



US00D820203S

(12) **United States Design Patent** (10) **Patent No.:** **US D820,203 S**
Urschel et al. (45) **Date of Patent:** **** Jun. 12, 2018**

(54) **PORTABLE GROUND POWER UNIT**

(71) Applicant: **Aviation Battery Systems, LLC**,
Scottsdale, AZ (US)

(72) Inventors: **Scott Urschel**, Chandler, AZ (US);
Todd Petersen, Chandler, AZ (US)

(73) Assignee: **Aviation Battery Systems LLC**,
Scottsdale, AZ (US)

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

(21) Appl. No.: **29/616,853**

(22) Filed: **Sep. 8, 2017**

Related U.S. Application Data

(60) Division of application No. 29/534,480, filed on Jul.
29, 2015, which is a continuation of application No.
13/750,295, filed on Jan. 25, 2013.

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**

USPC **D13/103; D13/108**

(58) **Field of Classification Search**

USPC D13/102–106, 110, 118–119, 184;
D14/356, 432

CPC Y02E 60/12; Y02E 60/122; Y02E 60/124;
Y02E 60/50; H01M 2/02; H01M 2/022;
H01M 2/0202; H01M 2/0207; H01M
2/0212; H01M 2/1061; H01M 2/1022;
H01M 2/1055; H01M 2/1066; H01M
2/105; H01M 2/204; H01M 2/1016;
H01M 2200/00; H01M 10/4257; H01M
10/0436; H01M 10/48; H01M 10/42

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,950,688 A 7/1976 Sancey et al.
4,059,123 A 11/1977 Bartos et al.

4,300,087 A 11/1981 Meisner
D269,088 S 5/1983 Genaro et al.
5,151,865 A 9/1992 Blessing et al.
5,686,815 A 11/1997 Reipur et al.
5,764,469 A 6/1998 Siepian et al.
5,899,411 A 5/1999 Latos et al.
5,982,138 A 11/1999 Krieger
6,121,757 A 9/2000 Takahashi et al.
D432,493 S 10/2000 Killebrew et al.
6,140,797 A 10/2000 Dunn
6,160,373 A 12/2000 Dunn et al.
6,356,061 B1 3/2002 Perillo
6,384,573 B1 5/2002 Dunn
6,469,512 B2 10/2002 Singh et al.
6,493,217 B1 12/2002 Jenkins, Jr.
6,498,491 B2 12/2002 Plow et al.
6,664,762 B2 12/2003 Kutkut
6,741,065 B1 5/2004 Ishii et al.
6,803,746 B2 10/2004 Aker et al.

(Continued)

Primary Examiner — Rosemary K Tarcza

Assistant Examiner — Nathaniel D. Buckner

(74) *Attorney, Agent, or Firm* — IPTechLaw

(57)

CLAIM

The ornamental design for a portable ground power unit, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a portable ground power unit;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a back elevation view thereof;

