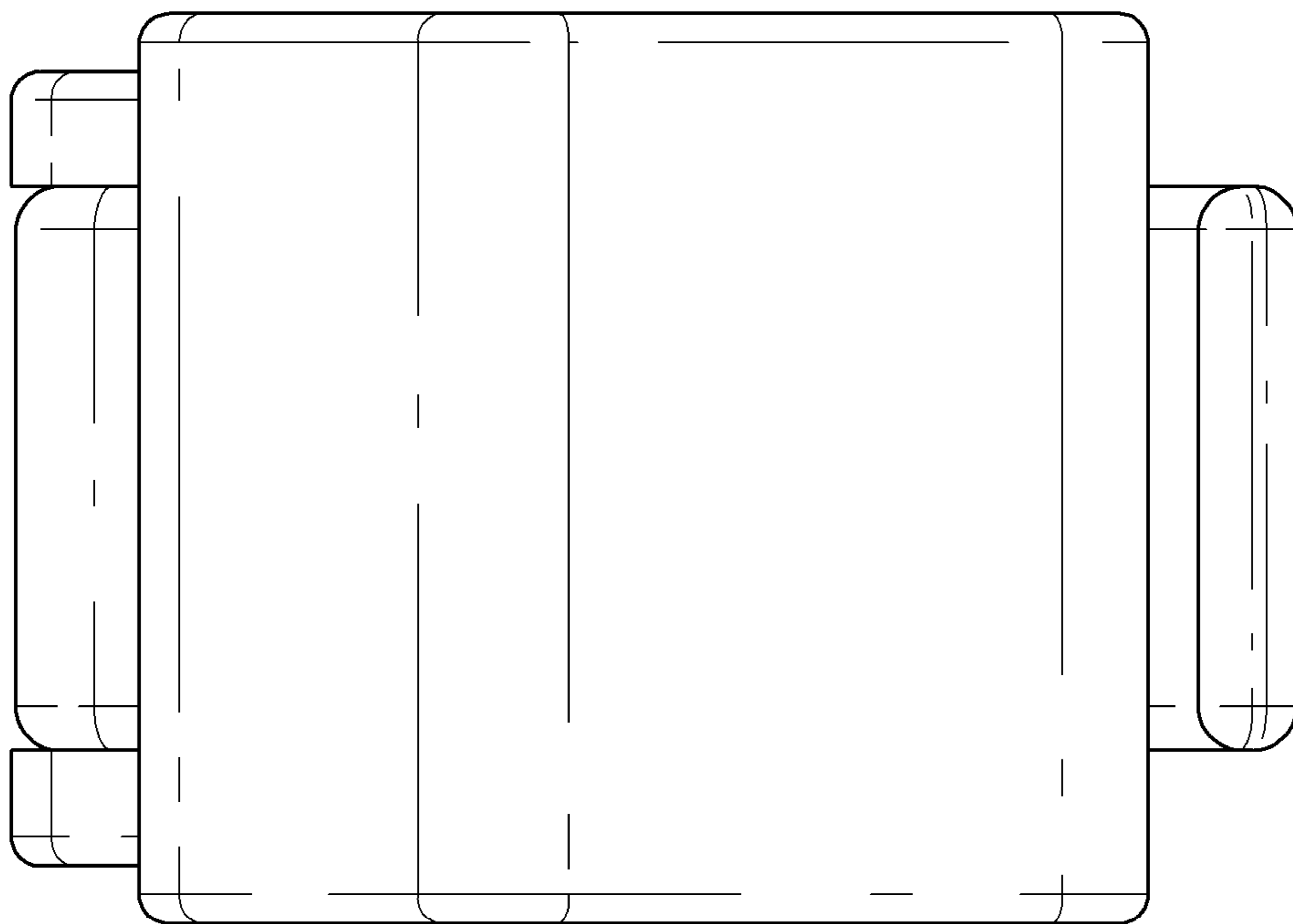


FIG. 11

