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

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- (54) **GRATE**
- (71) Applicant: **Canada Pipe Company ULC**, Hamilton (CA)
- (72) Inventor: **Pierre-Laurent Beaudoin**, Lévis (CA)
- (73) Assignee: **Canada Pipe Company ULC**, Hamilton, ON (CA)

- D280,126 S 8/1985 Provan et al.
- 4,536,103 A 8/1985 Prescott
- 4,565,347 A 1/1986 Ditcher
- 4,591,290 A 5/1986 Prescott
- 4,685,650 A 8/1987 Ditcher
- 4,801,417 A 1/1989 Ditcher
- 4,941,643 A 7/1990 Ditcher

(Continued)

- (**) Term: **14 Years**
- (21) Appl. No.: **29/439,510**

- CA 1186871 5/1985
- CA 1189294 6/1985

(Continued)

- (22) Filed: **Dec. 12, 2012**
- (51) **LOC (10) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/261**
- (58) **Field of Classification Search**
USPC D23/259, 260, 261, 262, 263, 264, 265;
D25/152, 153, 154, 155, 156; D7/332,
D7/334, 338; D9/456; 210/163, 164;
404/4, 5; 126/1, 9

FOREIGN PATENT DOCUMENTS

OTHER PUBLICATIONS

Gully Grating, Kerb Gratings, Products and Services, indiamart.com, searched Oct. 7, 2014, <http://www.indiamart.com/jpkmetallics/kerb-gratings.html#gully-grating>.

Primary Examiner — Eric Goodman
Assistant Examiner — Steven Czyz
(74) *Attorney, Agent, or Firm* — Fasken Martineau

See application file for complete search history.

- (57) **CLAIM**
The ornamental design for a grate, as shown and described.

