



US00D901821S

(12) **United States Design Patent**
Zheng

(10) **Patent No.:** **US D901,821 S**

(45) **Date of Patent:** **** Nov. 10, 2020**

(54) **GUIDE ROPE FRAME FOR WINCH**

(71) Applicant: **NINGBO CHIMA WINCH CO., LTD.**, Ningbo (CN)

(72) Inventor: **Mingkui Zheng**, Ningbo (CN)

(73) Assignee: **NINGBO CHIMA WINCH CO., LTD.**, Ningbo (CN)

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

(21) Appl. No.: **29/661,832**

(22) Filed: **Aug. 31, 2018**

(51) **LOC (12) Cl.** **12-05**

(52) **U.S. Cl.**
USPC **D34/35; D8/356**

(58) **Field of Classification Search**
USPC D34/33, 35; D11/218, 231, 212; D8/356
CPC H02K 1/2773; A44B 11/06; A44B 11/26;
A44B 11/25; A44B 11/04; B65H 57/16;
E02D 5/803; B63B 21/045; B63B 59/02;
B60D 1/18; B66D 2700/0191
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D193,943 S *	10/1962	Gray	.....	D34/33
D265,173 S *	6/1982	Brooks	.....	B66D 1/12
				D34/35
D268,060 S *	2/1983	Sutela	.....	B66D 1/12
				D34/35
D363,049 S *	10/1995	Murai	.....	B66D 1/12
				D11/218
D489,157 S *	4/2004	Lawson	.....	D34/33
D562,730 S *	2/2008	Uehara	.....	D11/218
D598,681 S *	8/2009	Musschoot	.....	D34/35
D667,753 S *	9/2012	Nanbu	.....	D11/218
D667,754 S *	9/2012	Takahashi	.....	D11/218
D731,293 S *	6/2015	Fretz	.....	B66D 1/12
				D8/356

D740,513 S *	10/2015	Fretz	.....	D34/33
D744,189 S *	11/2015	Fretz	.....	D34/33
D744,897 S *	12/2015	Badgett	.....	B66D 1/02
				D11/210
9,266,702 B2 *	2/2016	Fretz	.....	B66D 1/36
D807,731 S *	1/2018	Fretz	.....	H05K 7/1432
				D8/356
D807,732 S *	1/2018	Fretz	.....	B66D 1/00
				D8/356
D807,733 S *	1/2018	Fretz	.....	B66D 1/225
				D8/356
D816,937 S *	5/2018	Fretz	.....	D34/33
D840,870 S *	2/2019	Koreishi	.....	D11/218
D849,352 S *	5/2019	Fretz	.....	D34/33
D856,845 S *	8/2019	Ishii	.....	D11/218
D866,115 S *	11/2019	Fretz	.....	D34/33
10,519,012 B1 *	12/2019	Hare	.....	B66D 1/36

(Continued)

