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

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(54) **FILTER FRAME**

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(73) Assignee: **Diversitech Corporation**, Duluth, GA (US)

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

(21) Appl. No.: **29/423,111**

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5,997,991 A	12/1999	Kato et al.	
6,033,453 A *	3/2000	Weddell, III	55/493
6,126,707 A *	10/2000	Pitzen	55/495
D439,716 S	3/2001	Wright	
6,299,529 B1	10/2001	Preston	
6,328,778 B1 *	12/2001	Richerson et al.	55/475
6,740,137 B2 *	5/2004	Kubokawa et al.	55/521
6,790,397 B2 *	9/2004	Richerson et al.	55/521
D518,143 S *	3/2006	Weidler et al.	D23/209

(Continued)

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Related U.S. Application Data

(63) Continuation-in-part of application No. 29/404,166, filed on Oct. 17, 2011, now abandoned.

(51) **LOC (10) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/365**

(58) **Field of Classification Search**
USPC D23/365, 209, 363, 358, 386, 354, 341, D23/364; 55/385.3, 502, 497, 506, 505, 55/521, 495, 422, 493, 486, 500, 520, 446, 55/DIG. 30; 210/435, 130, 136, 248, 339, 210/448, 452, 497.1; D15/5; D32/55; 454/367

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,075,337 A	1/1963	Andreae	
3,941,571 A	3/1976	Getzin	
4,008,060 A	2/1977	Andreae	
4,728,426 A	3/1988	Rudinger et al.	
5,051,118 A	9/1991	Andreae	
5,505,603 A	4/1996	Baracchi et al.	
5,512,172 A	4/1996	Marble	
5,779,747 A *	7/1998	Schlör et al.	55/521
5,810,898 A	9/1998	Miller	

(57) **CLAIM**

The ornamental design for a filter frame, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a filter frame of the present invention.

FIG. 2 is an enlarged detailed top plan view of a segment of the filter frame.

FIG. 3 is a bottom plan view of the filter frame.

FIG. 4 is an enlarged detailed bottom plan view of a segment of the filter frame.

FIG. 5 is an elevation view of the front of the filter frame.

FIG. 6 is a side elevation view of the filter frame, the opposite side view being identical.

FIG. 7 is a top perspective view of the filter frame.

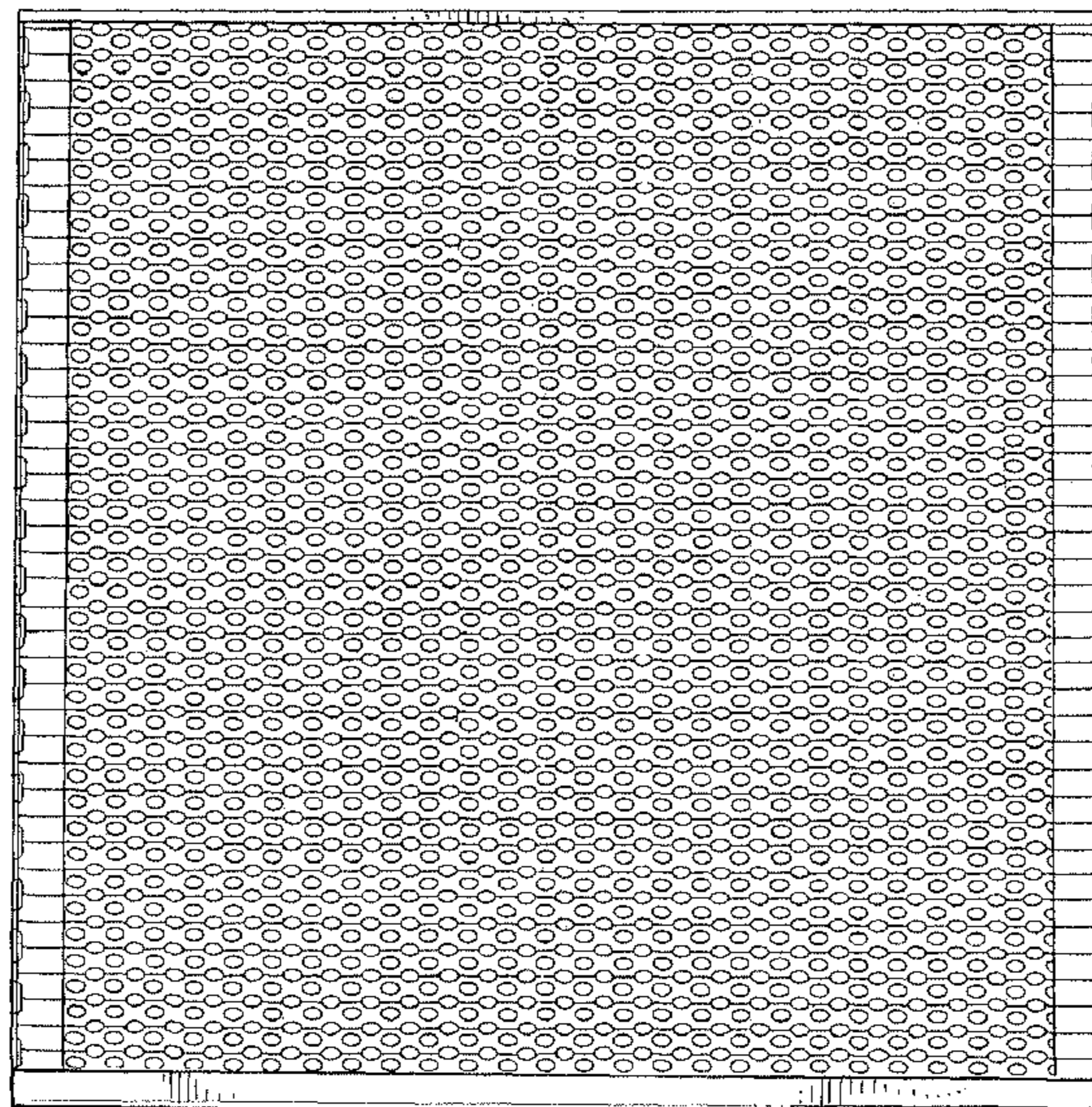
FIG. 8 is an enlarged detailed top perspective view of a segment of the filter frame.