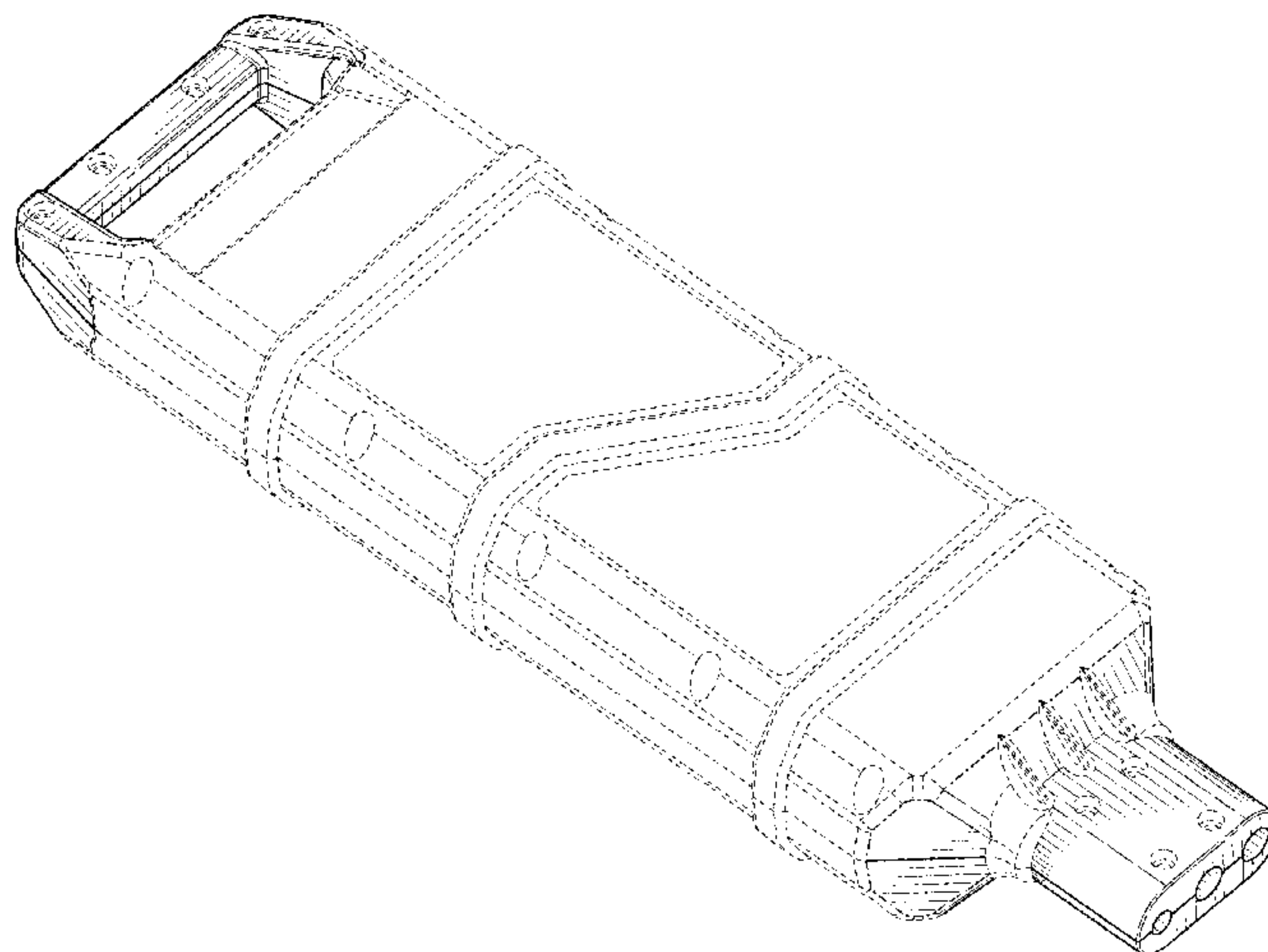
FIG. 4 is a right side elevation view thereof;

FIG. 5 is a left side elevation view thereof; and,

FIG. 6 is a top plan view thereof.