Primary Examiner — Cynthia Ramirez

(74) *Attorney, Agent, or Firm* — Bayramoglu Law Offices LLC

(57) **CLAIM**

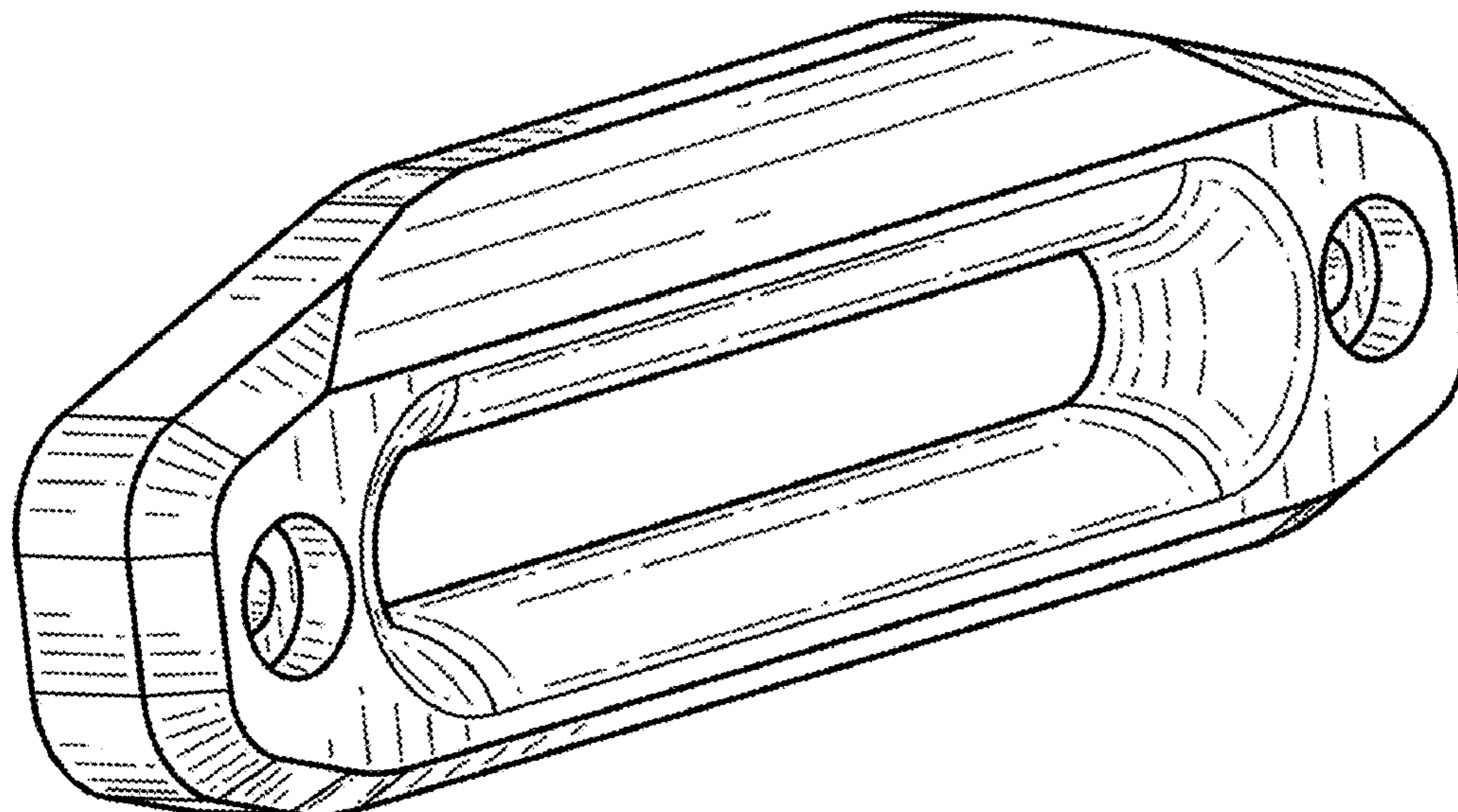
The ornamental design for a guide rope frame for winch, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a guide rope frame for winch showing the new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

The broken lines in the figures are for the purpose of illustrating portions of the guide rope frame for winch that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

10,562,743	B2 *	2/2020	Fretz	B66D 1/36
2007/0163088	A1 *	7/2007	Gracer	A44B 11/04
				24/198
2014/0001428	A1 *	1/2014	Fretz	B66D 1/12
				254/395
2014/0252286	A1 *	9/2014	Averill	B66D 1/56
				254/344
2016/0096709	A1 *	4/2016	Averill	B66D 1/485
				254/267
2017/0321851	A1 *	11/2017	Fretz	F21V 7/04
2018/0118528	A1 *	5/2018	August	H05K 7/1432
2018/0118529	A1 *	5/2018	Vaughn	B66D 1/22
2018/0127246	A1 *	5/2018	Fretz	B66D 1/12
2018/0170725	A1 *	6/2018	August	B66D 1/14
2018/0201488	A1 *	7/2018	Zheng	B66D 1/12
2018/0273357	A1 *	9/2018	Huang	B66D 1/00
2019/0092608	A1 *	3/2019	Cui	B66D 1/225