FIG. 9 is an enlarged side elevation view of a segment of the filter frame corresponding to FIG. 6.

FIG. 10 is an enlarged front elevation view of a segment of the filter frame corresponding to FIG. 5; and,

FIG. 11 is an enlarged perspective view of a segment of the filter frame corresponding to FIG. 7.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,169,202 B2 * 1/2007 Kubokawa 55/495
7,364,607 B2 * 4/2008 Ueda et al. 55/521
7,413,792 B2 * 8/2008 Miyata et al. 428/188
D616,960 S * 6/2010 Konkey D23/209
D618,732 S * 6/2010 Harel D20/40
7,758,666 B2 * 7/2010 Meerpohl 55/497

2001/0032545 A1 10/2001 Goto et al.
2002/0089084 A1 7/2002 Kandel
2005/0138906 A1 6/2005 Kubokawa et al.
2006/0249443 A1 11/2006 Chilton et al.
2007/0271887 A1 11/2007 Osborne et al.
2007/0289274 A1 12/2007 Justice et al.
2008/0203614 A1 8/2008 Holzmann et al.
2008/0276805 A1 11/2008 Lotgerink-Bruinenberg

* cited by examiner

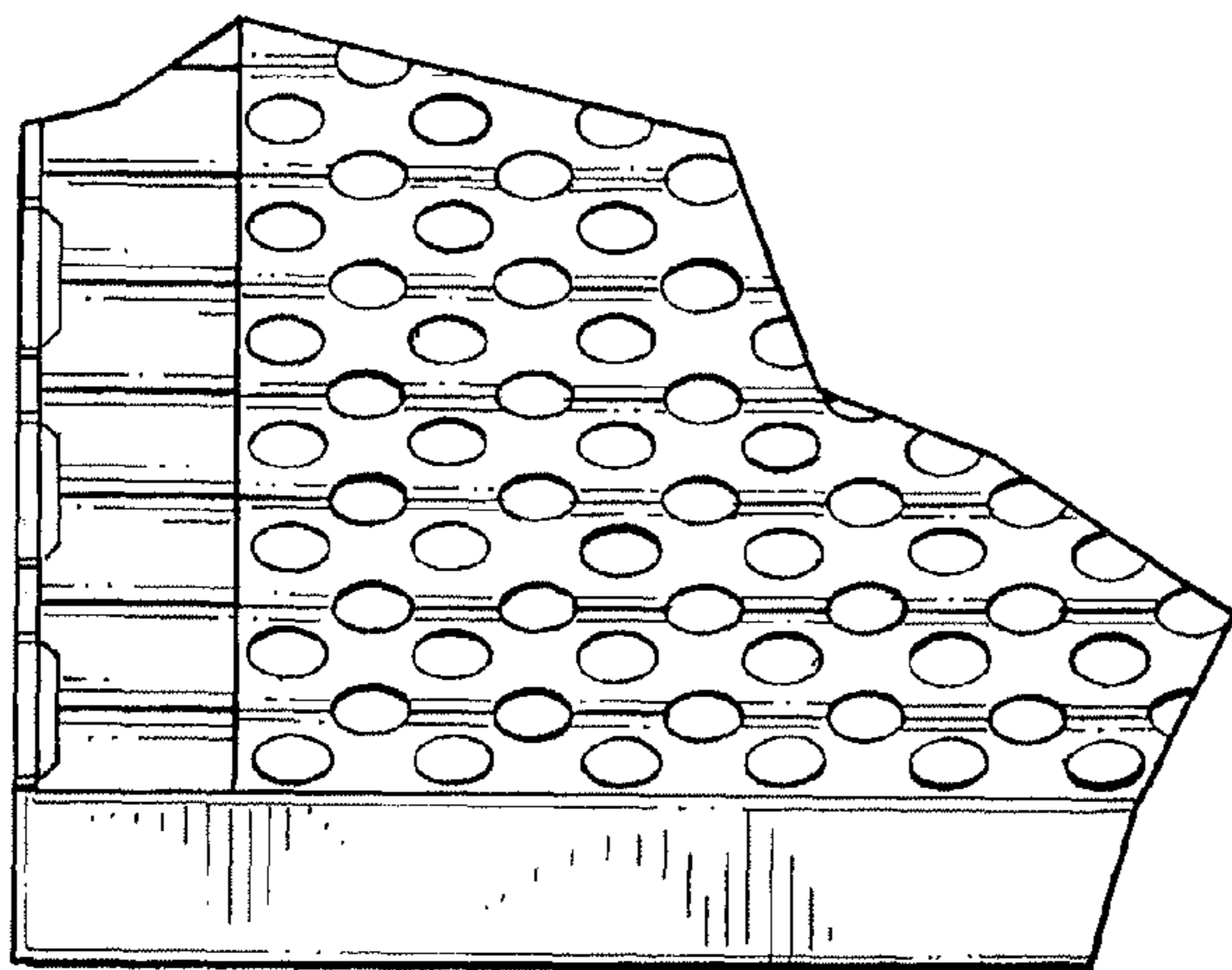
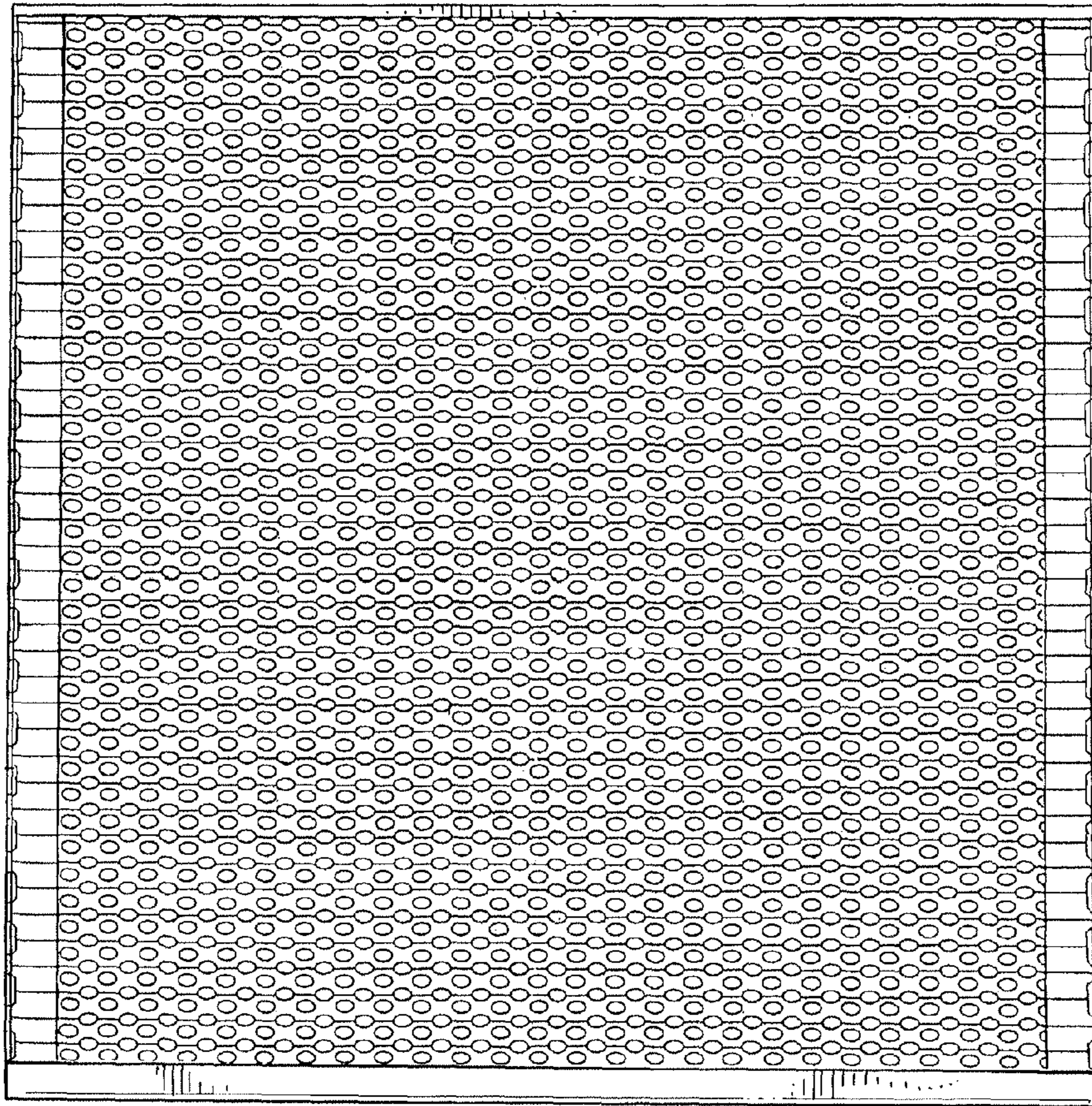


