



US00D531197S

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

(10) **Patent No.:** **US D531,197 S**  
(45) **Date of Patent:** **\*\* Oct. 31, 2006**

(54) **EXTRUDER PLATE FOR DIAMOND SHAPED EXTRUDER INSERT**

(75) Inventor: **James M. Pinchot**, Parma, OH (US)

(73) Assignee: **JMP Industries, Inc.**, Cleveland, OH (US)

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

(21) Appl. No.: **29/252,800**

(22) Filed: **Jan. 27, 2006**

(51) **LOC (8) Cl.** ..... **15-99**

(52) **U.S. Cl.** ..... **D15/199**

(58) **Field of Classification Search** ..... D15/139,  
D15/199; 264/117.12, 209.1, 209.8; 366/76.1,  
366/149; 425/190, 208, 380  
See application file for complete search history.

D446,794 S	8/2001	Pinchot
D450,732 S	11/2001	Pinchot
D452,257 S	12/2001	Pinchot
D469,116 S	1/2003	Pinchot
D469,117 S	1/2003	Pinchot
D469,452 S	1/2003	Pinchot
D469,453 S	1/2003	Pinchot
D469,454 S	1/2003	Pinchot
D470,870 S	2/2003	Pinchot
D485,286 S	1/2004	Pinchot
D494,198 S	8/2004	Pinchot
D496,377 S	9/2004	Pinchot
2001/0008642 A1	7/2001	Meyer
2004/0022886 A1	2/2004	Sagar

\* cited by examiner

*Primary Examiner*—Antoine D. Davis  
*Assistant Examiner*—Patricia Palasik  
(74) *Attorney, Agent, or Firm*—Fay, Sharpe, Fagan,  
Minnich & McKee; Brian E. Turung

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,279,515 A	*	7/1981	Effenberger et al.	.....	366/149
4,293,357 A		10/1981	Higuchi et al.		
4,551,087 A	*	11/1985	Pan et al.	.....	72/269
4,738,735 A		4/1988	Joncker et al.		
5,878,804 A		3/1999	Williams et al.		
5,882,782 A		3/1999	Tsubone		
5,938,992 A		8/1999	Hamanaka et al.		
5,972,254 A		10/1999	Sander		
6,045,764 A		4/2000	Iizuka et al.		
6,156,698 A		12/2000	Iida et al.		
6,162,524 A		12/2000	Patchett et al.		
6,206,675 B1	*	3/2001	BeVier	.....	425/190
D442,612 S		5/2001	Pinchot		
D444,487 S		7/2001	Pinchot		