* cited by examiner

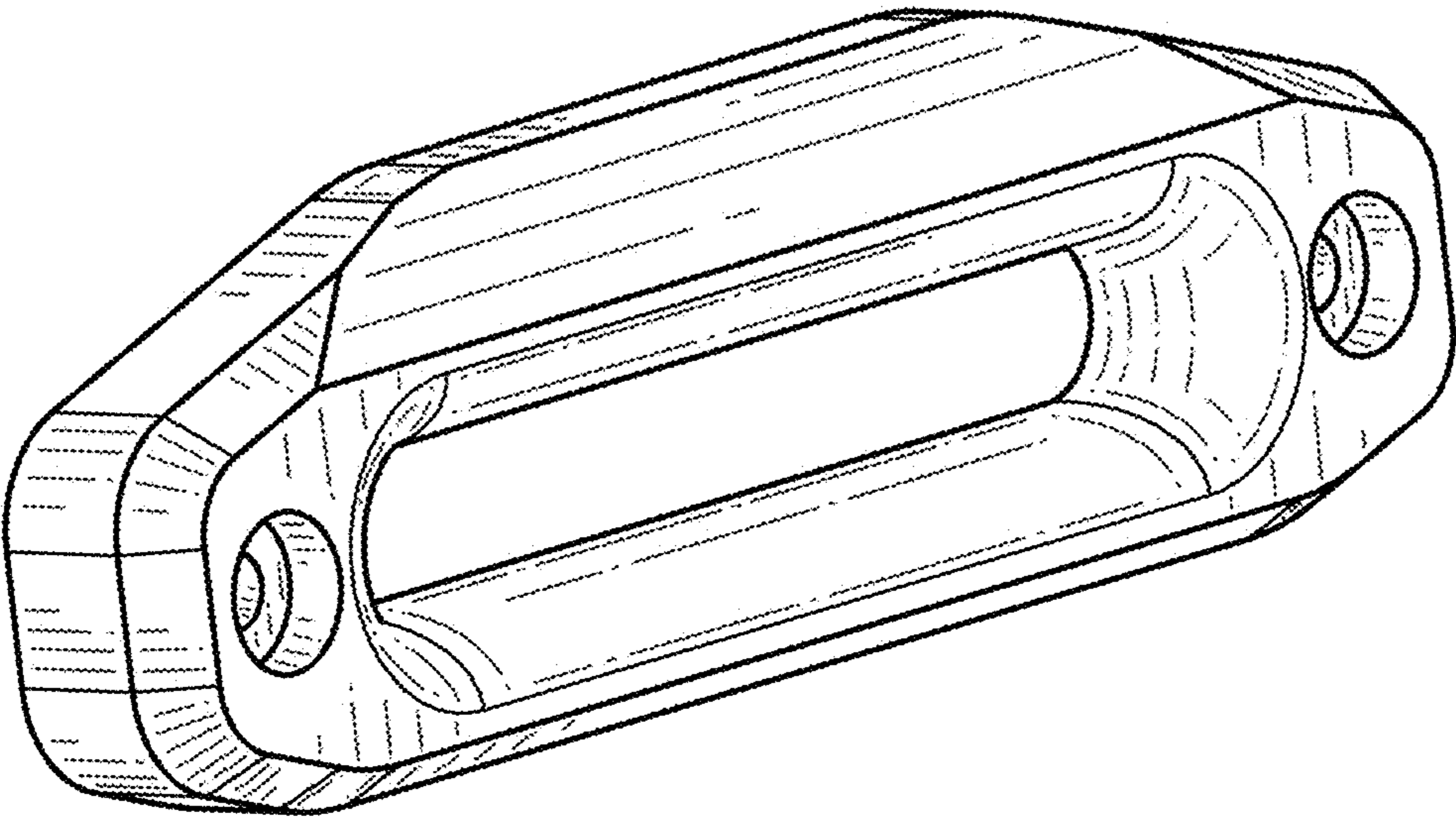


FIG. 1