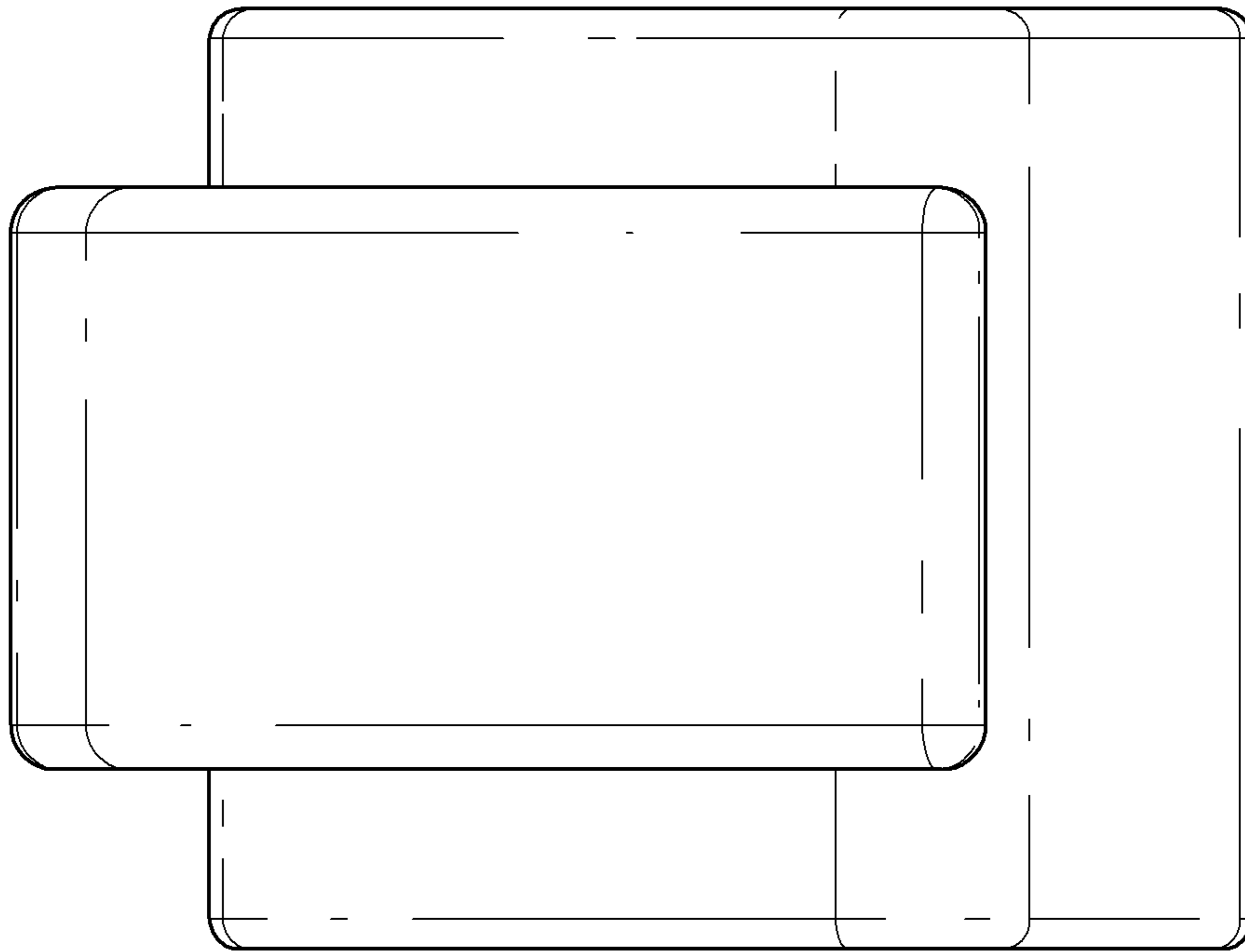


FIG. 14