The broken lines in the drawings are included for the purpose of illustrating portions of the article that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,999,322 B1 *	2/2006	Lin	.....	G06K 19/07732			
				361/733			
D521,446 S	5/2006	Liu					
7,161,253 B2	1/2007	Sodemann et al.					
D537,819 S	3/2007	Zhao et al.					
7,199,555 B2	4/2007	Hung					
D583,756 S *	12/2008	Walsh	.....	D13/103			
7,564,223 B2	7/2009	Krieger et al.					
7,717,739 B2 *	5/2010	Hawkins	.....	H01R 31/06			
				439/503			
7,928,735 B2	4/2011	Huang et al.					
7,989,980 B2	8/2011	Blackman					
8,015,661 B2 *	9/2011	Baer	.....	A47L 5/365			
				15/327.5			
D650,737 S	12/2011	Hamilton					
D675,630 S	2/2013	Ni et al.					
8,446,127 B2	5/2013	Yazami et al.					
D686,987 S *	7/2013	Vanstone	.....	D13/108			
8,545,256 B2	10/2013	Huffman et al.					
D694,176 S	11/2013	Buetow et al.					
D695,219 S	12/2013	Dasbach					
8,638,011 B2	1/2014	Robinson et al.					
8,860,250 B2	10/2014	Salcone					
D721,035 S	1/2015	Dasbach					
8,935,011 B2	1/2015	Tischer					
D722,021 S	2/2015	Dasbach					
D724,013 S	3/2015	Zsolcsak et al.					
D737,769 S *	9/2015	Zsolcsak	.....	D13/119			
D745,874 S *	12/2015	Huang	.....	D14/480.1			
9,263,907 B2	2/2016	Richardson et al.					
9,368,269 B2	6/2016	Chen et al.					
9,408,318 B2 *	8/2016	Fletcher	.....	H05K 5/0278			
D768,567 S *	10/2016	Caubel	.....	D13/103			
D772,806 S *	11/2016	Ritterling	.....	B25F 5/02			
				D13/103			
9,572,397 B2 *	2/2017	Zsolcsak	.....	A43B 7/34			
D786,264 S	5/2017	Lin et al.					
D805,079 S *	12/2017	Han	.....	D14/426			
2001/0000212 A1	4/2001	Reipur et al.					
2003/0011245 A1	1/2003	Fiebig					
2003/0090239 A1	5/2003	Sakakibara					
2005/0110467 A1	5/2005	Thomason					
2007/0063675 A1	3/2007	Walline et al.					
2007/0080586 A1	4/2007	Busick					
2007/0252559 A1	11/2007	Uhl					
2008/0064265 A1 *	3/2008	Sterling	.....	B29C 45/16			
				439/660			
2008/0071483 A1	3/2008	Eaves					
2008/0211452 A1	9/2008	Blackman					
2012/0321936 A1	12/2012	Song					
2013/0009469 A1	1/2013	Gillett					

