

[54] **PLATE HEAT EXCHANGER**

[75] **Inventor: Roy Holmberg, Jönköping, Sweden**  
 [73] **Assignee: Flakt Aktiebolag, Nacka, Sweden**  
 [\*\*] **Term: 14 Years**  
 [21] **Appl. No.: 704,195**  
 [22] **Filed: Feb. 22, 1985**

[30] **Foreign Application Priority Data**

Sep. 27, 1984 [SE] Sweden ..... 842602  
 [52] **U.S. Cl. .... D23/314**  
 [58] **Field of Search ..... D23/386, 314, 323, 330,  
 D23/386; 165/164-167, 148-157, 161-167**

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

D. 204,530	4/1966	Lochlin et al. ....	D23/330
D. 213,105	1/1969	McGuffey .....	D23/314
D. 221,945	9/1971	Carangelo .....	D23/314
D. 229,934	1/1974	Young .....	D23/314
2,596,642	5/1952	Boestad .....	257/245
3,893,509	7/1975	Satchwell et al. ....	165/166
3,986,549	10/1976	Huggins et al. ....	165/157 X
4,095,646	6/1978	Granetzke .....	165/166 X
4,099,928	7/1978	Norback .....	29/157.3
4,125,153	11/1978	Stoneberg .....	165/166
4,263,967	4/1981	McNab et al. ....	165/166
4,298,061	11/1981	Hoeffken .....	165/170
4,378,837	4/1983	Ospelt .....	165/166
4,398,332	8/1983	Rhodes .....	165/148 X

**FOREIGN PATENT DOCUMENTS**

0147866	10/1985	European Pat. Off. .
2630905	12/1978	Fed. Rep. of Germany .
2630551	7/1982	Fed. Rep. of Germany .
64460	7/1983	Finland .
962386	6/1950	France .
7621129	11/1976	France .
7722321	7/1977	France .
7621908	11/1977	France .
7800922	11/1978	France .
147335	8/1954	Sweden .
7703862-8	4/1982	Sweden .
7713280-1	8/1982	Sweden .
656213	3/1978	Switzerland .
510206	7/1939	United Kingdom .
510197	7/1939	United Kingdom .
2071838	8/1981	United Kingdom .