(56) **References Cited**

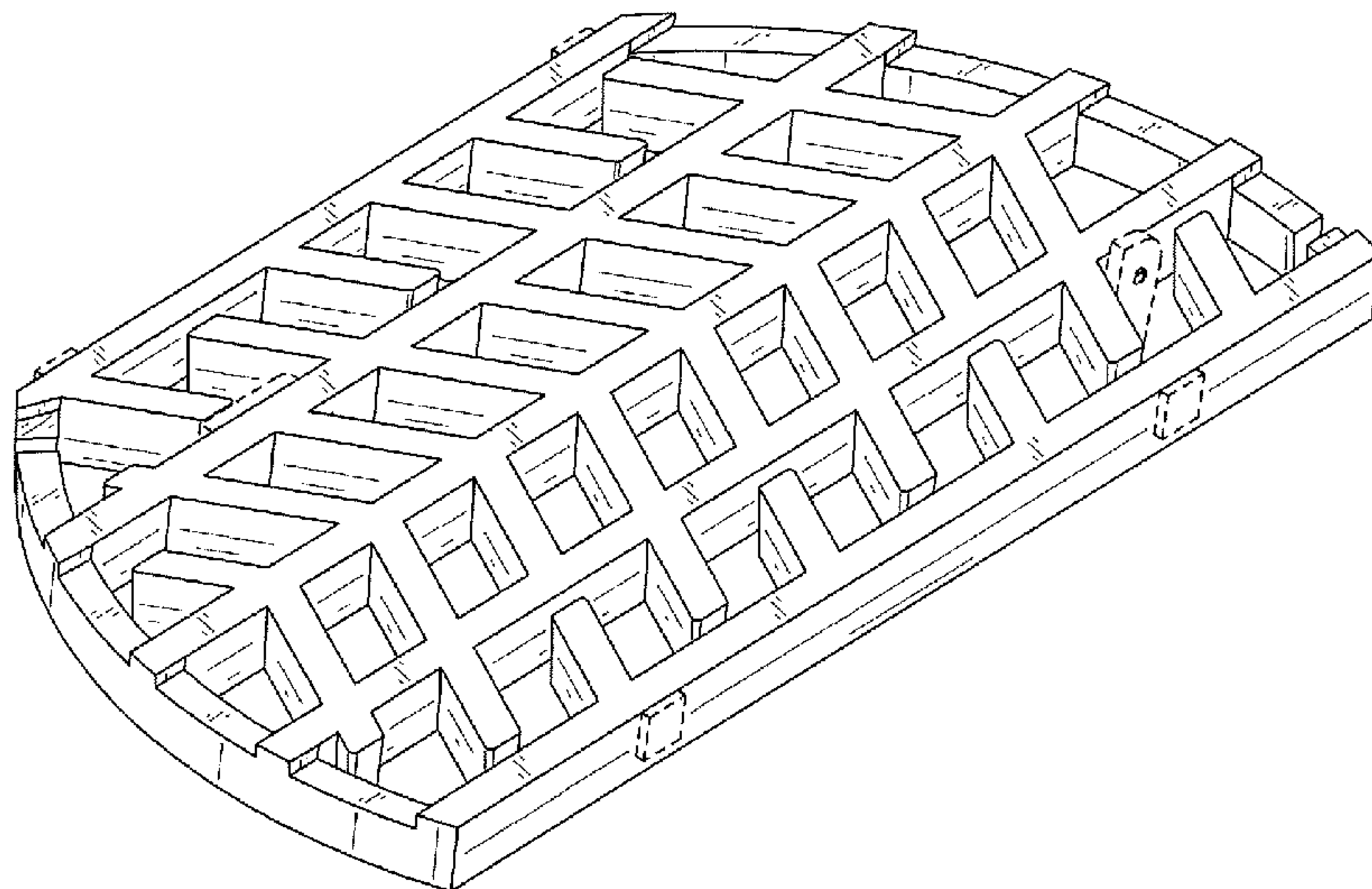
DESCRIPTION

U.S. PATENT DOCUMENTS

- 490,301 A 1/1893 Munson
- 838,601 A 12/1906 Willms
- 1,460,733 A 7/1923 Rigby
- 1,491,314 A 4/1924 Rigby
- 1,763,174 A 6/1930 Morris
- 1,858,268 A 5/1932 Fleming
- 2,701,027 A * 2/1955 Scoville 210/163
- 3,304,685 A * 2/1967 Whetstone 52/670
- 3,838,706 A 10/1974 Klenk et al.
- D244,854 S * 6/1977 Salamone D23/261
- 4,126,404 A 11/1978 Ferns
- 4,279,541 A 7/1981 Bruhn et al.
- D267,268 S * 12/1982 Johnson D23/402
- D270,292 S * 8/1983 Johnson D25/156
- 4,422,994 A 12/1983 Ditcher

FIG. 1 is a perspective view taken from a top, front, left side of a grate;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a front elevation view thereof;
FIG. 6 is a right side elevation view thereof; and,
FIG. 7 is a left side elevation view thereof.
The broken line showing is included for the purpose of illustrating portions of the article and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

U.S. PATENT DOCUMENTS							
4,952,094	A *	8/1990	Spiess et al. 405/36	CA	1204317		5/1986
5,072,846	A	12/1991	Portwood	CA	1208025		7/1986
5,279,007	A	1/1994	Kolada	CA	1245832		12/1988
D352,573	S *	11/1994	Sampson et al. D30/119	CA	1320071		7/1993