* cited by examiner

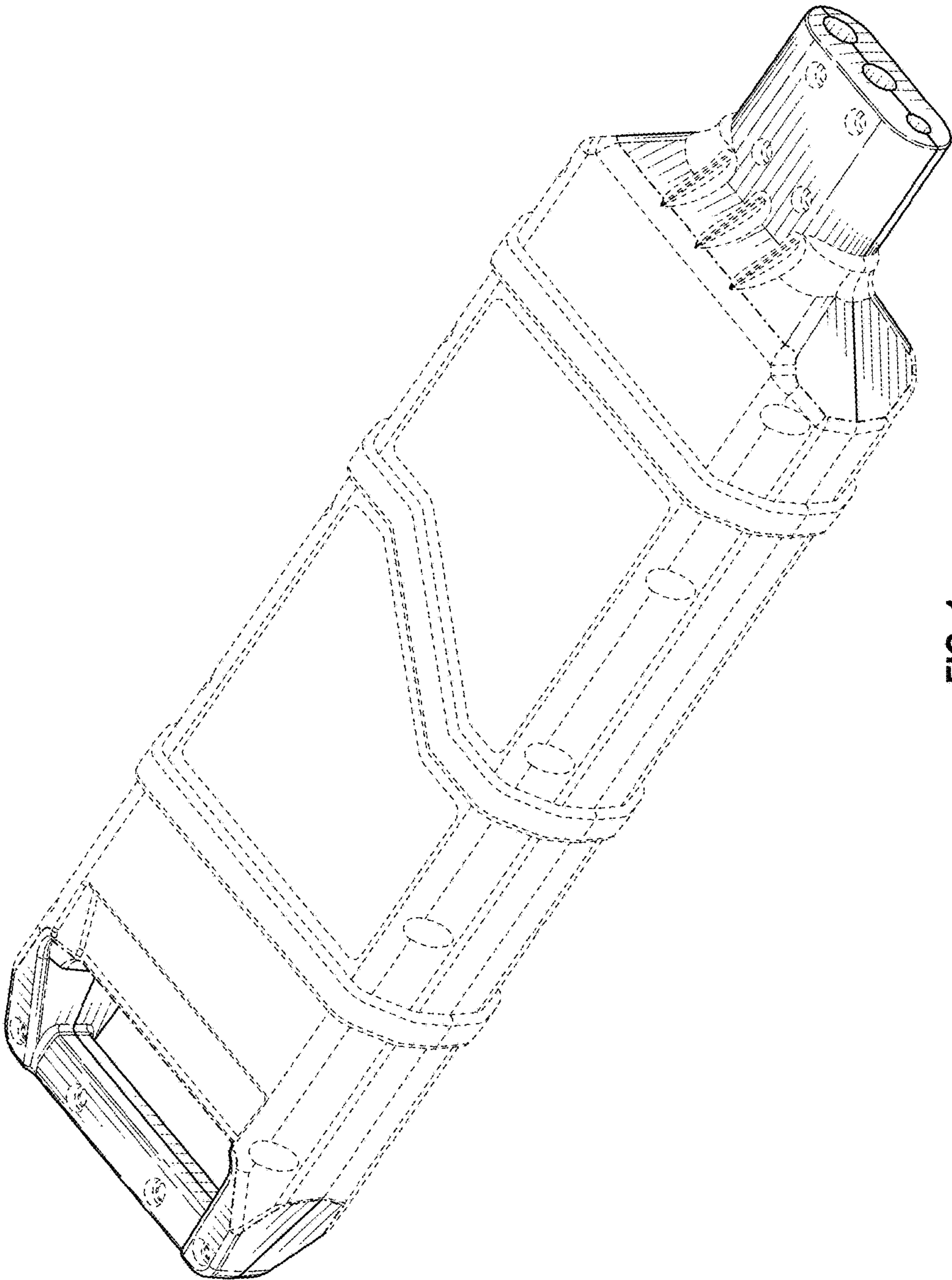


FIG. 1