Fig. 1

Fig. 2

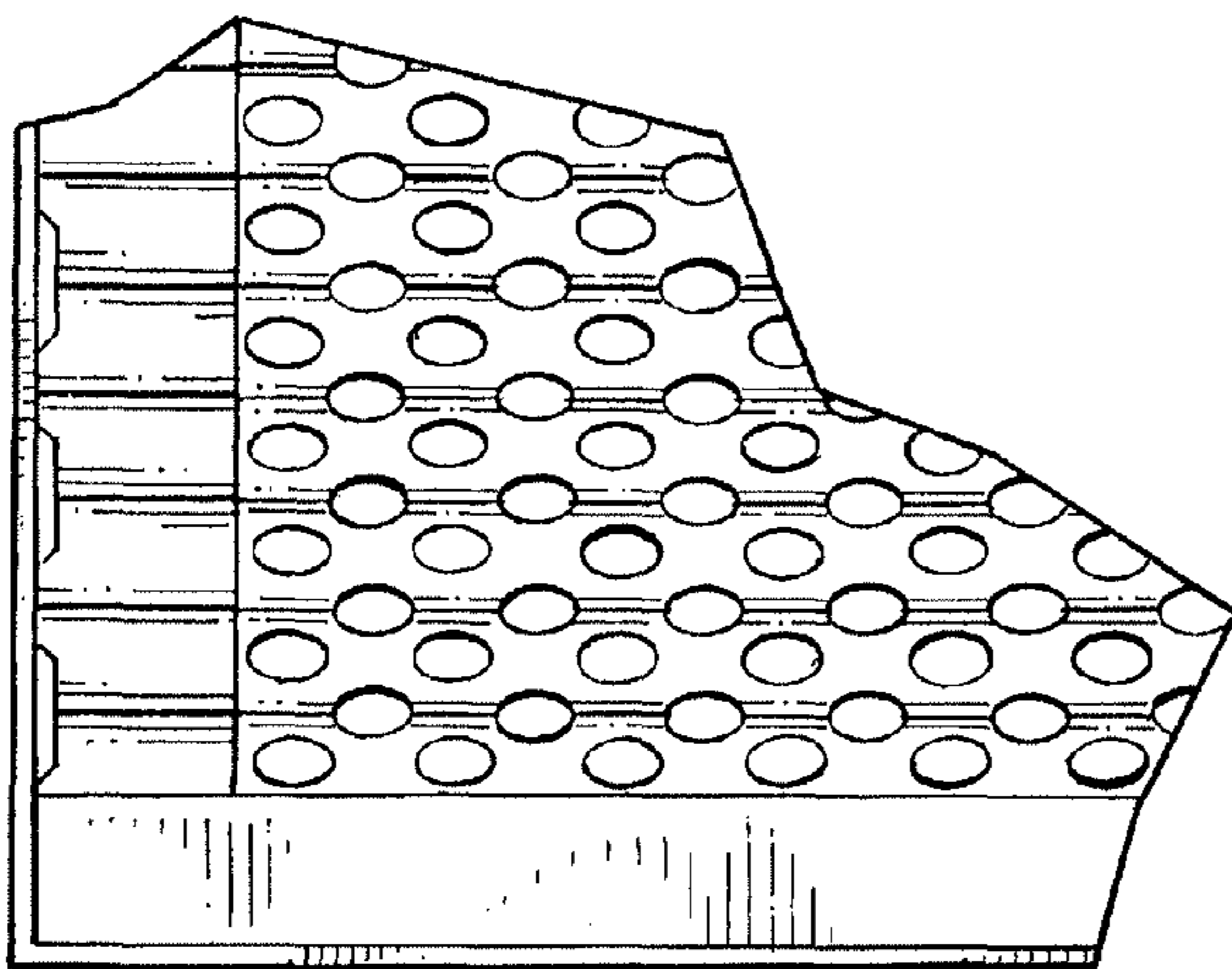
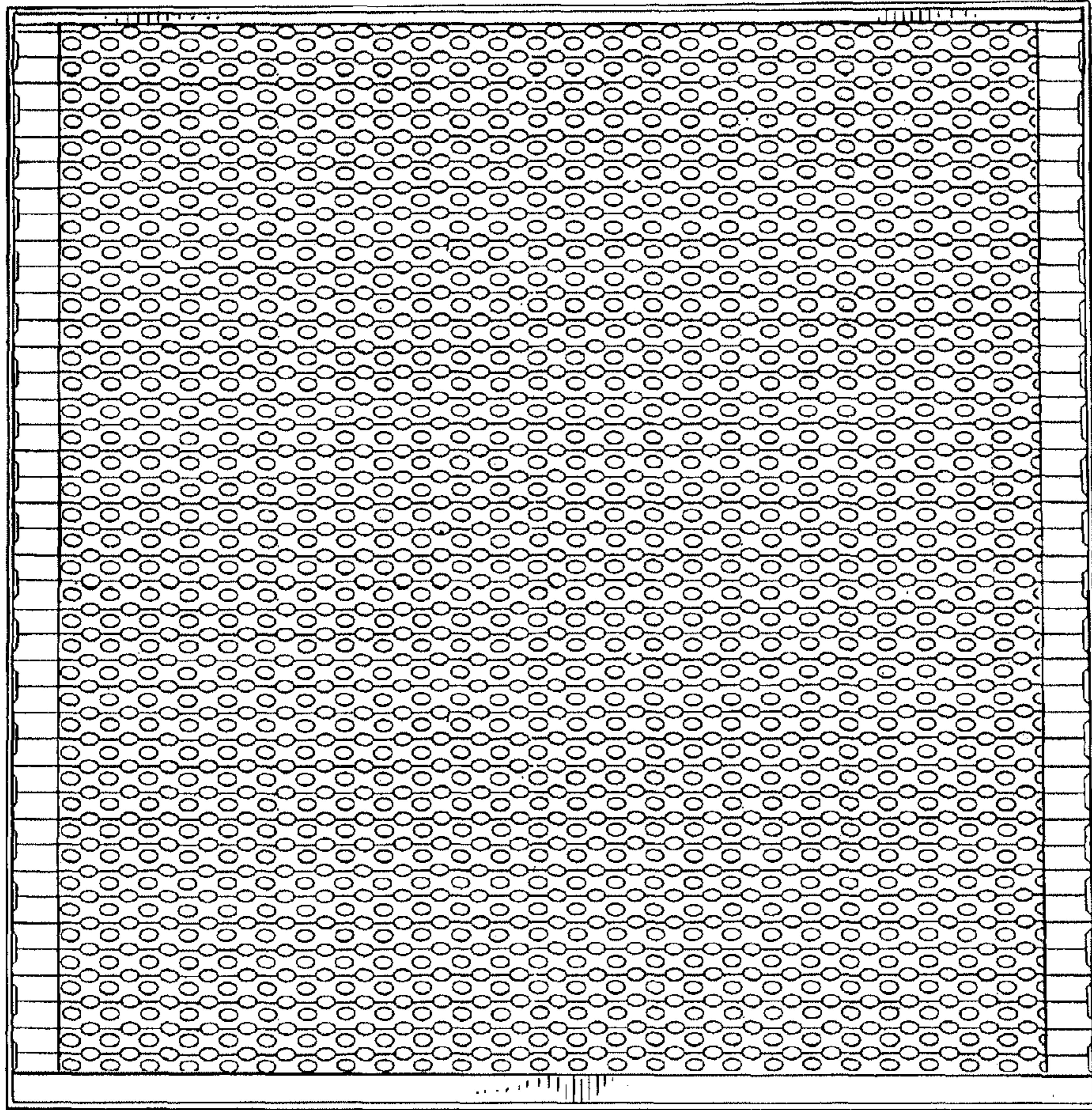