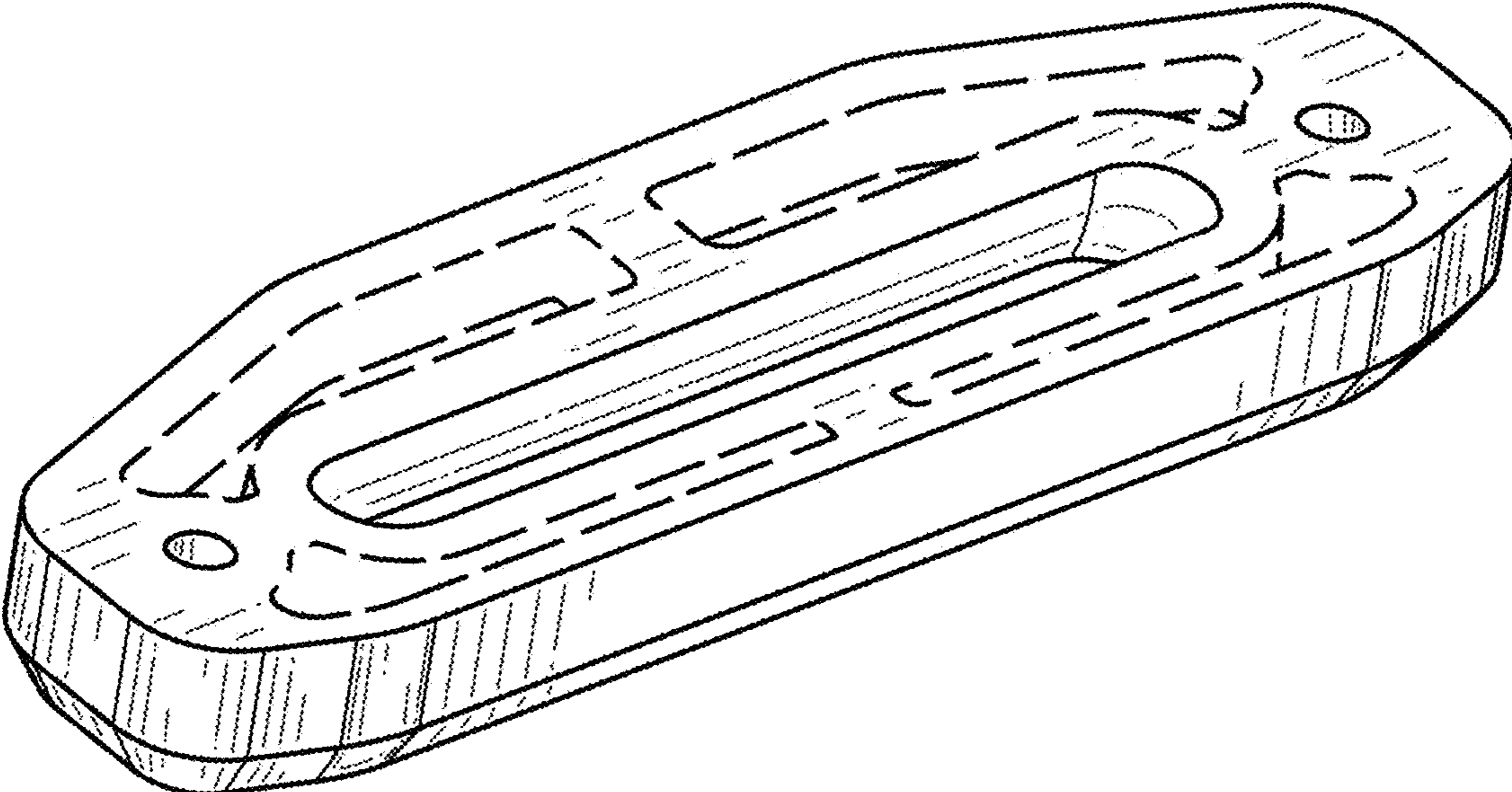


FIG. 2

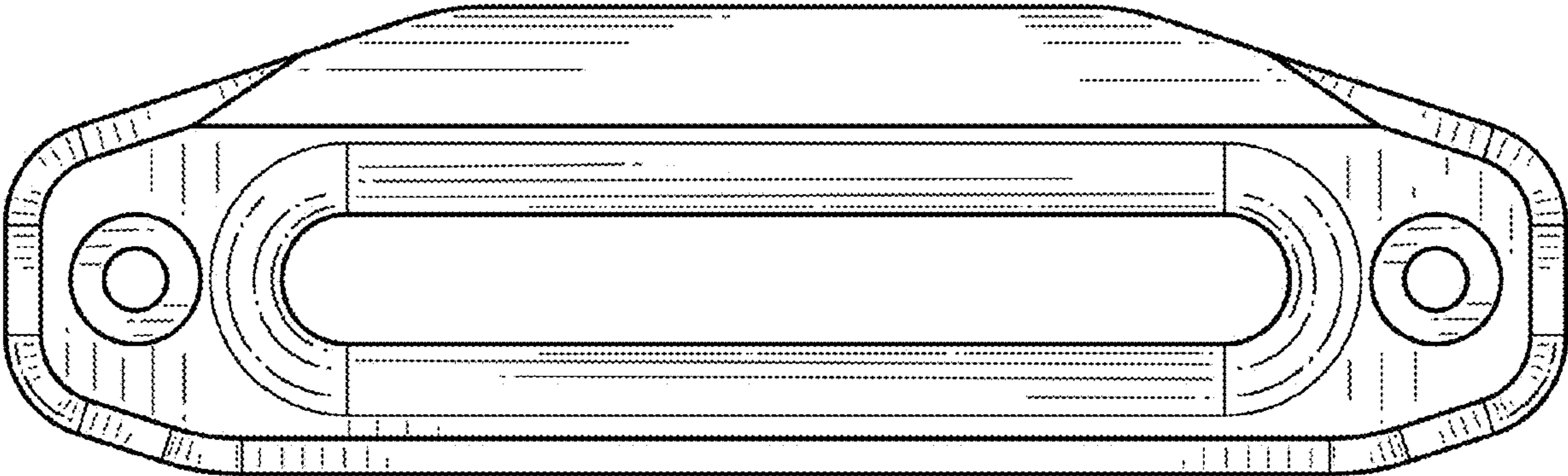