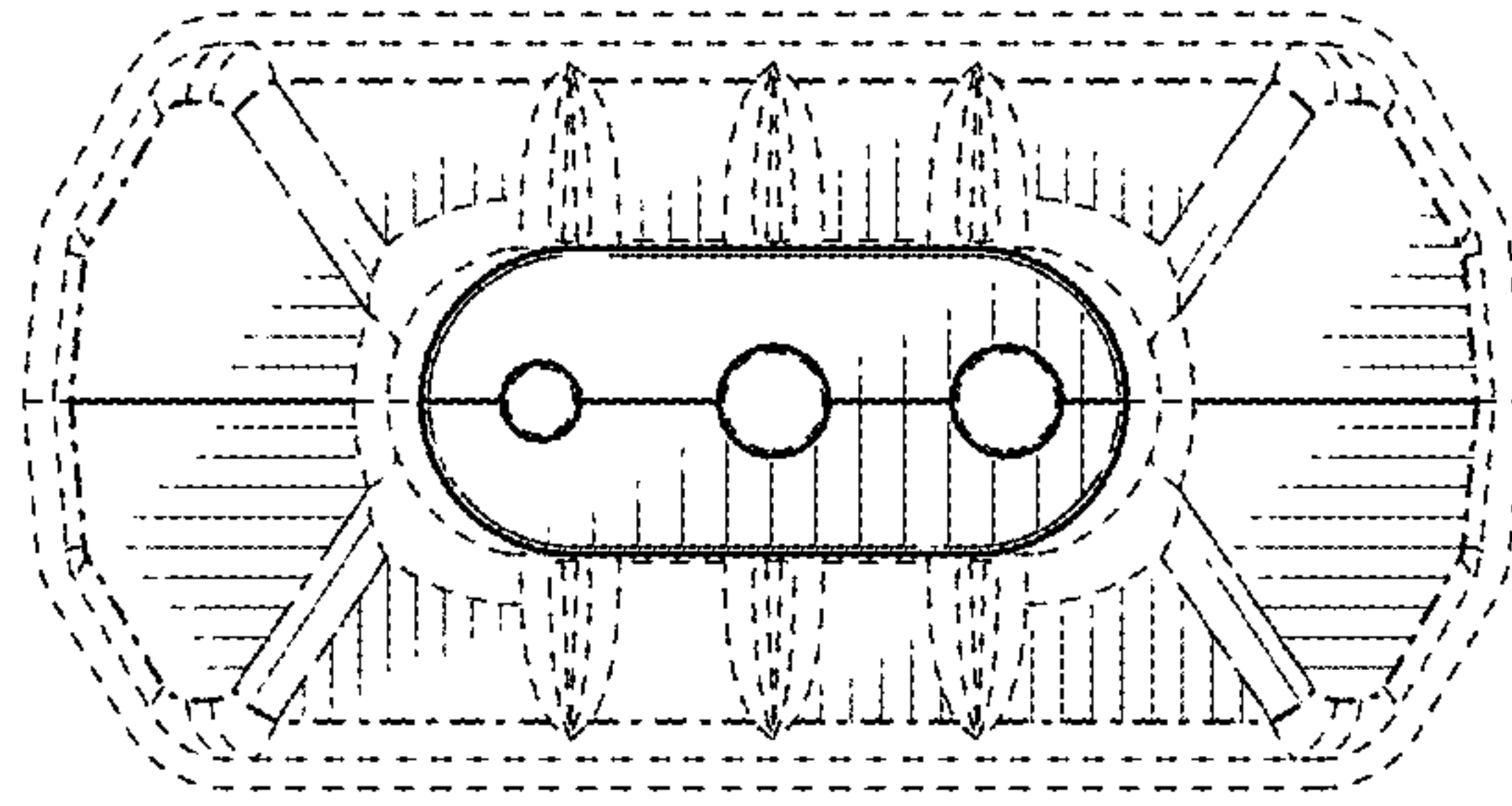


FIG. 2

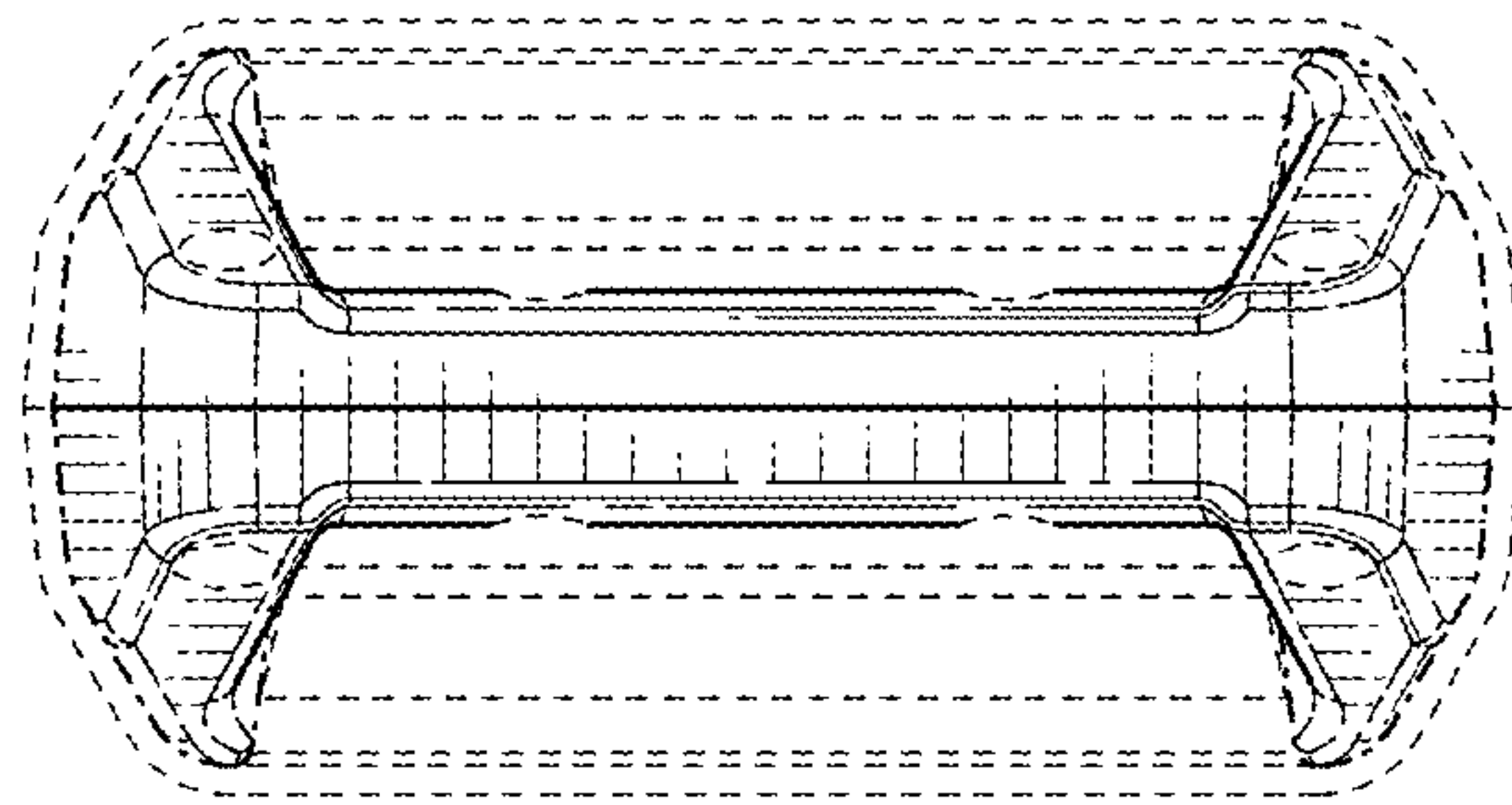