Fig. 3

Fig. 4

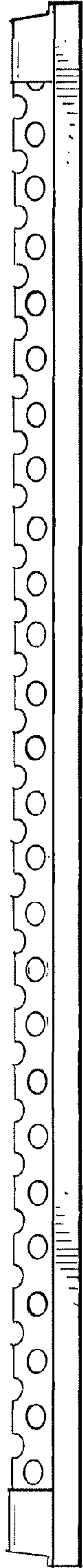


Fig. 5

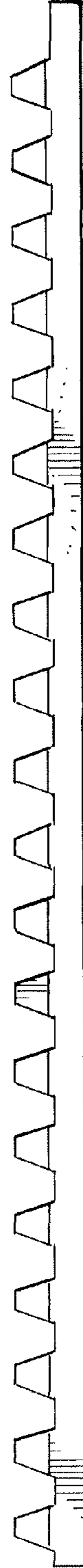


Fig. 6

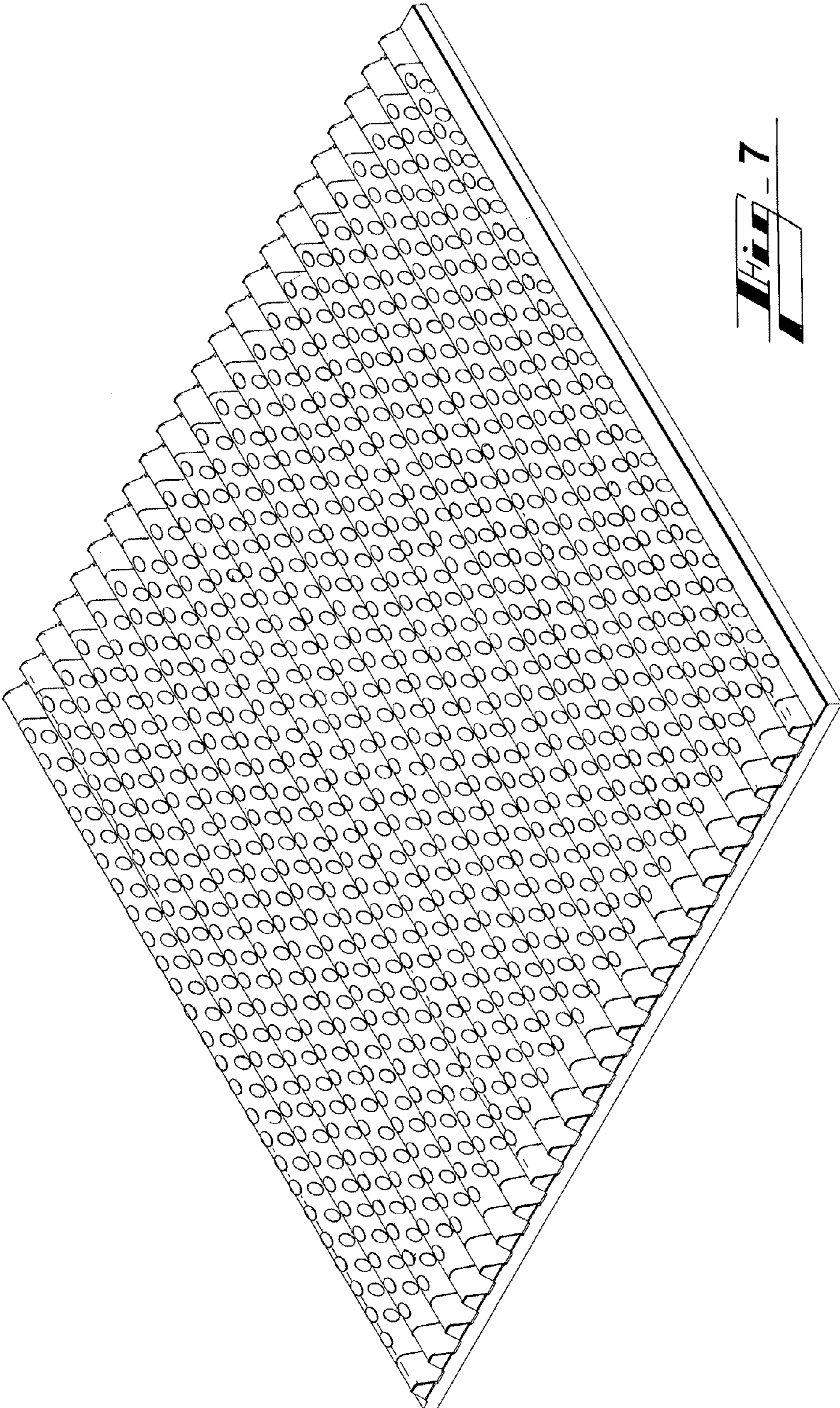
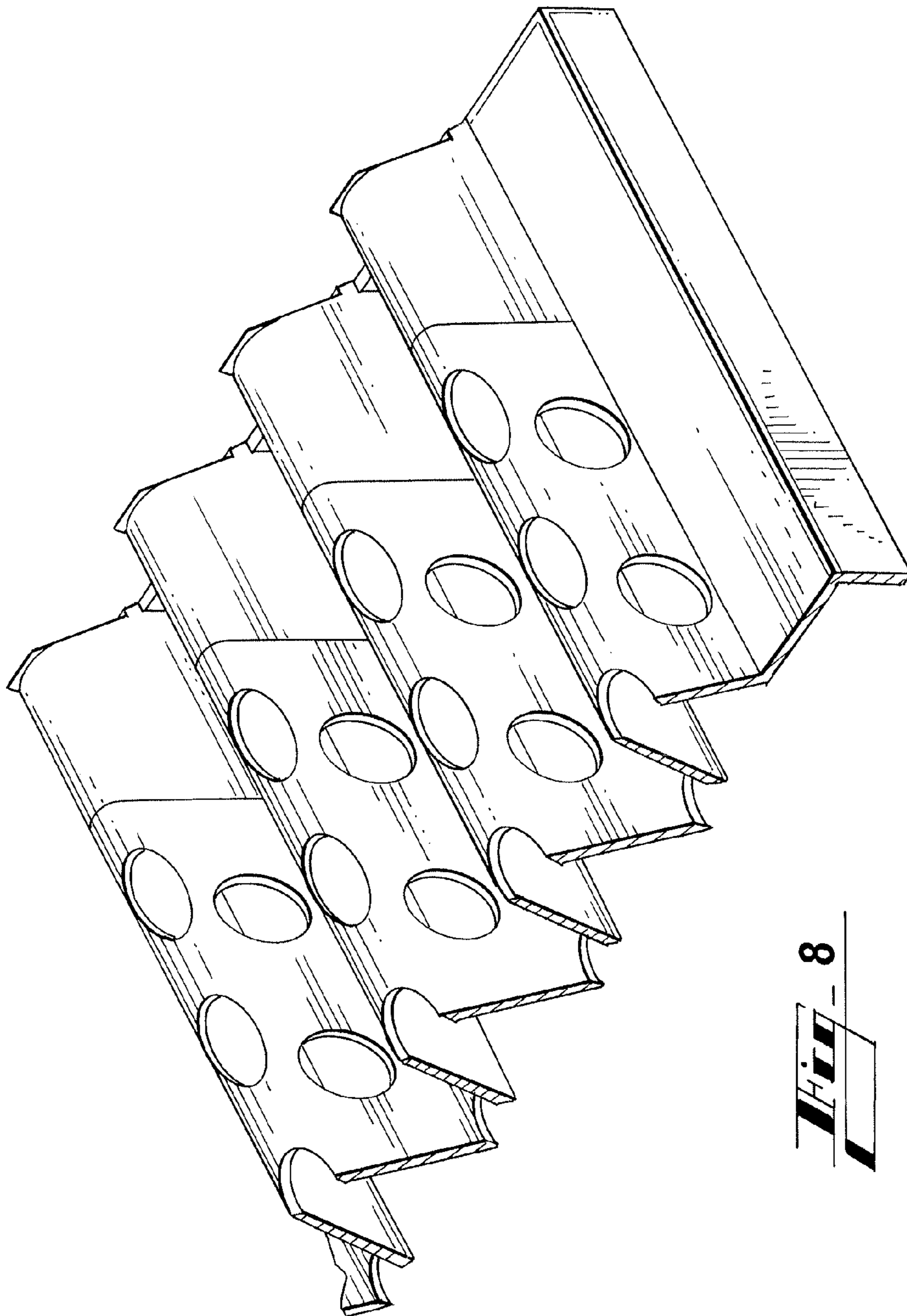