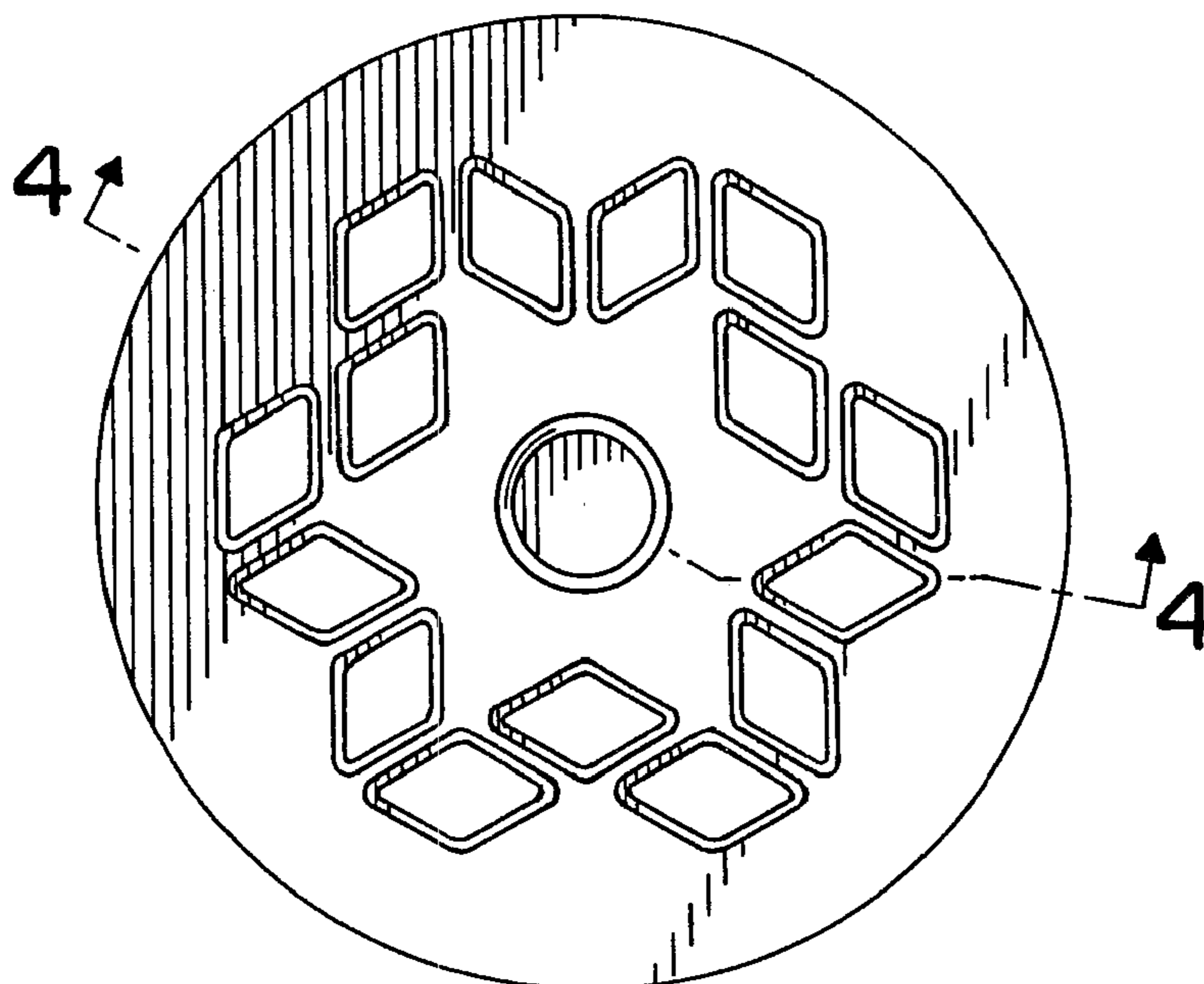
(57) **CLAIM**

The ornamental design for an extruder plate for diamond shaped extruder insert, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of an extruder plate for a diamond shaped extruder insert showing my new design;  
FIG. 2 is a side view of an extruder plate for a diamond shaped extruder insert showing my new design;  
FIG. 3 is a bottom plan view of an extruder plate for a diamond shaped extruder insert showing my new design;  
and,  
FIG. 4 is a cross-sectional view along line 4—4 of FIG. 1.