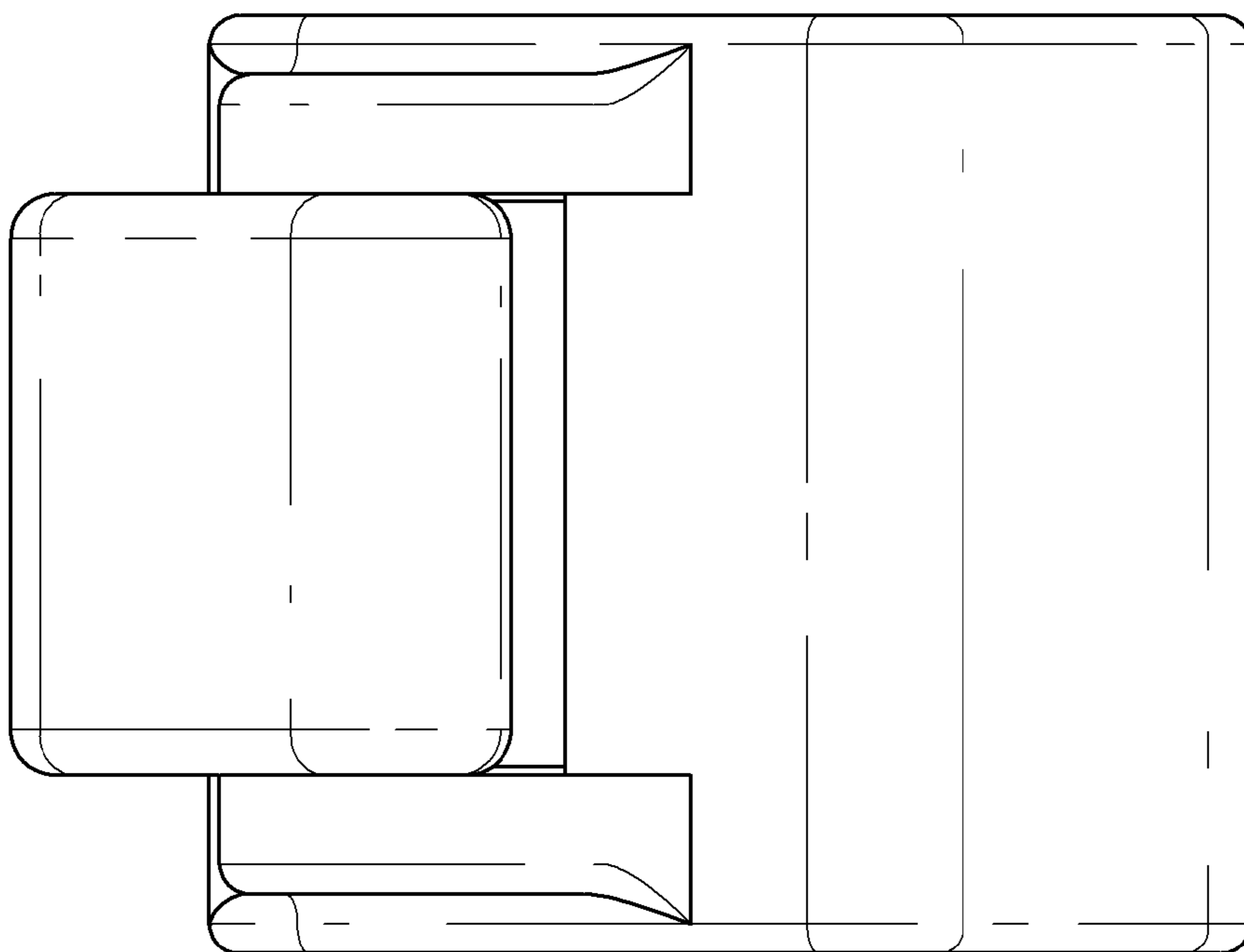


FIG. 13