Fig. 7



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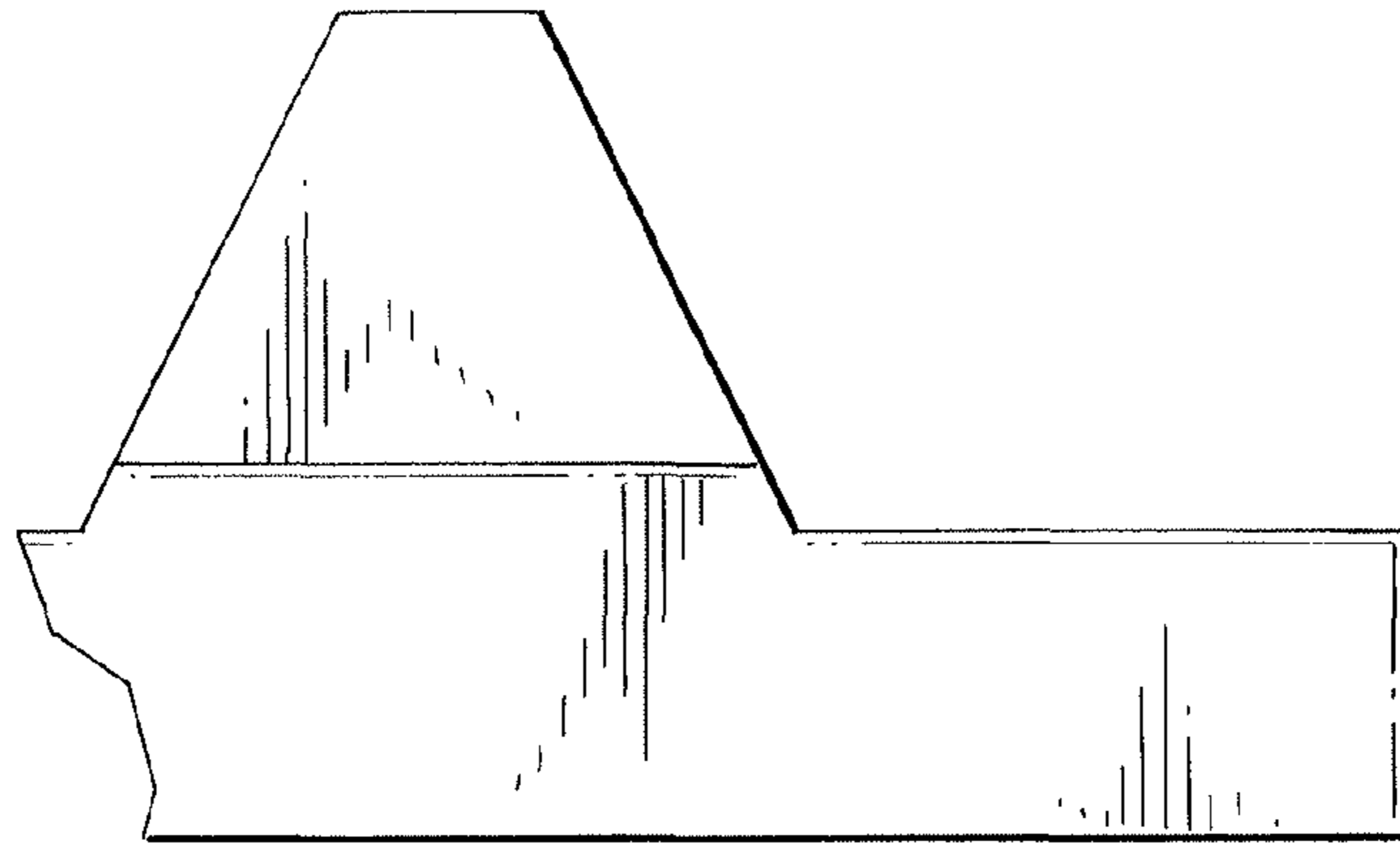


