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

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(54) **FUNNEL PLATE**

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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D273,582	S	*	4/1984	Bolt	.....	D13/182
D273,860	S	*	5/1984	Bolt	.....	D13/182
4,448,306	A	*	5/1984	Sinnadurai et al.	.....	206/725
4,881,639	A	*	11/1989	Matsuoka et al.	.....	206/724
5,103,976	A	*	4/1992	Murphy	.....	206/719
5,131,535	A	*	7/1992	O'Connor et al.	.....	206/722
5,203,452	A	*	4/1993	Small et al.	.....	206/725
5,400,904	A	*	3/1995	Maston et al.	.....	206/725
5,481,438	A	*	1/1996	Nemoto	.....	361/810
5,492,223	A	*	2/1996	Boardman et al.	.....	206/710
5,503,858	A	*	4/1996	Reskow	.....	426/119
5,746,319	A	*	5/1998	Murphy	.....	206/725
5,772,038	A	*	6/1998	Murata et al.	.....	206/725
5,791,486	A	*	8/1998	Brahmbhatt	.....	206/725
5,794,784	A	*	8/1998	Murphy	.....	206/725
5,848,703	A	*	12/1998	Murphy et al.	.....	206/725
D412,888	S	*	8/1999	Coveley	.....	D13/182
5,957,293	A	*	9/1999	Pakeriasamy	.....	206/725
5,960,961	A	*	10/1999	Gutentag	.....	206/714
6,015,046	A	*	1/2000	Brunelle	.....	206/511

6,021,904	A	*	2/2000	Kozol et al.	.....	206/724
6,179,127	B1	*	1/2001	Kato et al.	.....	206/714
6,227,372	B1	*	5/2001	Thomas et al.	.....	206/725
6,296,122	B1	*	10/2001	Nakazono et al.	.....	206/707
6,474,477	B1	*	11/2002	Chang	.....	206/725
6,612,442	B1	*	9/2003	Soh et al.	.....	206/725
D496,339	S	*	9/2004	Stanley	.....	D13/182
6,857,524	B1	*	2/2005	Duban-Hu et al.	.....	206/725
2001/0023839	A1	*	9/2001	Kunii et al.	.....	206/711
2002/0066693	A1	*	6/2002	Zhu et al.	.....	206/725
2002/0066694	A1	*	6/2002	Soh et al.	.....	206/725
2002/0162770	A1	*	11/2002	Chang	.....	206/725
2003/0230512	A1	*	12/2003	Yeh	206/714
2004/0011700	A1	*	1/2004	Brahmbhatt et al.	206/713

* cited by examiner

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(57) **CLAIM**

The ornamental design for a funnel plate, as shown and described.

DESCRIPTION

FIG. 1 is a front isometric view of a funnel plate in accordance with the new design;

FIG. 2 is a top view of the funnel plate design shown in FIG. 1;

FIG. 3 is a left side view of the funnel plate design shown in FIG. 1, the right side view being a mirror image;