FIG. 3

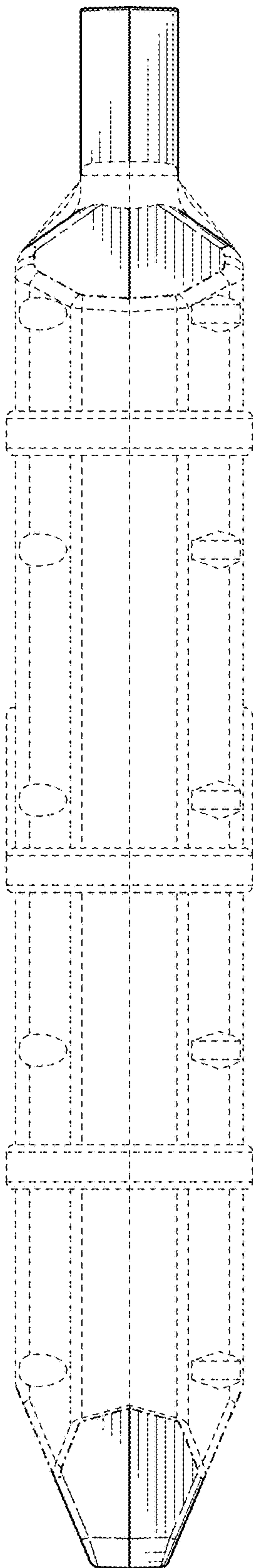


FIG. 4

