



US00D573617S

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

(10) **Patent No.:** **US D573,617 S**  
(45) **Date of Patent:** **\*\* \*Jul. 22, 2008**

(54) **EXTRUDER INSERT**

D452,257 S 12/2001 Pinchot

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

(Continued)

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

FOREIGN PATENT DOCUMENTS

EP 0 556 006 8/1993

(\*) Notice: This patent is subject to a terminal disclaimer.

(Continued)

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

OTHER PUBLICATIONS

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(21) Appl. No.: **29/285,108**

(Continued)

(22) Filed: **Mar. 21, 2007**

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*Assistant Examiner*—Patricia Palasik

(51) **LOC (8) Cl.** ..... **15-09**

(74) *Attorney, Agent, or Firm*—Fay Sharpe LLP; Brian E. Turung

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

(58) **Field of Classification Search** ..... D7/368,  
D7/387, 665, 672, 676, 677; D15/138, 139,  
D15/199; D21/386, 478, 484, 505; 134/22.12;  
156/89; 264/39, 43, 44, 177.12, 229, 621,  
264/631; 425/190, 191, 192 S, 192 R; 428/116,  
428/213.5, 217.5; 501/95.2; 502/303–305,  
502/328

(57) **CLAIM**

See application file for complete search history.

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

(56) **References Cited**

**DESCRIPTION**

U.S. PATENT DOCUMENTS

4,293,357 A	10/1981	Higuchi et al.	
4,738,735 A	4/1988	Joncker et al.	
4,846,657 A *	7/1989	Chao	425/190
D400,937 S *	11/1998	Lun	D21/478
5,882,782 A	3/1999	Tsubone	
D411,261 S *	6/1999	Movsesian	D21/504
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	D15/199
D446,794 S	8/2001	Pinchot	
D450,732 S	11/2001	Pinchot	

FIG. 1 is a perspective view of an extruder insert showing my new design;

FIG. 2 is a top view of the extruder insert showing my new design;

FIG. 3 is an front end view of the extruder insert showing my new design;

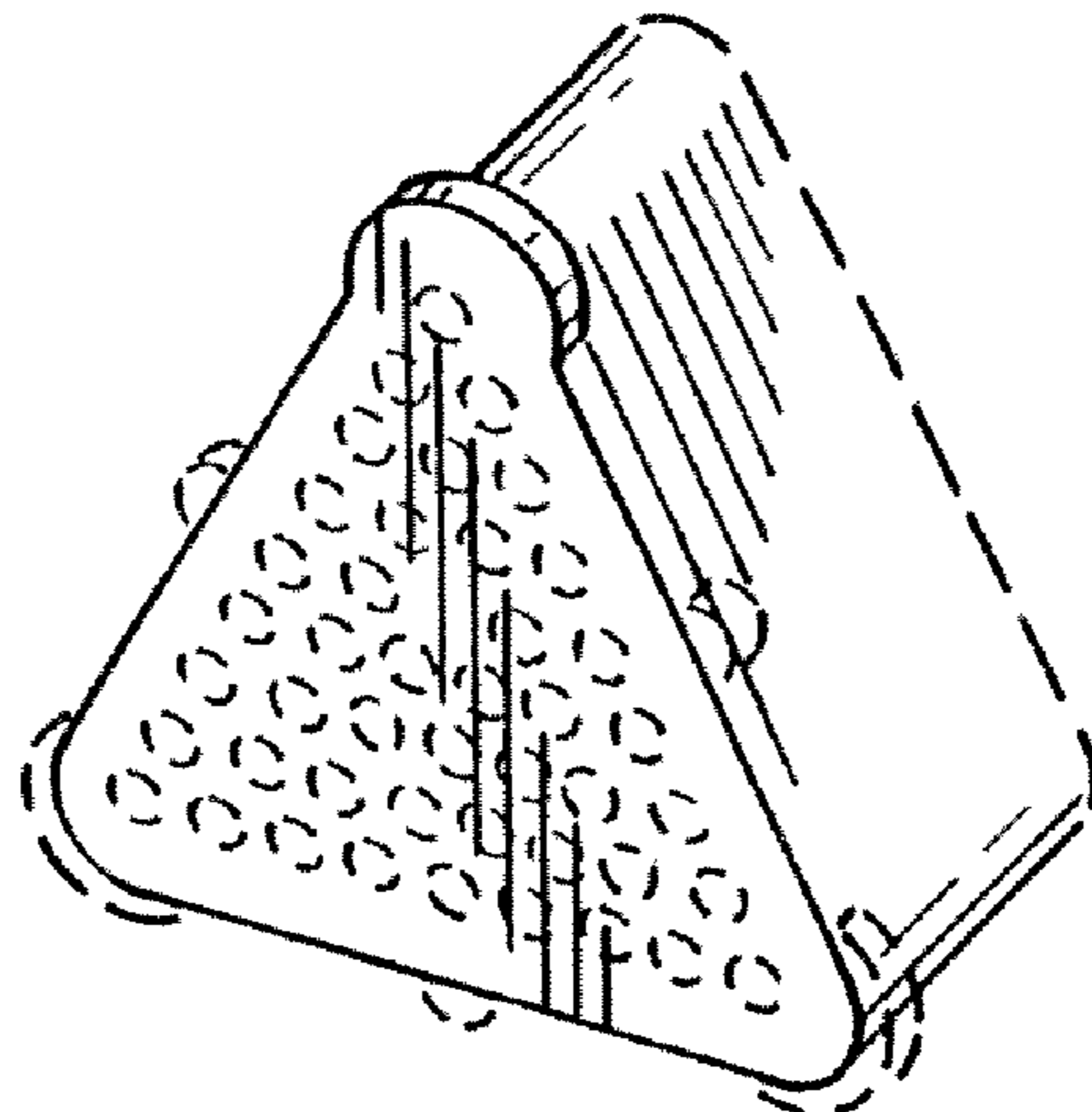
FIG. 4 is a side view of the extruder insert showing my new design;