5,386,669	A	2/1995	Almeida	CA	2153008		1/1996
D369,404	S *	4/1996	Vestal, Sr. D23/398	CA	2220243		9/1997
5,634,739	A	6/1997	Armstrong	CA	2206338		11/1998
5,849,181	A	12/1998	Monteith	DE	1002249		2/1957
6,045,691	A	4/2000	McDermott	DE	6906871		6/1969
6,068,765	A	5/2000	Monteith	DE	1905728		8/1970
6,109,824	A	8/2000	Annes	DE	4437518		4/1996
6,270,662	B1	8/2001	Gibson et al.	DE	29707603		7/1997
6,385,913	B1	5/2002	Ahn	EP	0668409		8/1995
6,537,446	B1	3/2003	Sanguinetti	EP	0694654		1/1996
6,869,525	B1	3/2005	Happel	EP	0811732		12/1997
6,986,226	B2	1/2006	Banks	EP	1254991		11/2002
7,040,838	B2	5/2006	Allard et al.	FR	2200415		4/1974
D596,273	S	7/2009	Porter	FR	2384904		10/1978
D630,714	S *	1/2011	Dukes D23/260	FR	2740789		5/1997
8,292,541	B2 *	10/2012	Akkala 405/43	FR	2803859		7/2001
8,591,729	B2	11/2013	Alqanee	FR	2920163		2/2009
D699,820	S	2/2014	Beaudoin	GB	2205601		12/1988
D699,821	S	2/2014	Beaudoin	SE	0337110	A1 *	10/1989
2002/0071722	A1	6/2002	Allard	WO	9601929		1/1996
2003/0046877	A1	3/2003	Banks	WO	9726415		7/1997
2004/0112811	A1 *	6/2004	Lindemulder 210/163	WO	9749872		12/1997
2006/0011527	A1	1/2006	McDermott et al.	WO	0183892		11/2001
2008/0179229	A1	7/2008	Dorsey				
2010/0124458	A1	5/2010	Munro				
2013/0186811	A1 *	7/2013	Kaiser 210/163				