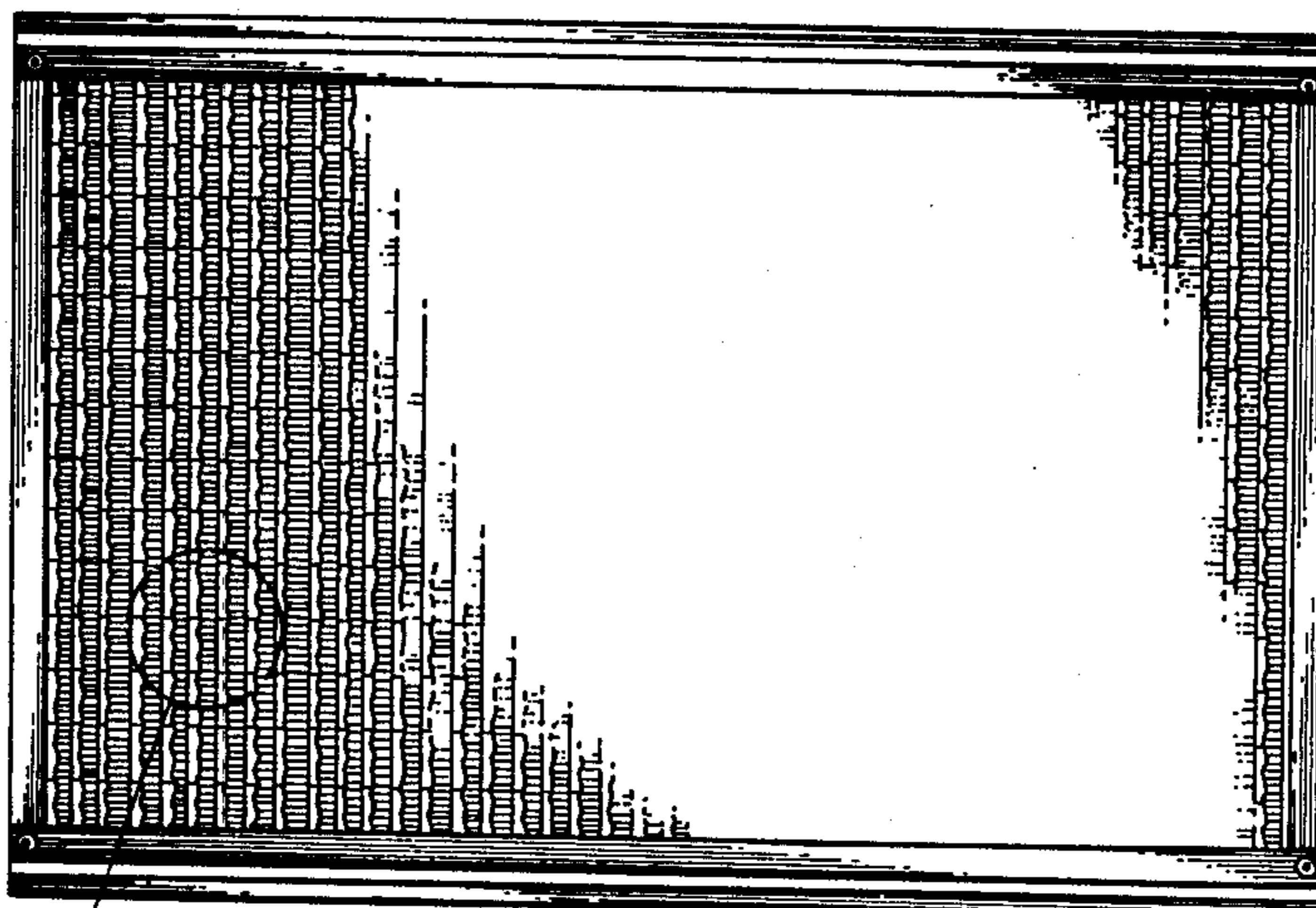
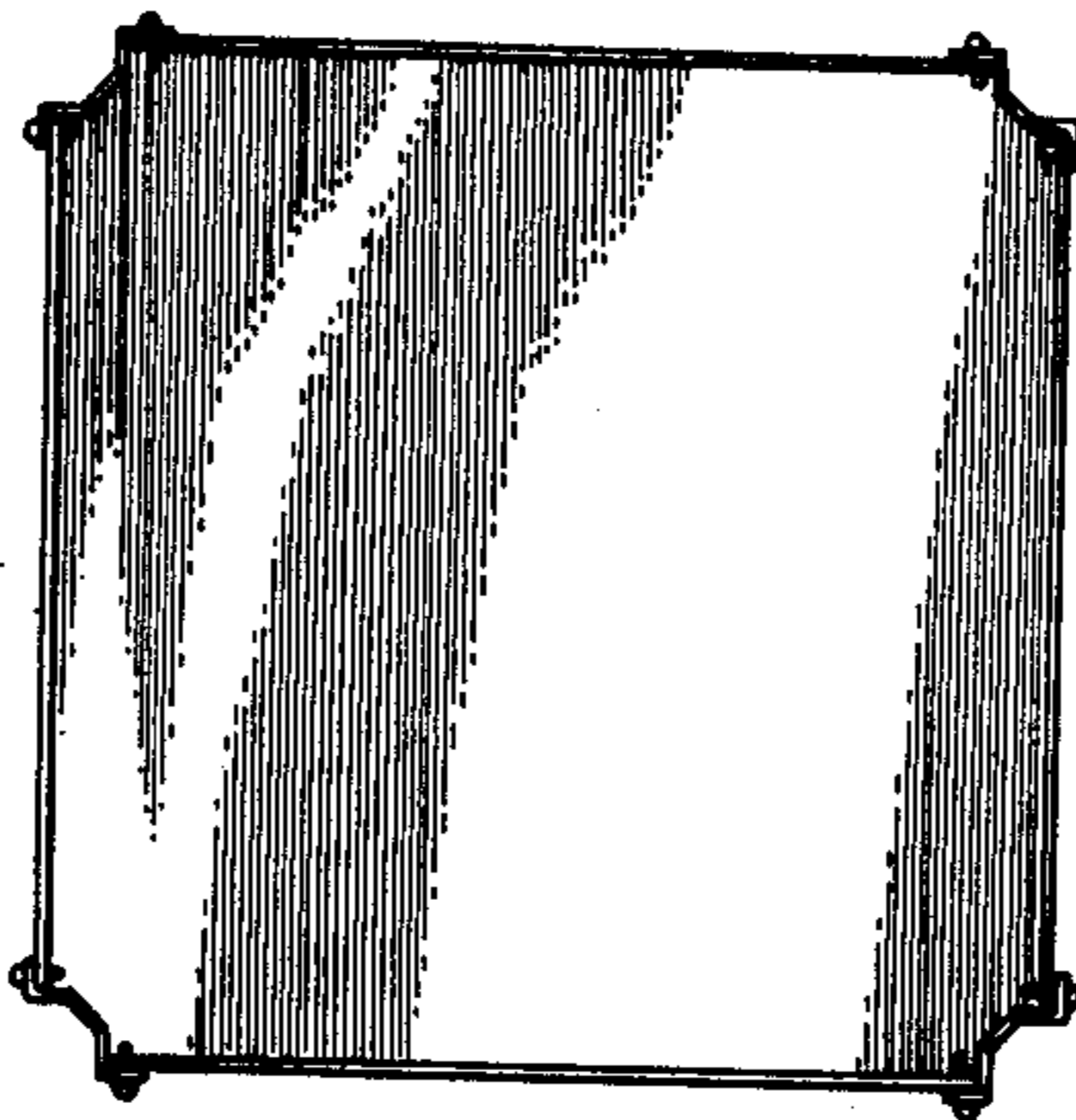
*Primary Examiner*—Susan J. Lucas  
*Attorney, Agent, or Firm*—Dann, Dorfman, Herrell and Skillman