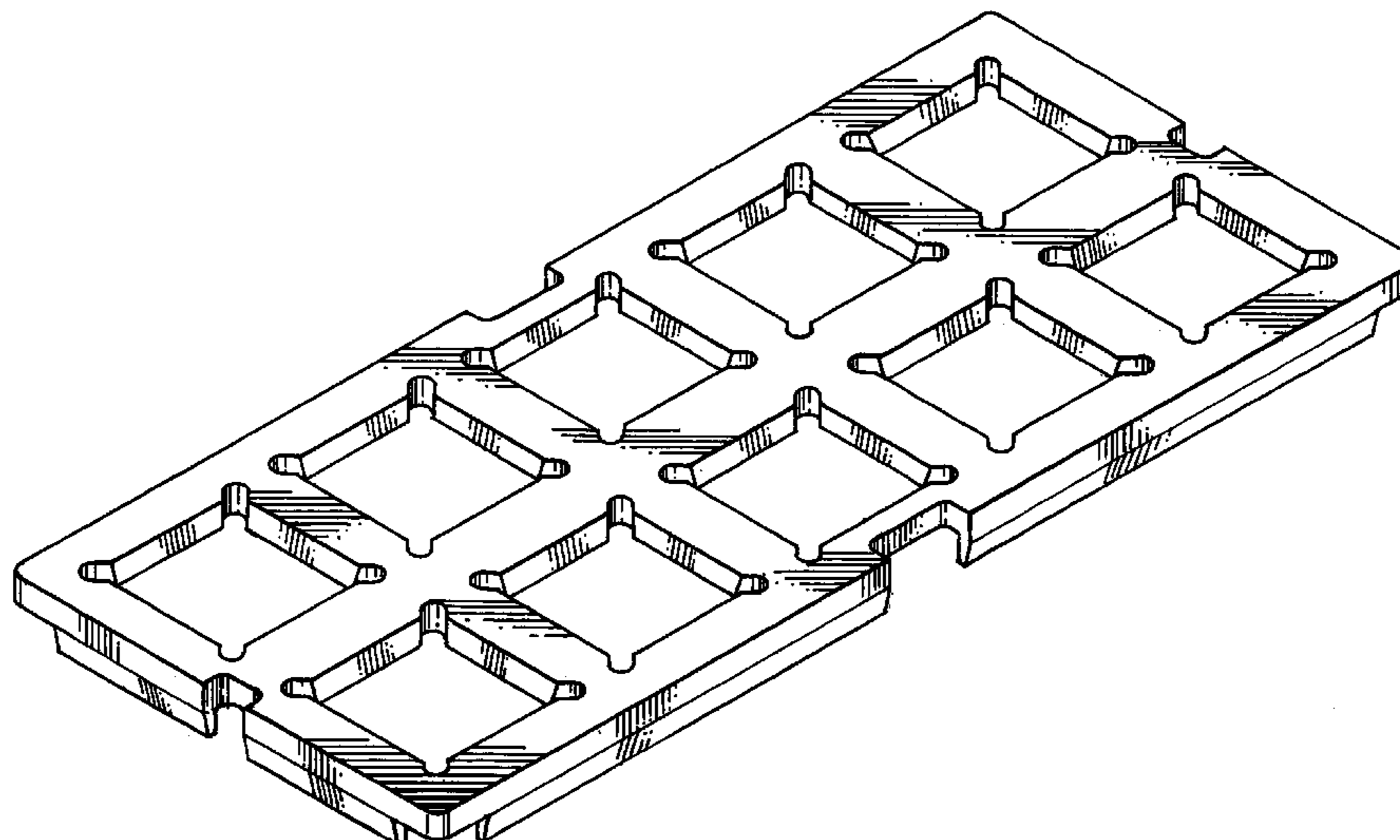
FIG. 4 is a bottom view of the funnel plate design shown in FIG. 1;

FIG. 5 is a front view of the funnel plate design shown in FIG. 1, the back view being a mirror image; and,

FIG. 6 is a side cross sectional view of the funnel plate shown in FIG. 2 along line 6—6.

The sectional view of FIG. 6 is included to clarify the shape of the design, and the broken lines therein form no part of the claimed design.