* cited by examiner

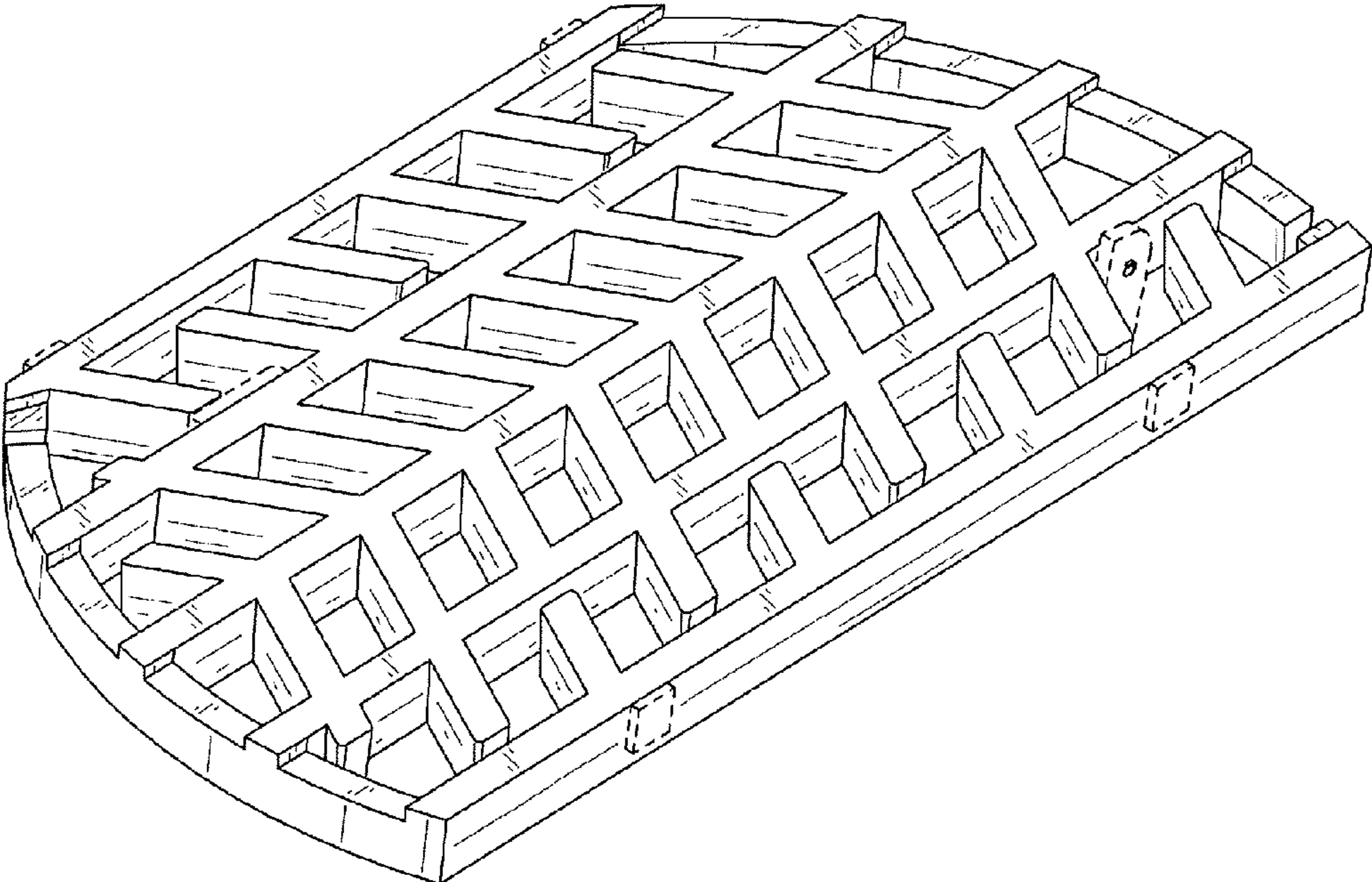


FIG. 1

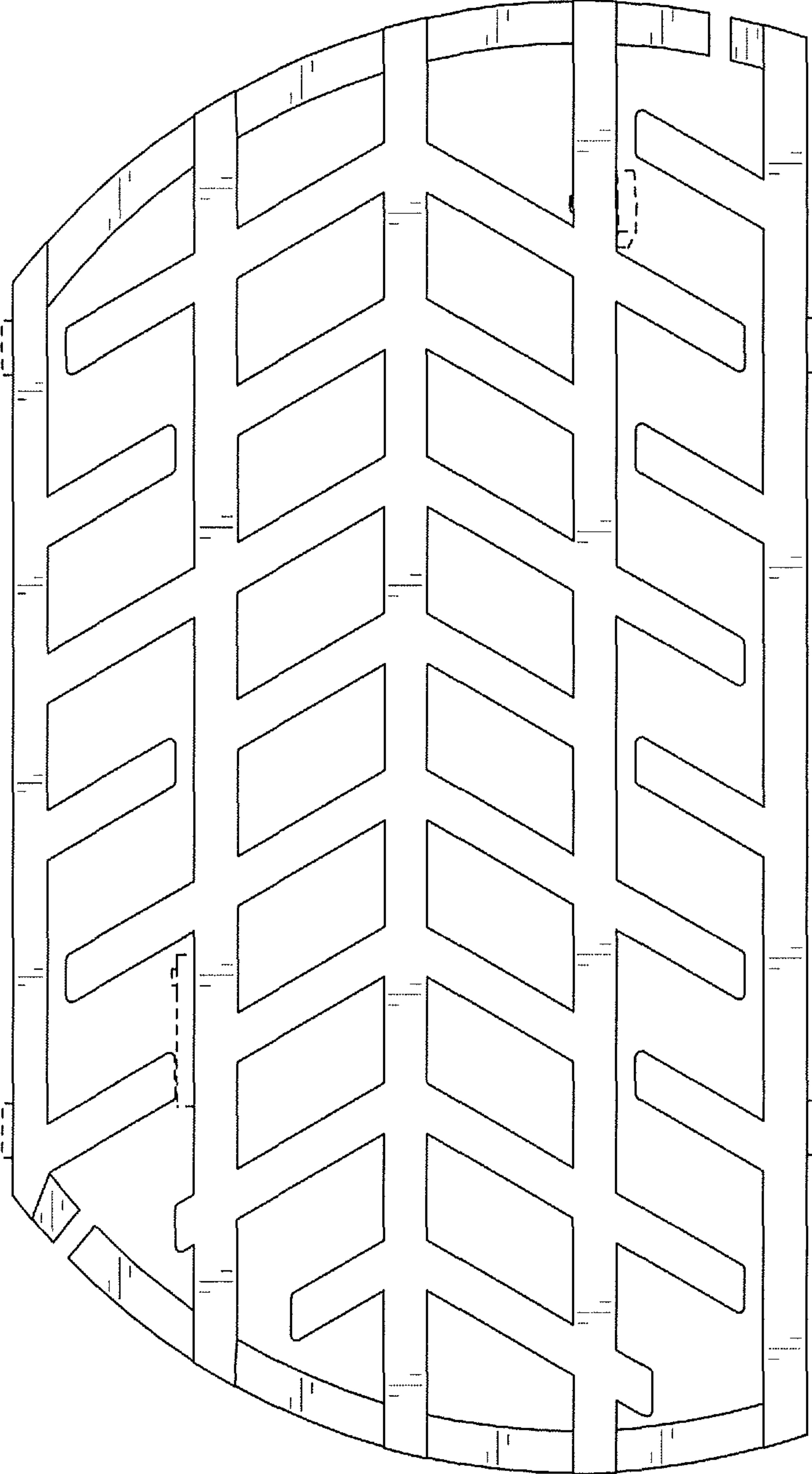