FIG. 3

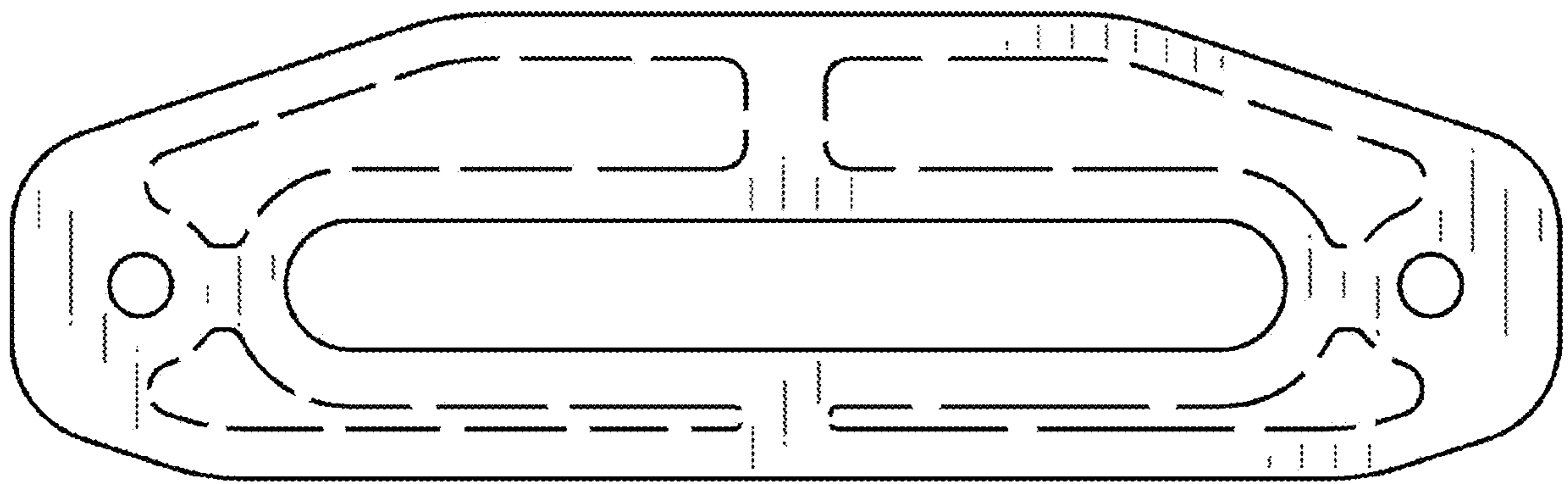


FIG. 4