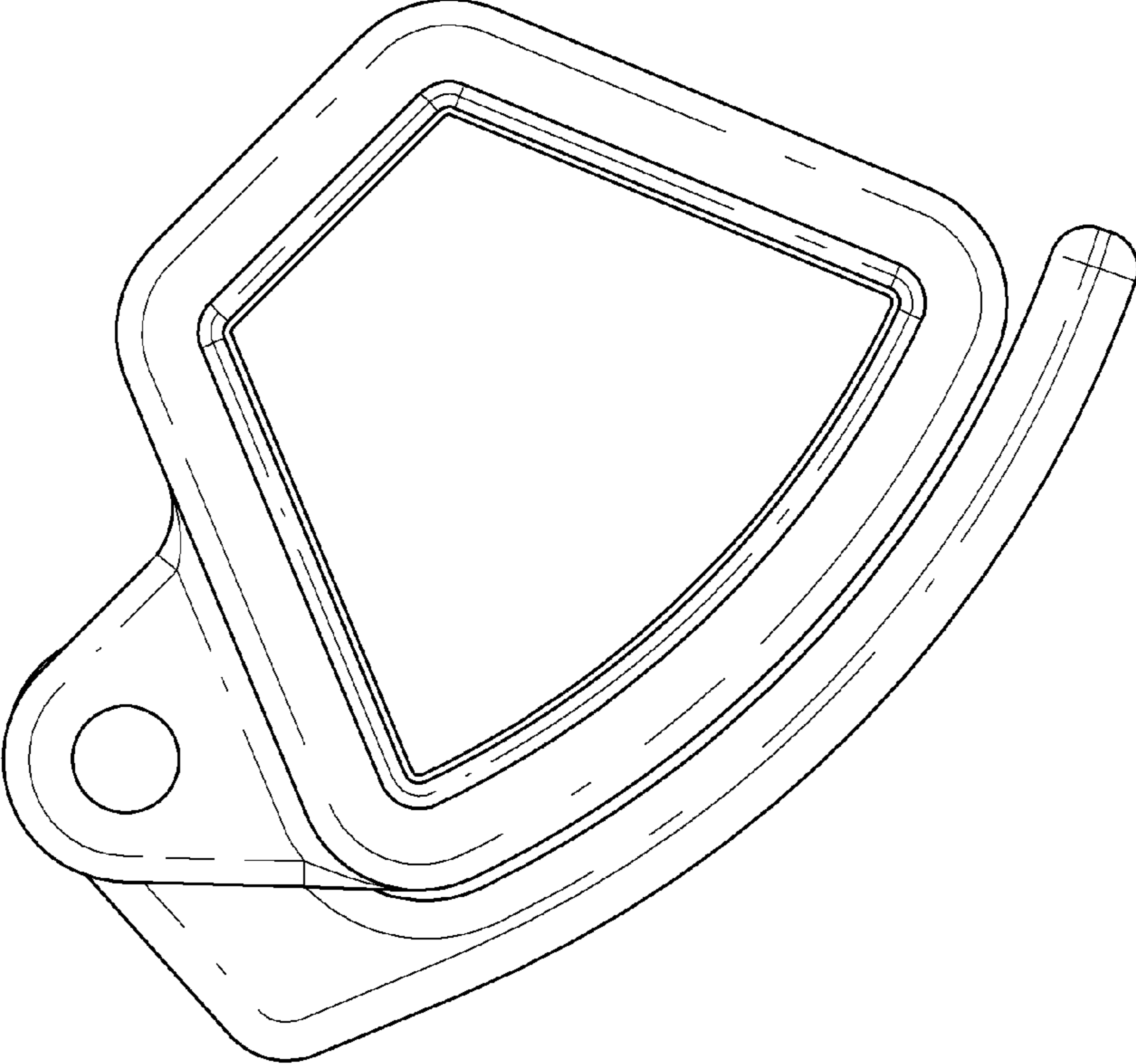


FIG. 15