FIG. 2

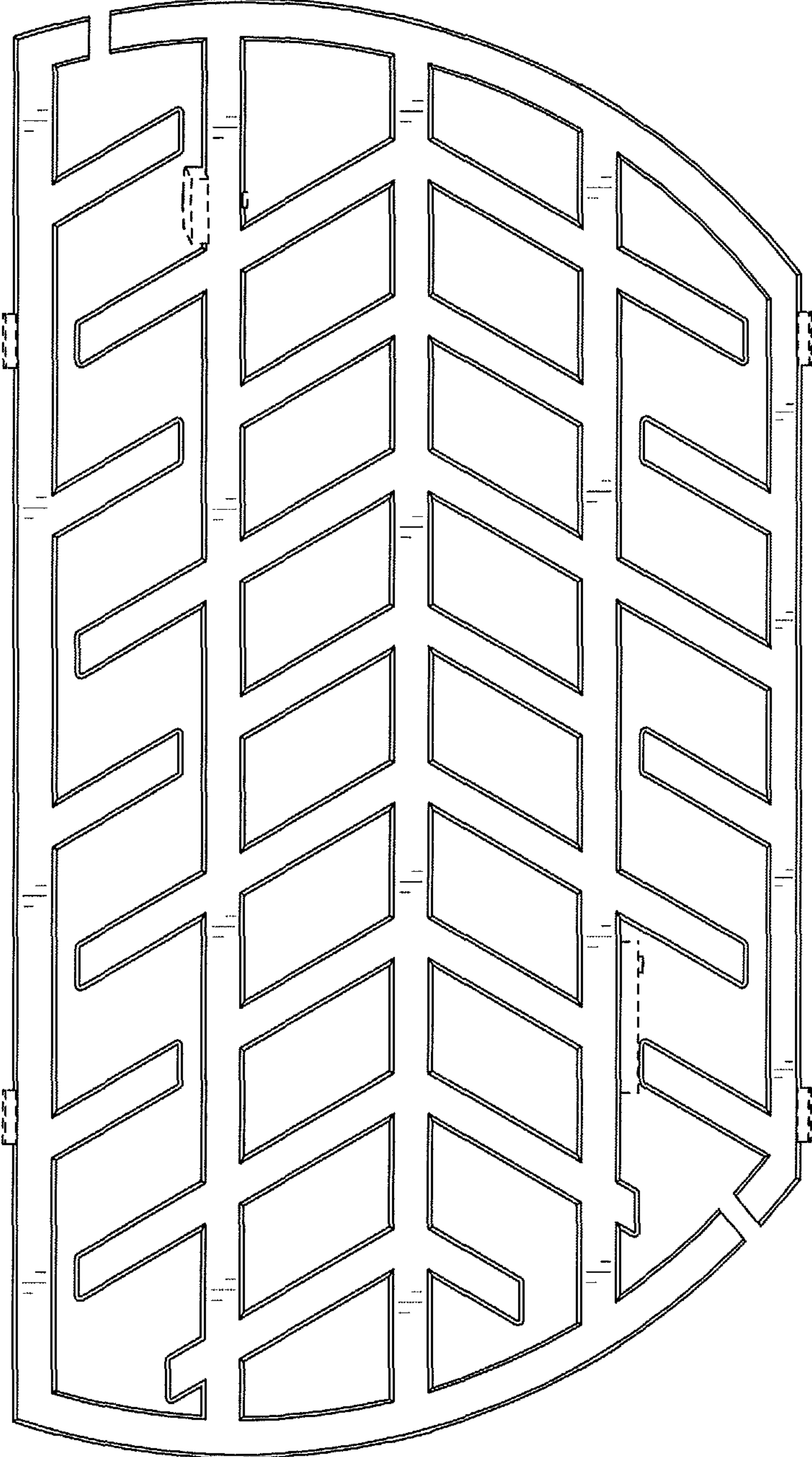


FIG. 3

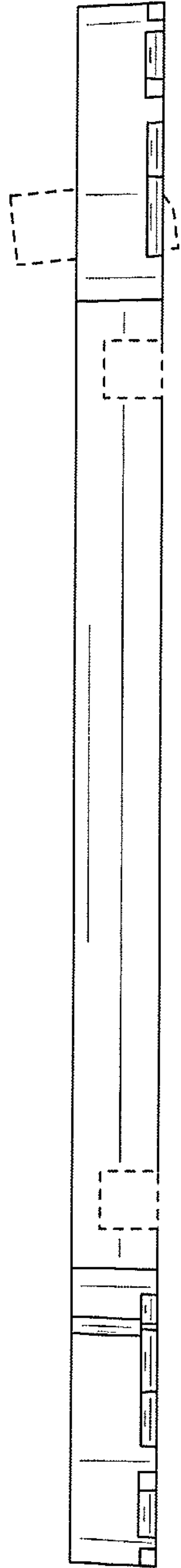


FIG. 4