Fig. 9

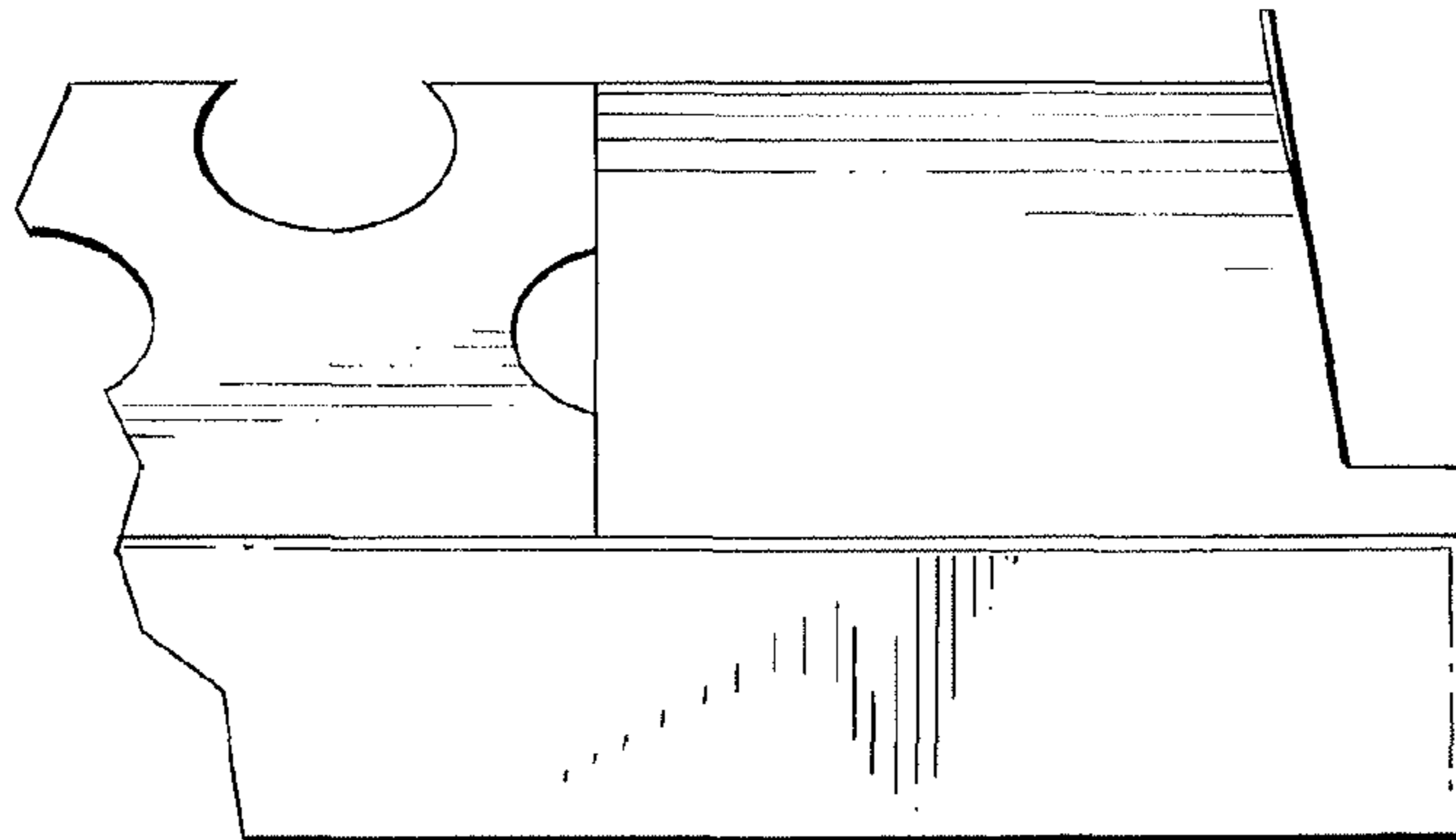


Fig. 10

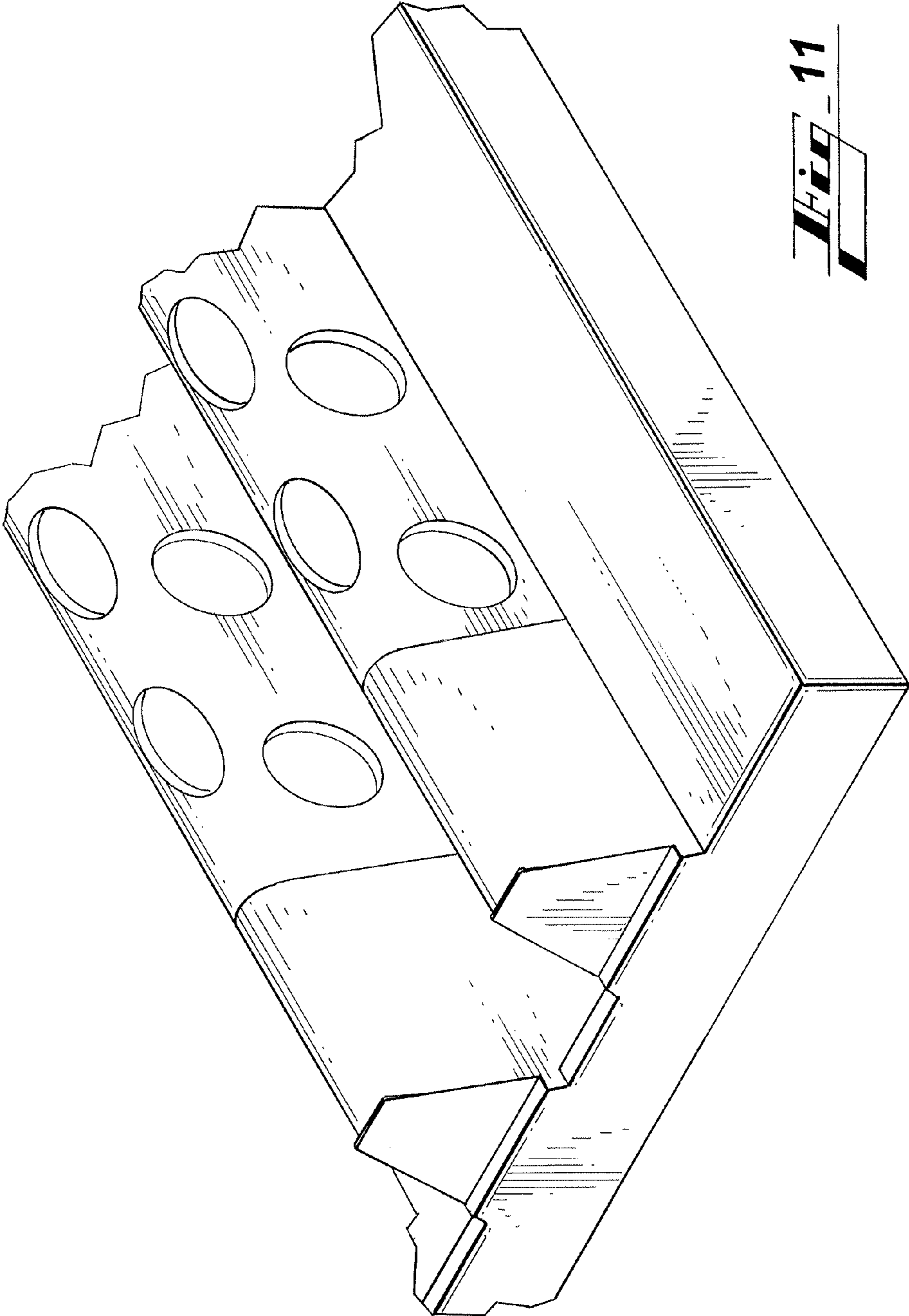


FIG. 11