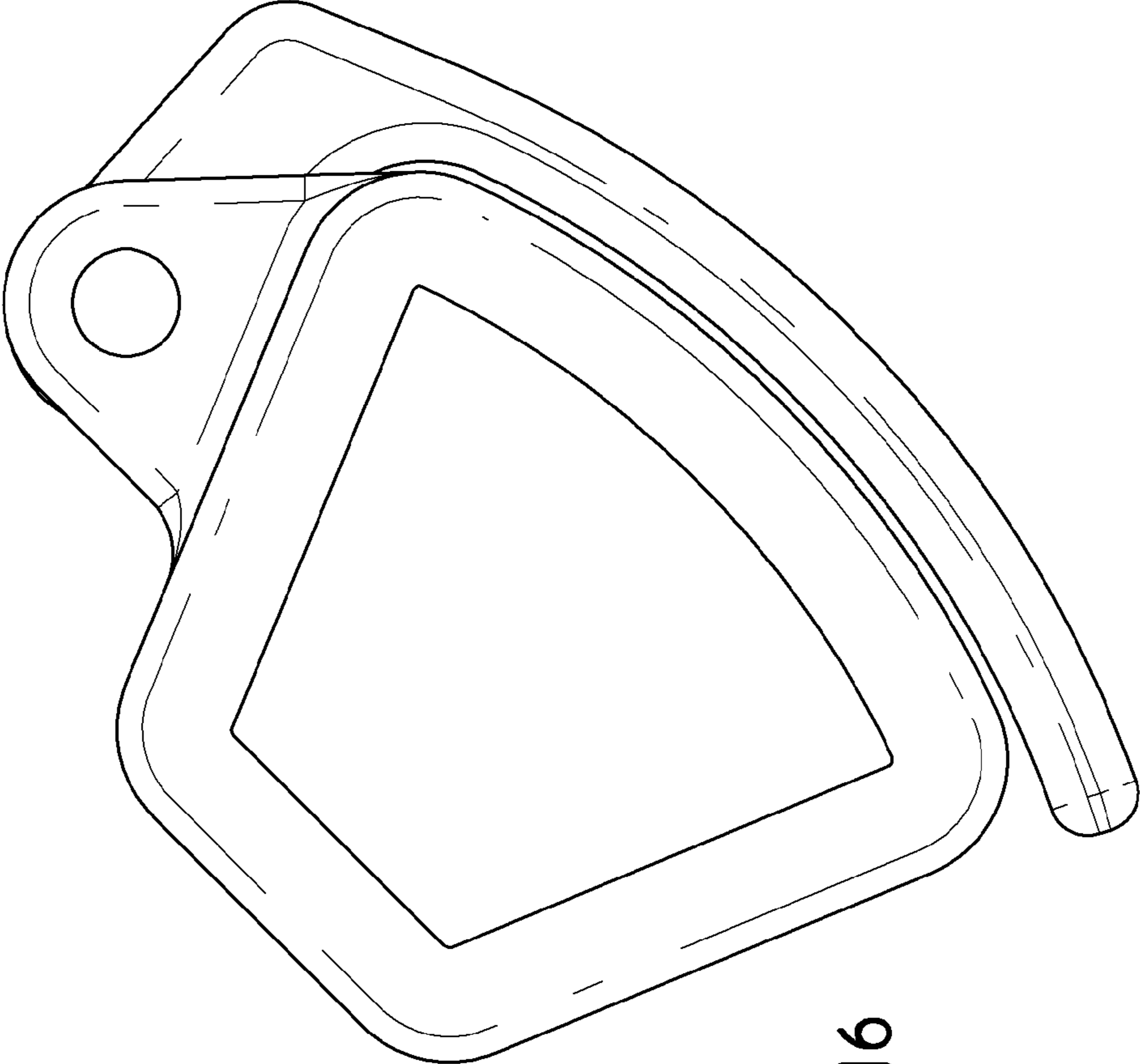


FIG. 16