**1 Claim, 1 Drawing Sheet**



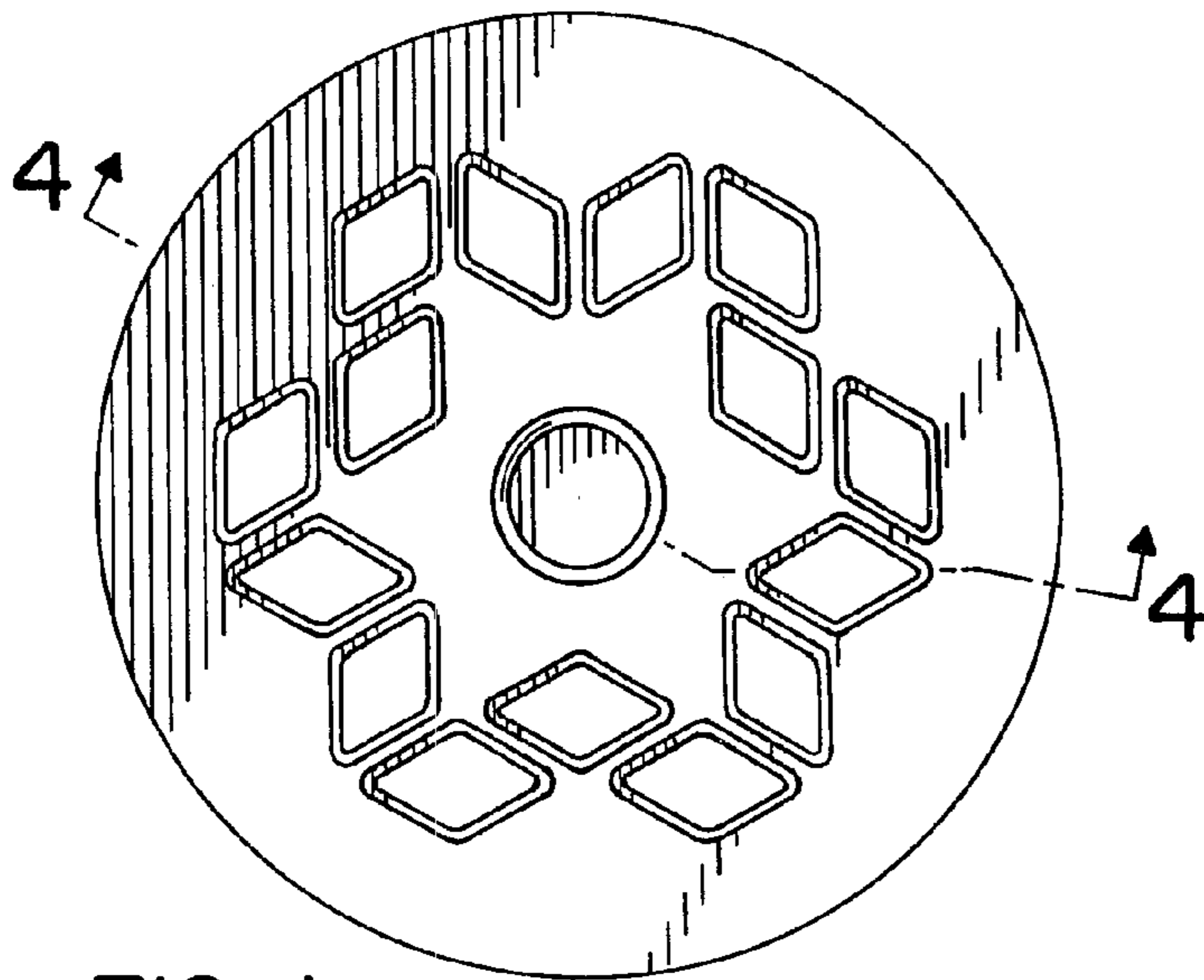


FIG. 1



FIG. 2

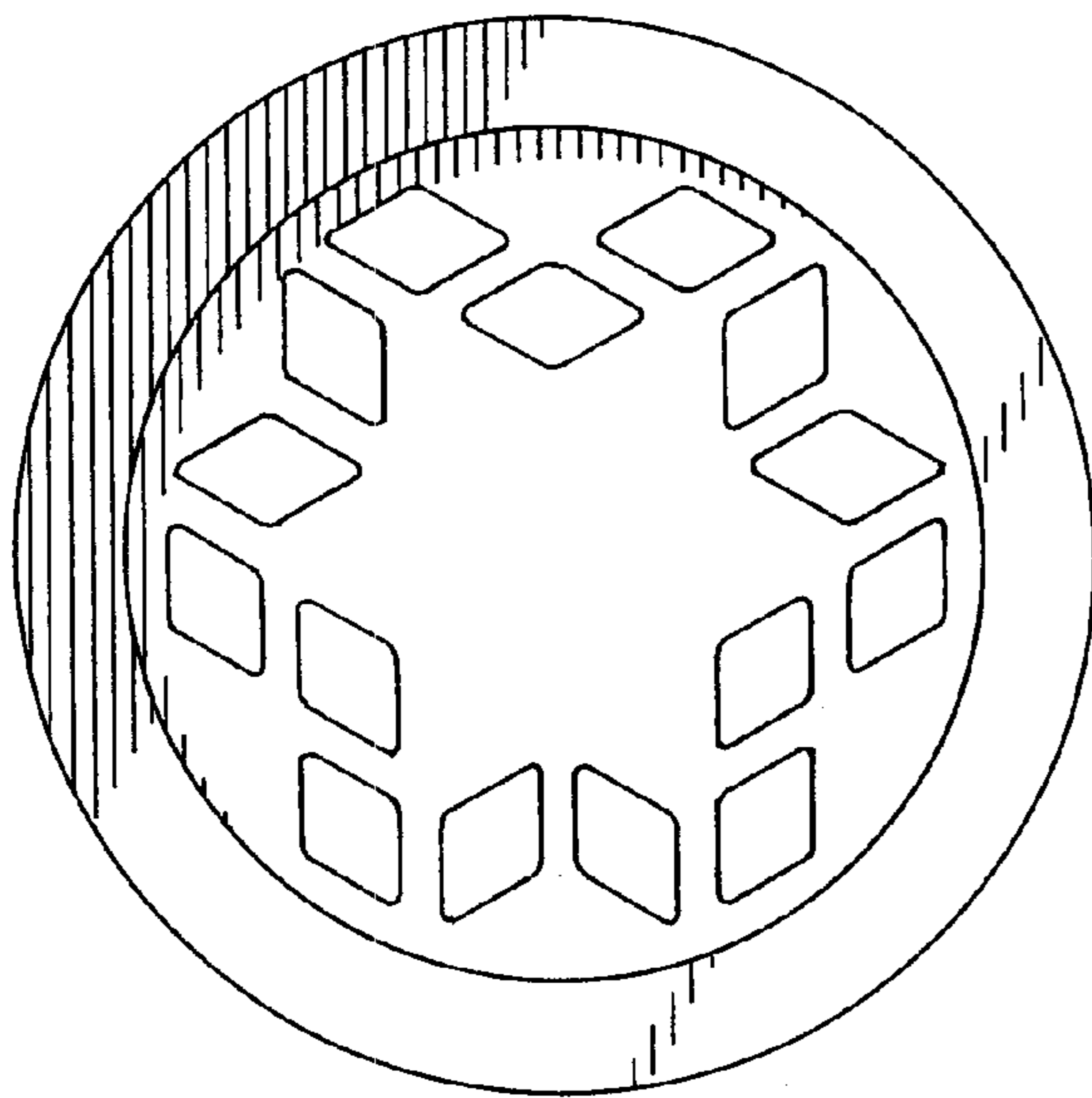


FIG. 3



FIG. 4