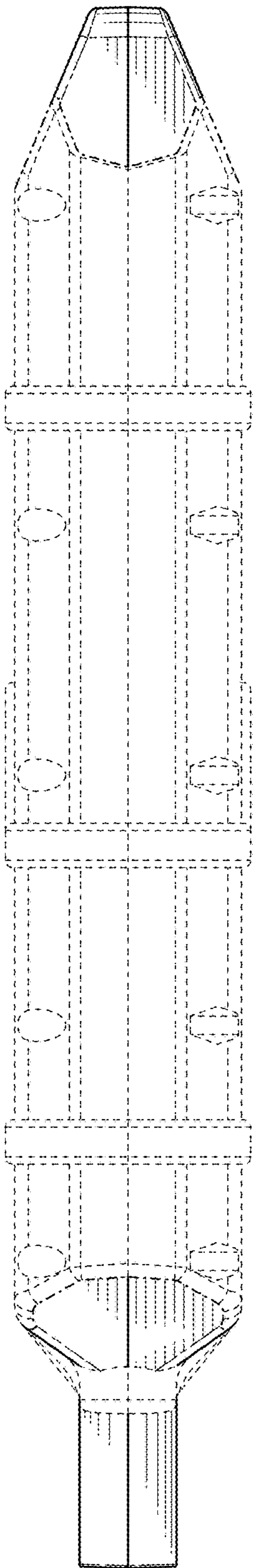


FIG. 5

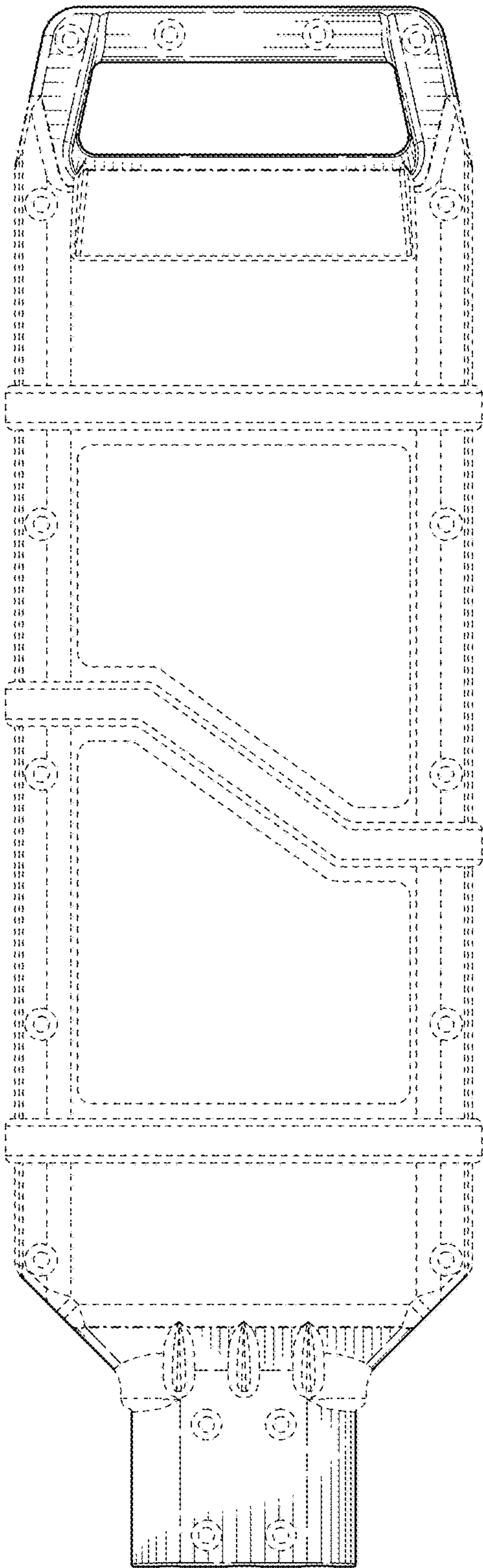


FIG. 6