1 Claim, 3 Drawing Sheets



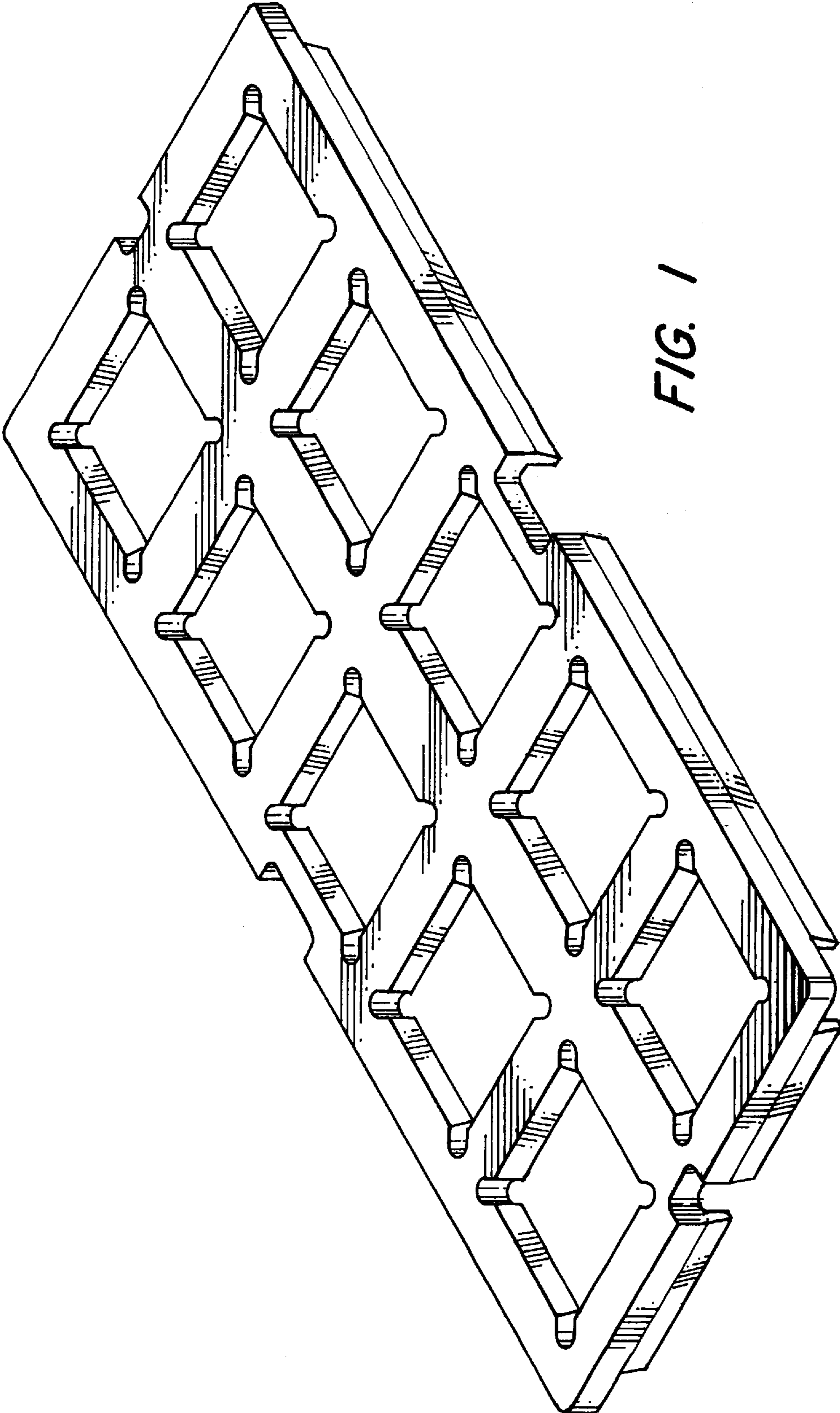


FIG. 1

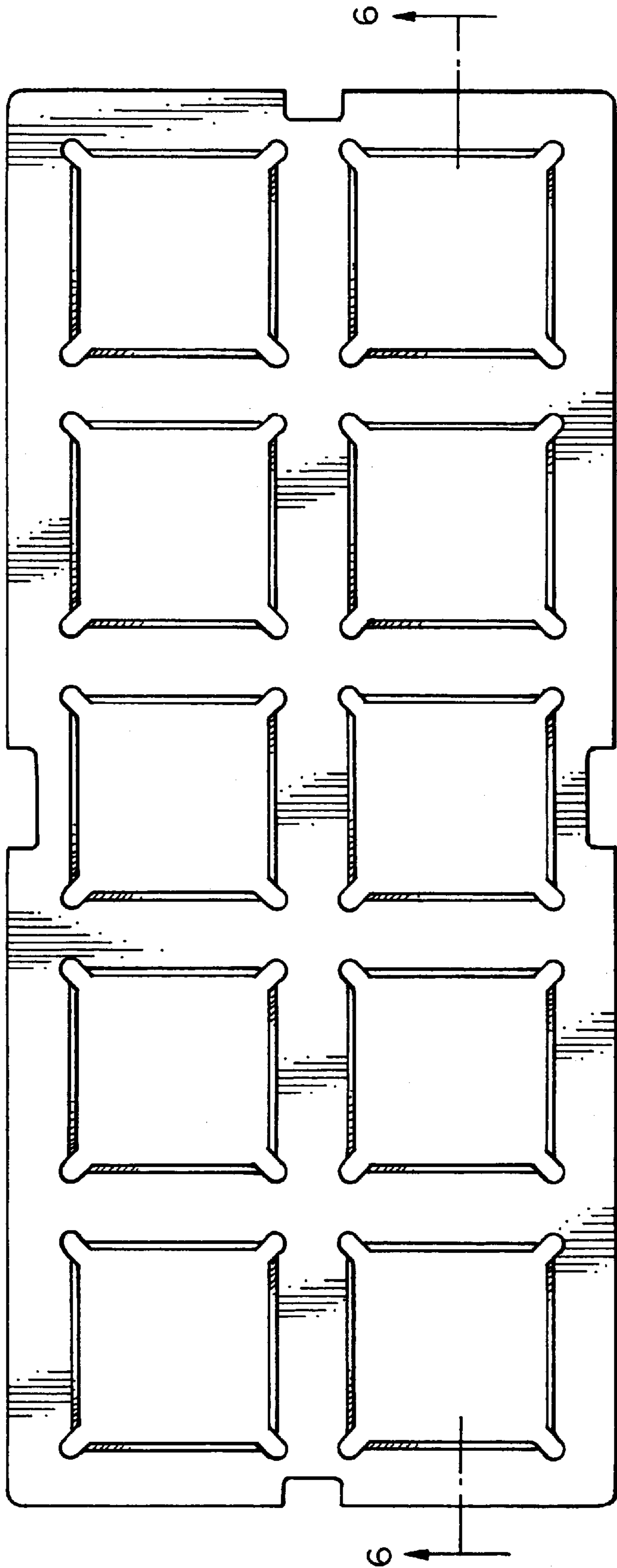


FIG. 2