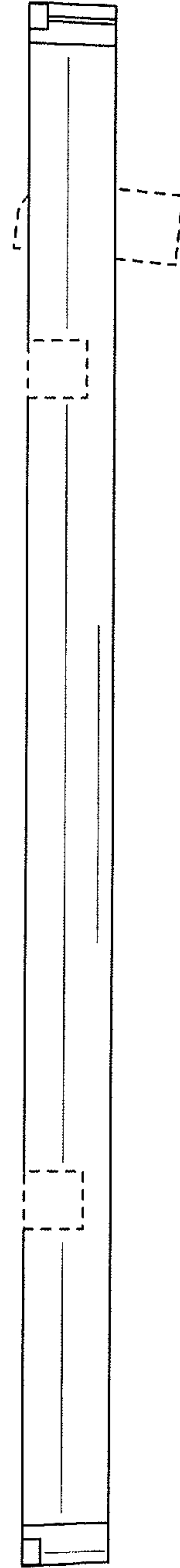


FIG. 5



FIG. 6

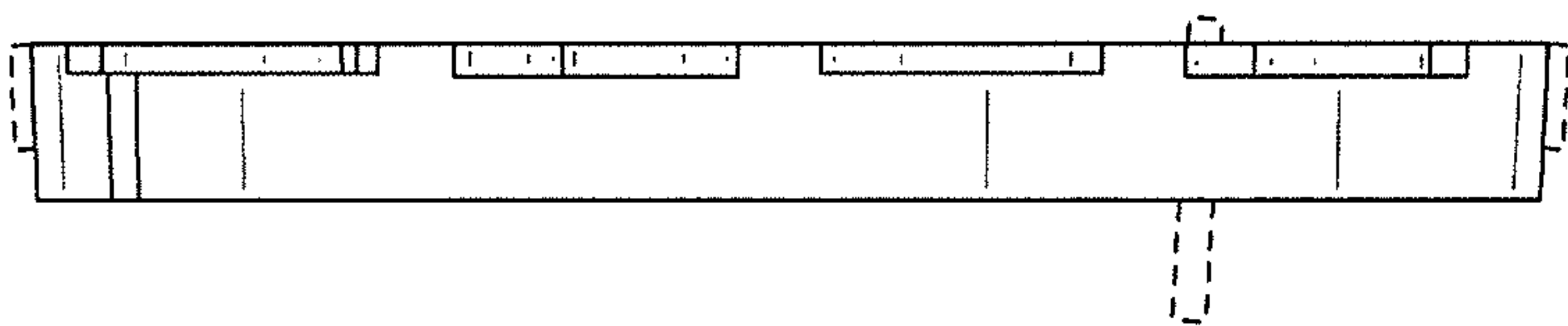


FIG. 7