



US00D469116S

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

(10) **Patent No.:** **US D469,116 S**

(45) **Date of Patent:** **\*\* Jan. 21, 2003**

(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.:** **29/158,770**

(22) **Filed:** **Apr. 9, 2002**

(51) **LOC (7) Cl.** ..... **15-99**

(52) **U.S. Cl.** ..... **D15/199; D15/139**

(58) **Field of Search** ..... D15/138, 139, D15/199; 156/89; 423/213.5, 213.7; 428/116; 264/39, 621, 43, 44, 229, 631, 177.12; 134/22.12; 501/95.2; 502/303-305, 328; 425/190, 191, 192 R, 192 S

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|               |         |                |         |
|---------------|---------|----------------|---------|
| 4,293,357 A   | 10/1981 | Higuchi et al. |         |
| 4,738,735 A   | 4/1988  | Joncker et al. |         |
| 4,743,191 A * | 5/1988  | Chao           | 425/190 |
| 4,846,657 A * | 7/1989  | Chao           | 425/190 |

|              |         |                 |
|--------------|---------|-----------------|
| 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          |
| D442,612 S   | 5/2001  | Pinchot         |
| D444,487 S   | 7/2001  | Pinchot         |
| D446,794 S   | 8/2001  | Pinchot         |
| D450,732 S   | 11/2001 | Pinchot         |
| D452,257 S   | 12/2001 | Pinchot         |

\* cited by examiner

*Primary Examiner*—Antoine Duval Davis

(74) *Attorney, Agent, or Firm*—Fay, Sharpe, Fagan, Minnich & McKee

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a plane view of an extruder plate for diamond shaped extruder insert showing my new design.

**1 Claim, 1 Drawing Sheet**

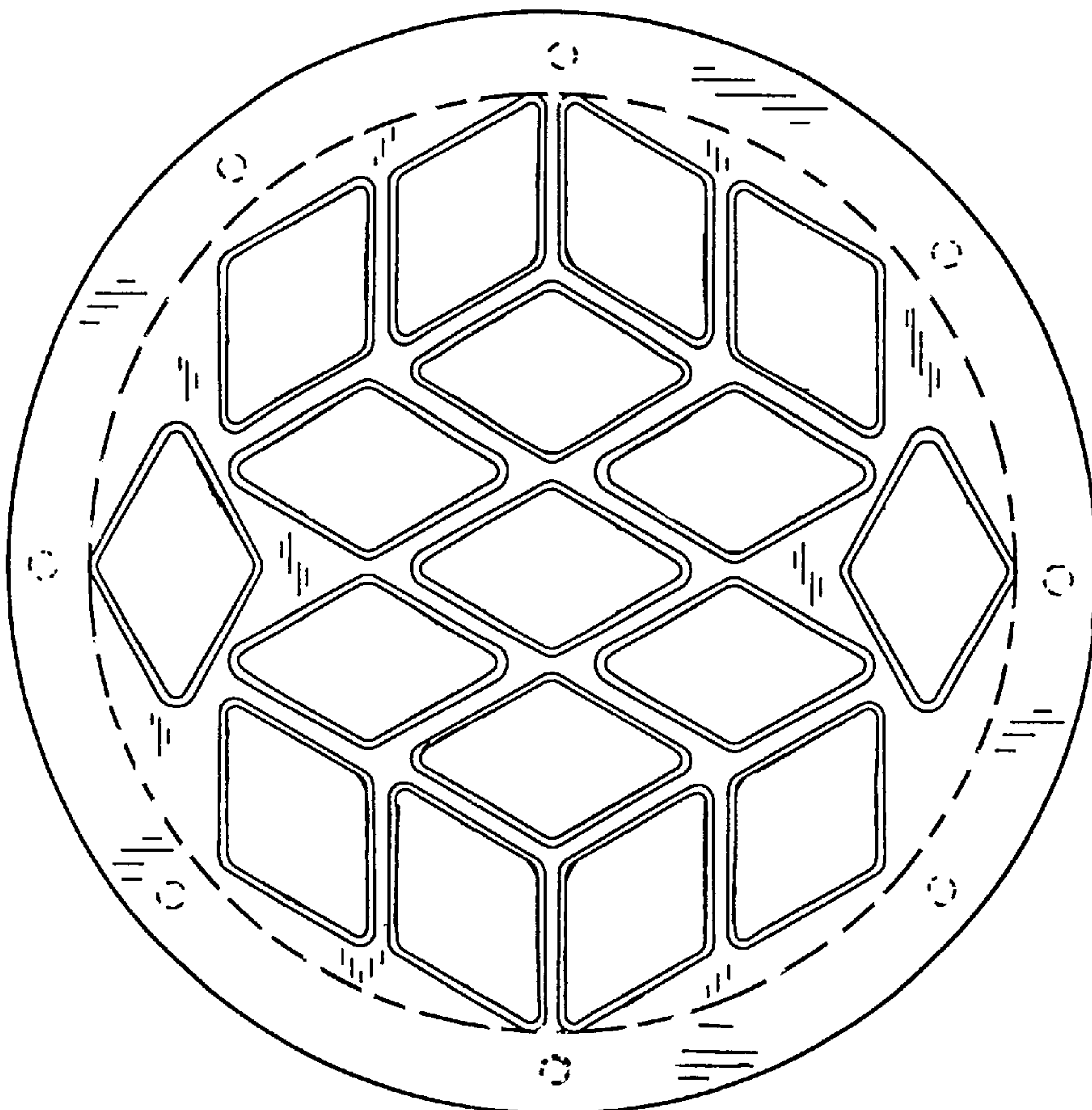


FIG. 1