[57] **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a left side elevational view of a plate heat exchanger showing my new design, the right side being a mirror image;  
 FIG. 2 is a front elevational view thereof, the top being identical and the rear and bottom being a mirror image;  
 FIG. 3 is an enlarged fragmentary view of the plate as seen in circle 3 in FIG. 2.



3

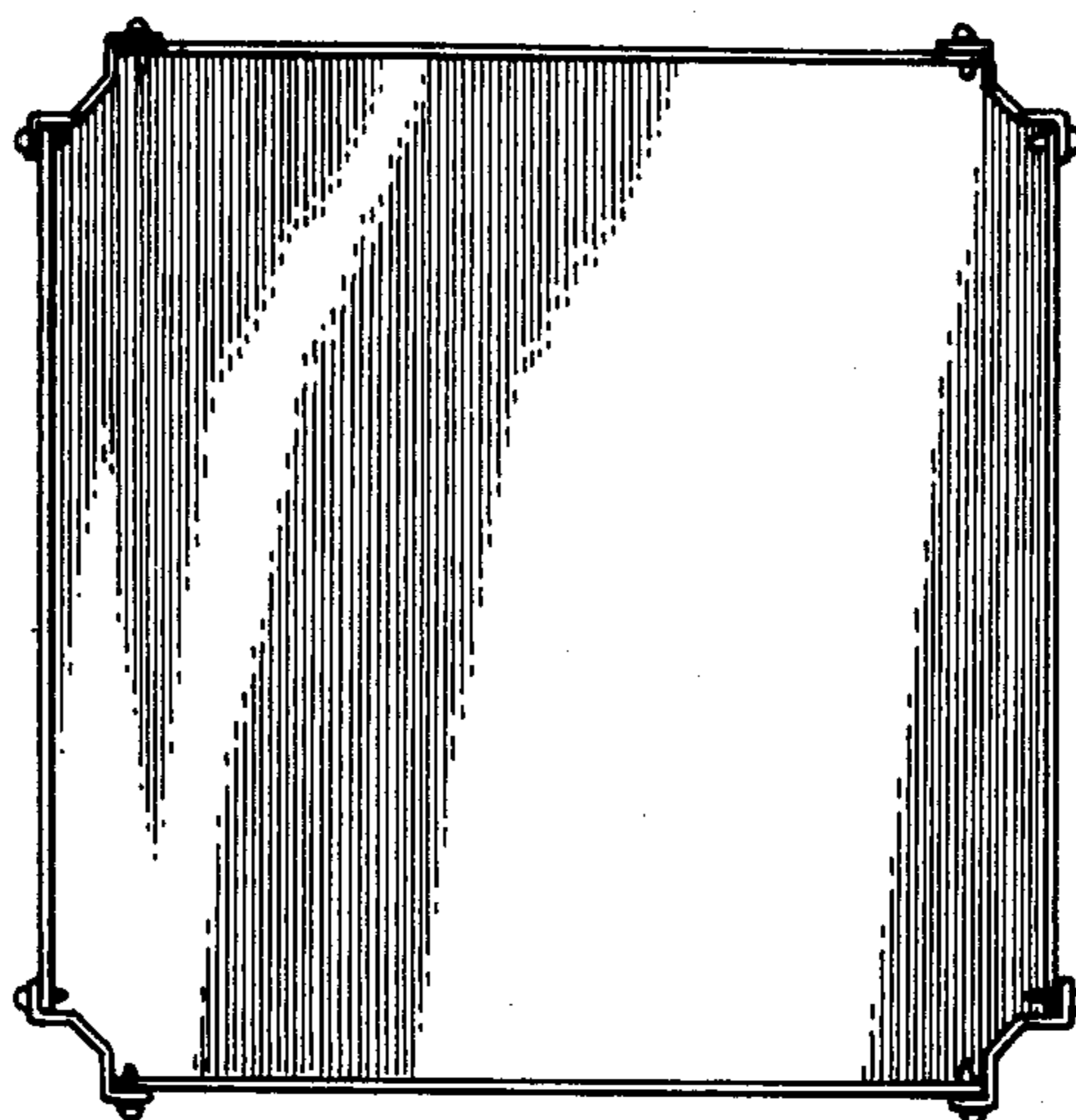


FIG. 1

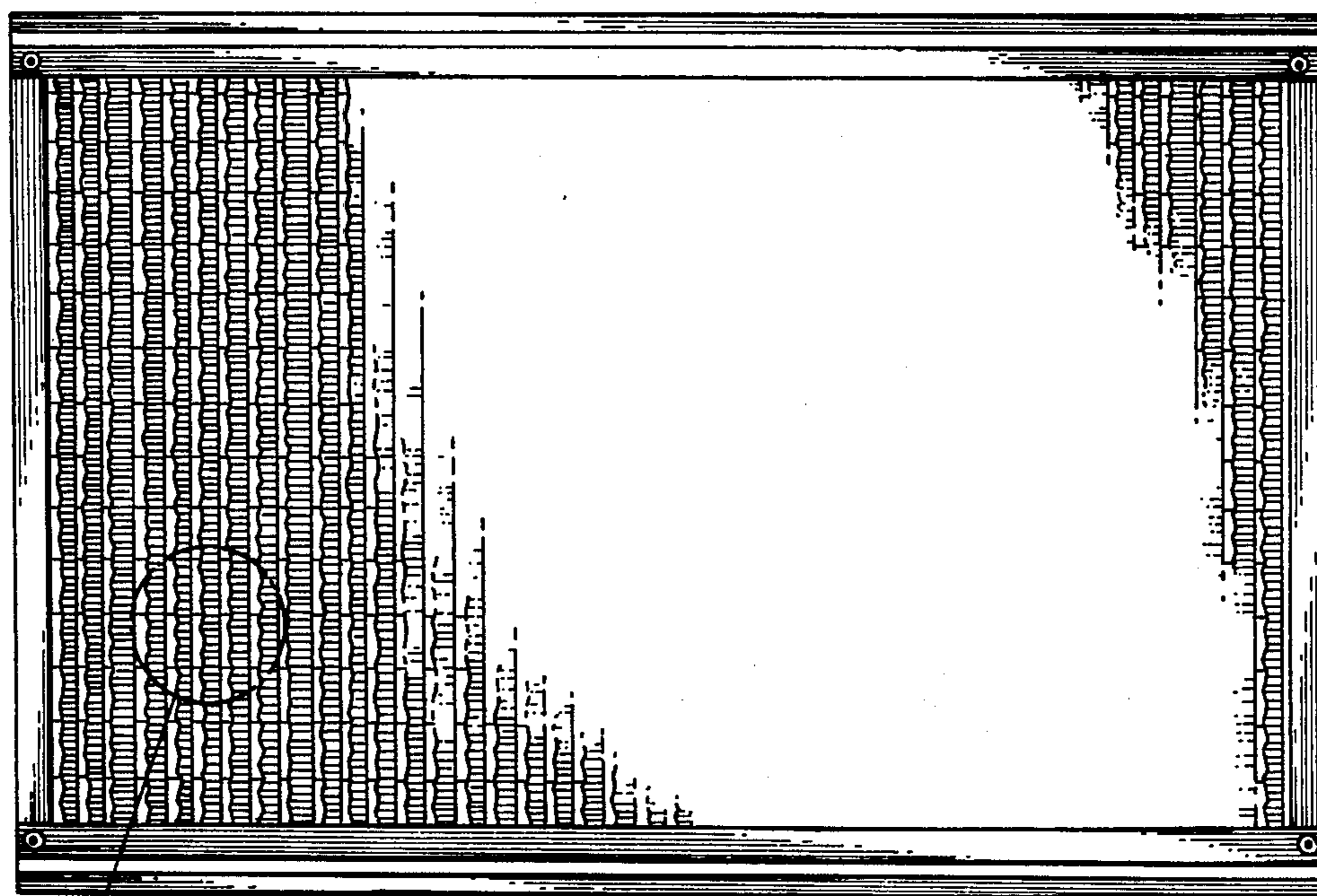


FIG. 2

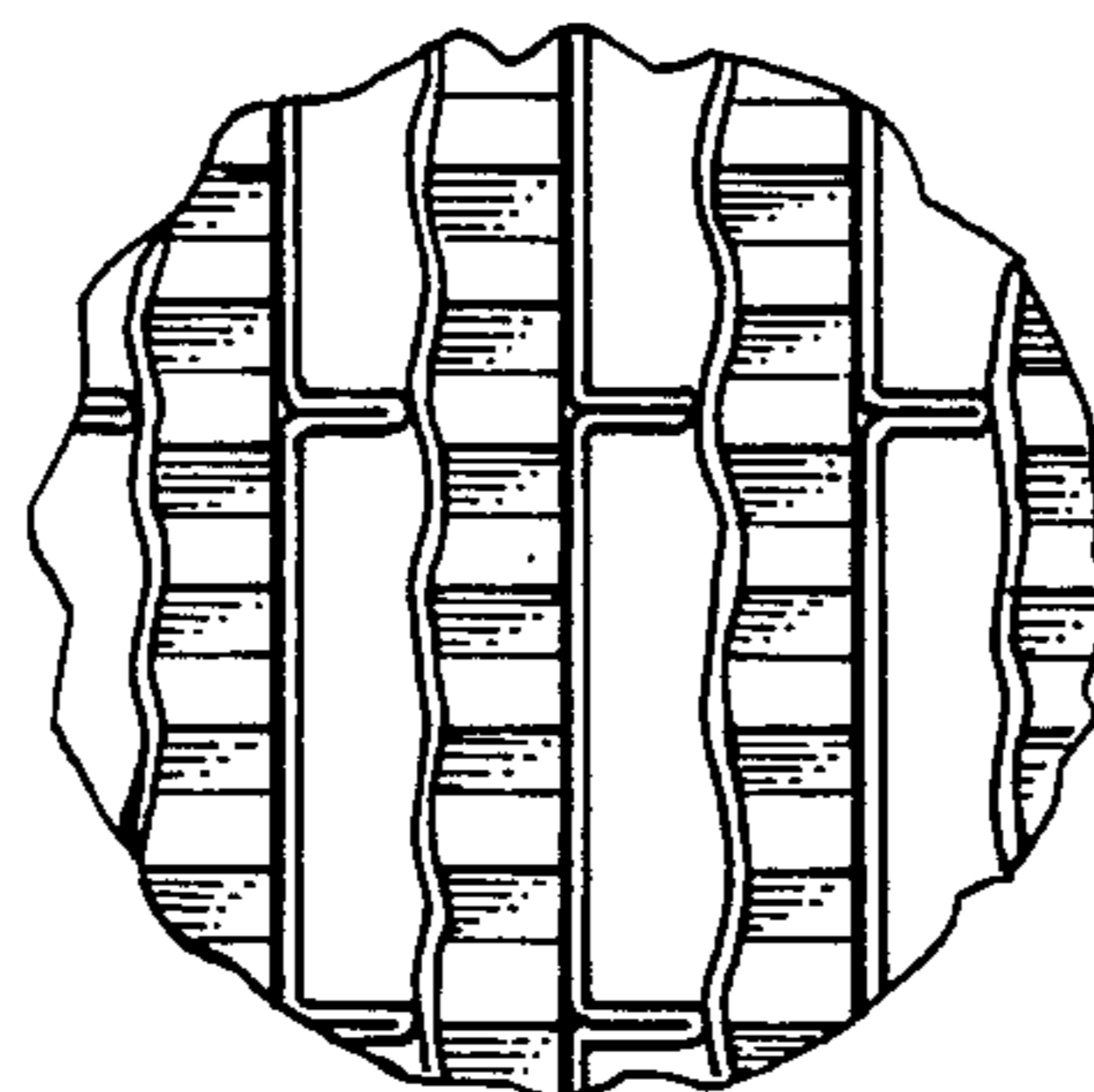


FIG. 3