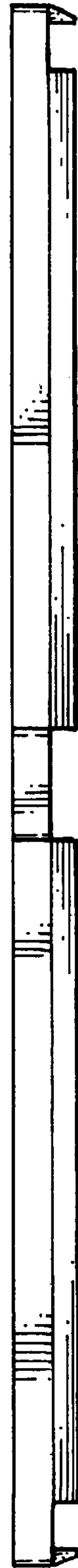


FIG. 3

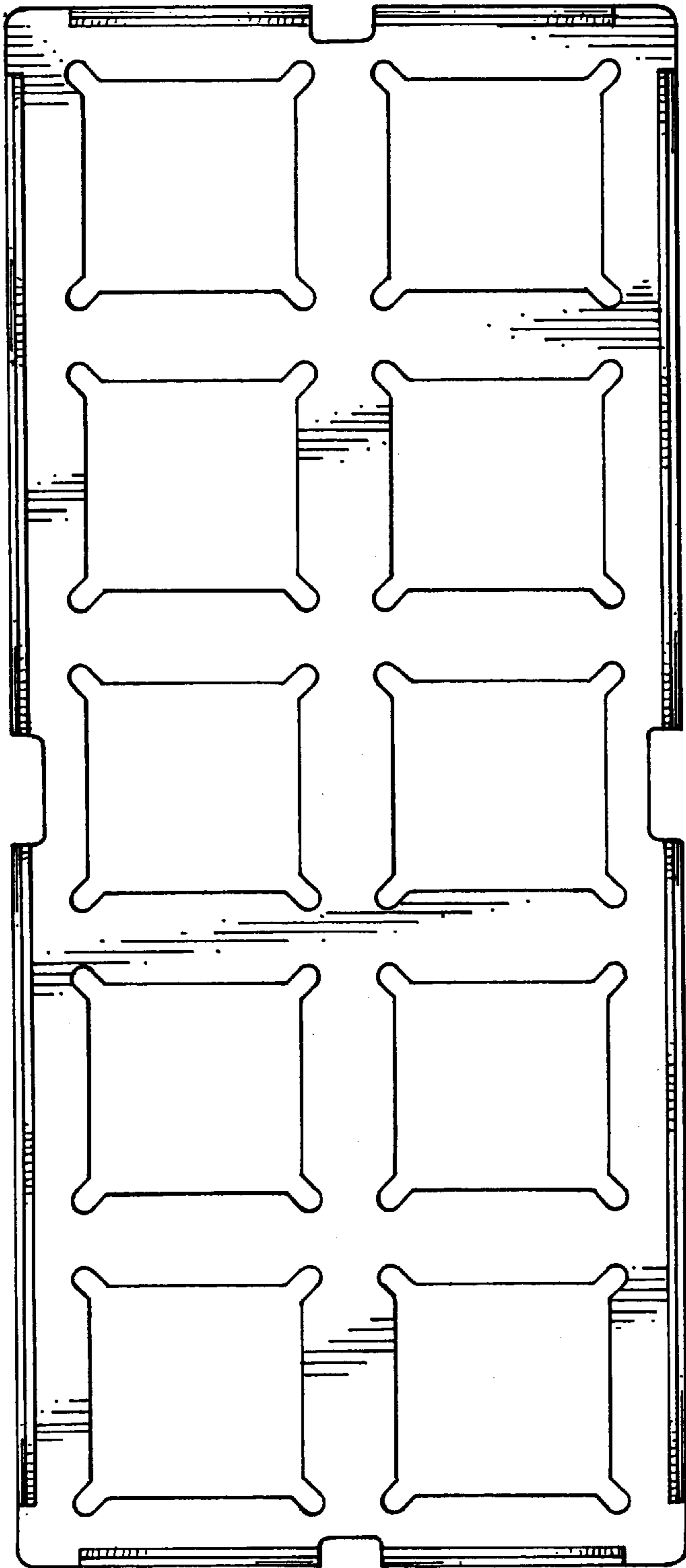


FIG. 4

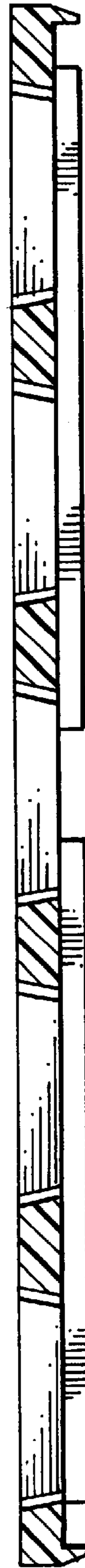


FIG. 6



FIG. 5