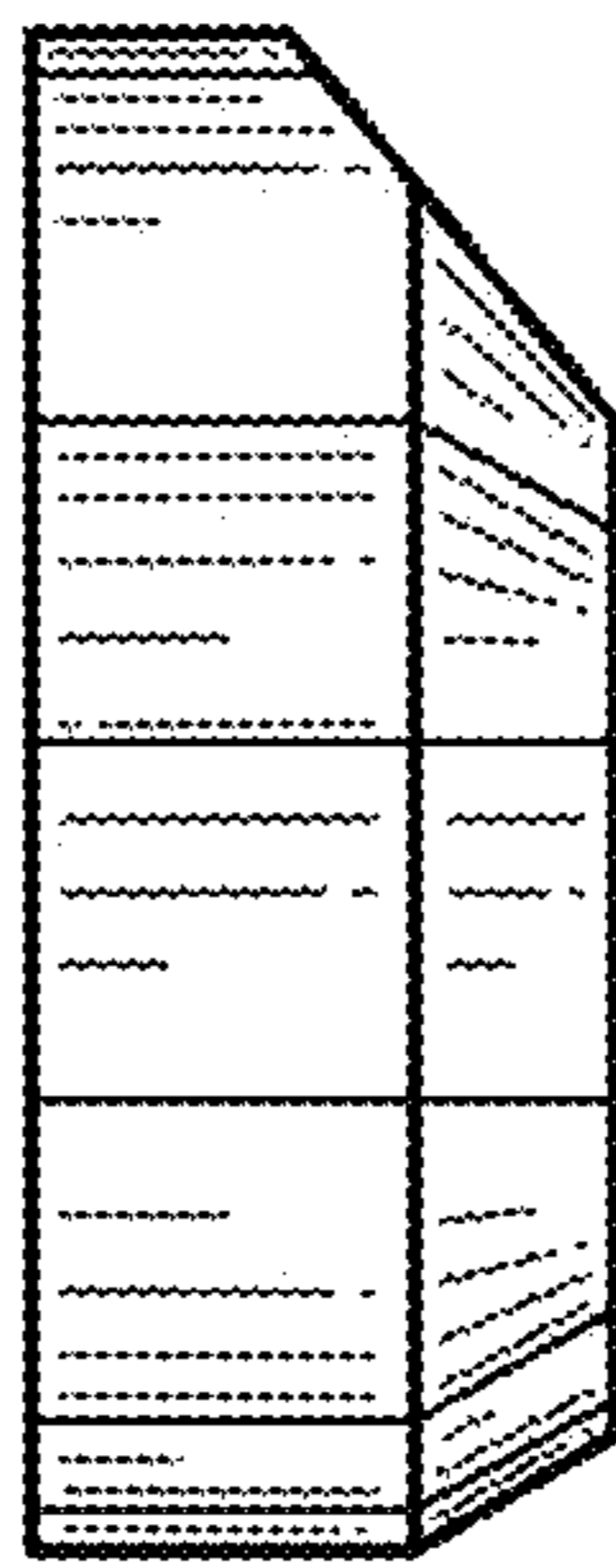


FIG. 5

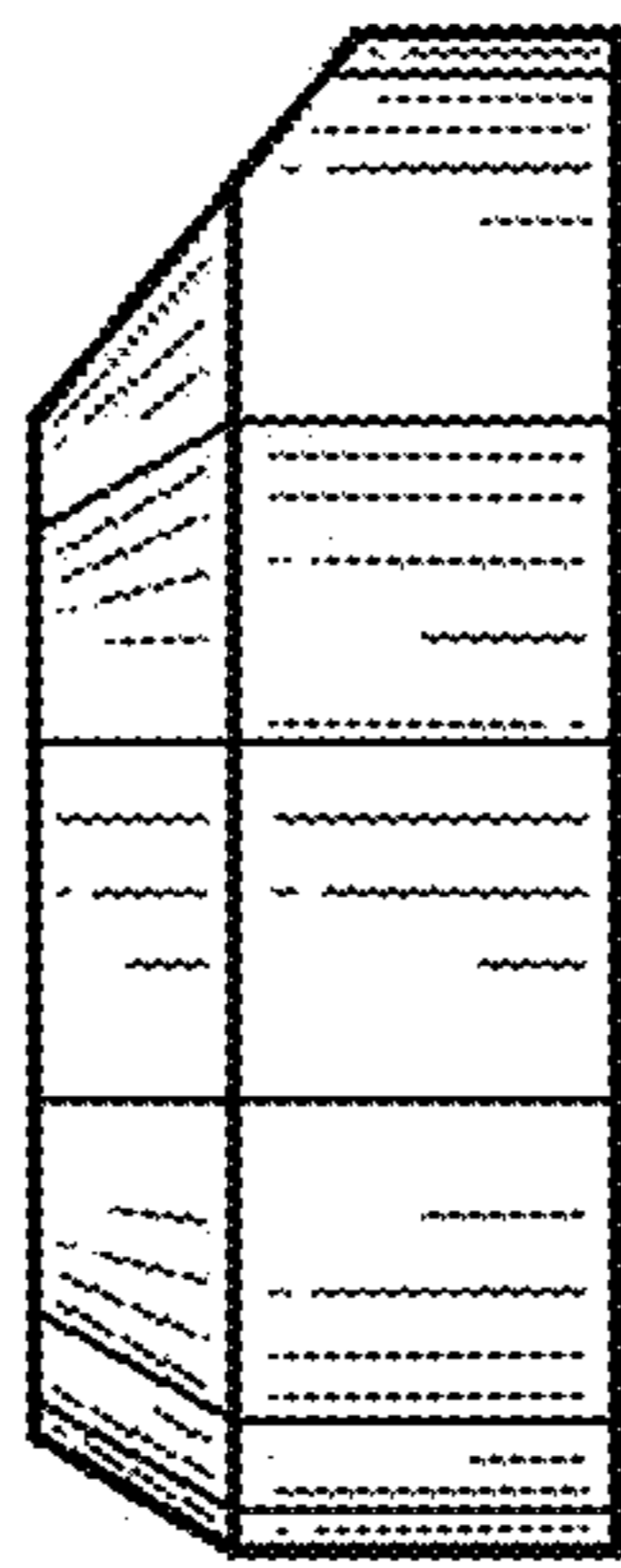


FIG. 6

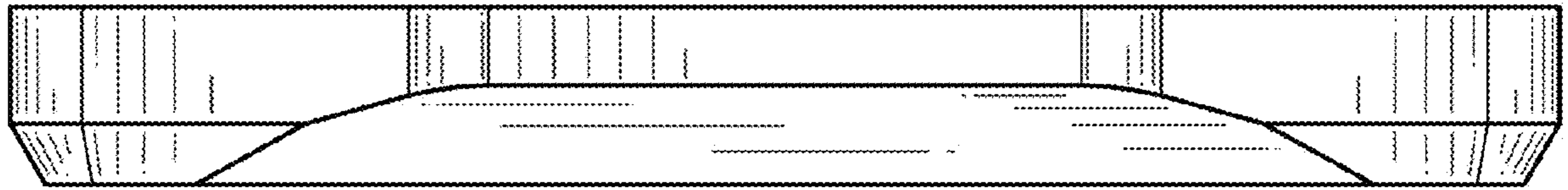


FIG. 7



FIG. 8