FIG. 5 is a bottom view of the extruder insert showing my new design; and,

FIG. 6 is a back end view of the extruder insert showing my new design.

The broken line showing of a surface and a circle grouping and portions of the extruder insert are included for the purpose of illustrating non-claimed subject matter and form no part of the claimed design.

**1 Claim, 1 Drawing Sheet**



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## U.S. PATENT DOCUMENTS

D469,116 S 1/2003 Pinchot  
D469,117 S \* 1/2003 Pinchot ..... D15/139  
D469,452 S 1/2003 Pinchot  
D469,453 S 1/2003 Pinchot  
D469,454 S 1/2003 Pinchot  
D470,869 S \* 2/2003 Pinchot ..... D15/139  
D470,870 S \* 2/2003 Pinchot ..... D15/139  
D472,252 S 3/2003 Pinchot  
D485,286 S 1/2004 Pinchot  
D494,198 S 8/2004 Pinchot  
D496,377 S 9/2004 Pinchot  
D497,376 S 10/2004 Pinchot  
D505,164 S \* 5/2005 McCabe ..... D21/505  
D523,452 S 6/2006 Pinchot  
D531,197 S 10/2006 Pinchot  
D534,562 S 1/2007 Pinchot  
D544,891 S \* 6/2007 Pinchot ..... D15/139  
2001/0008642 A1 7/2001 Meyer  
2004/0022886 A1 2/2004 Sagar

## FOREIGN PATENT DOCUMENTS

EP 0 556 030 8/1993  
EP 0 556 022 6/1996  
WO PCT/US2006/005731 2/2006  
WO PCT/US2007/000300 1/2007

## OTHER PUBLICATIONS

U.S. Appl. No. 60/548,693, filed Feb. 27, 2004, Pinchot.  
U.S. Appl. No. 11/062,220, filed Feb. 18, 2005.  
U.S. Appl. No. 29/242,613, filed Nov. 10, 2005.  
U.S. Appl. No. 29/242,779, filed Nov. 15, 2005.  
U.S. Appl. No. 29/242,881, filed Nov. 15, 2005.  
U.S. Appl. No. 29/263,182, filed Jul. 14, 2006.

U.S. Appl. No. 29/263,183, filed Jul. 14, 2006.  
U.S. Appl. No. 29/263,184, filed Jul. 14, 2006.  
U.S. Appl. No. 29/263,185, filed Jul. 14, 2006.  
U.S. Appl. No. 29/263,364, filed Jul. 14, 2006.  
U.S. Appl. No. 11/651,063, filed Jan. 8, 2007.  
U.S. Appl. No. 29/272,847, filed Feb. 20, 2007.  
U.S. Appl. No. 29/285,075, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,076, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,077, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,078, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,079, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,080, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,081, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,082, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,083, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,084, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/295,092, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,094, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,095, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,096, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,098, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,099, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,100, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,108, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,101, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,109, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,110, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,111, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,112, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,115, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,116, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,127, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,128, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,130, filed Mar. 21, 2007, Pinchot.  
U.S. Appl. No. 29/285,131, filed Mar. 21, 2007, Pinchot.

\* cited by examiner

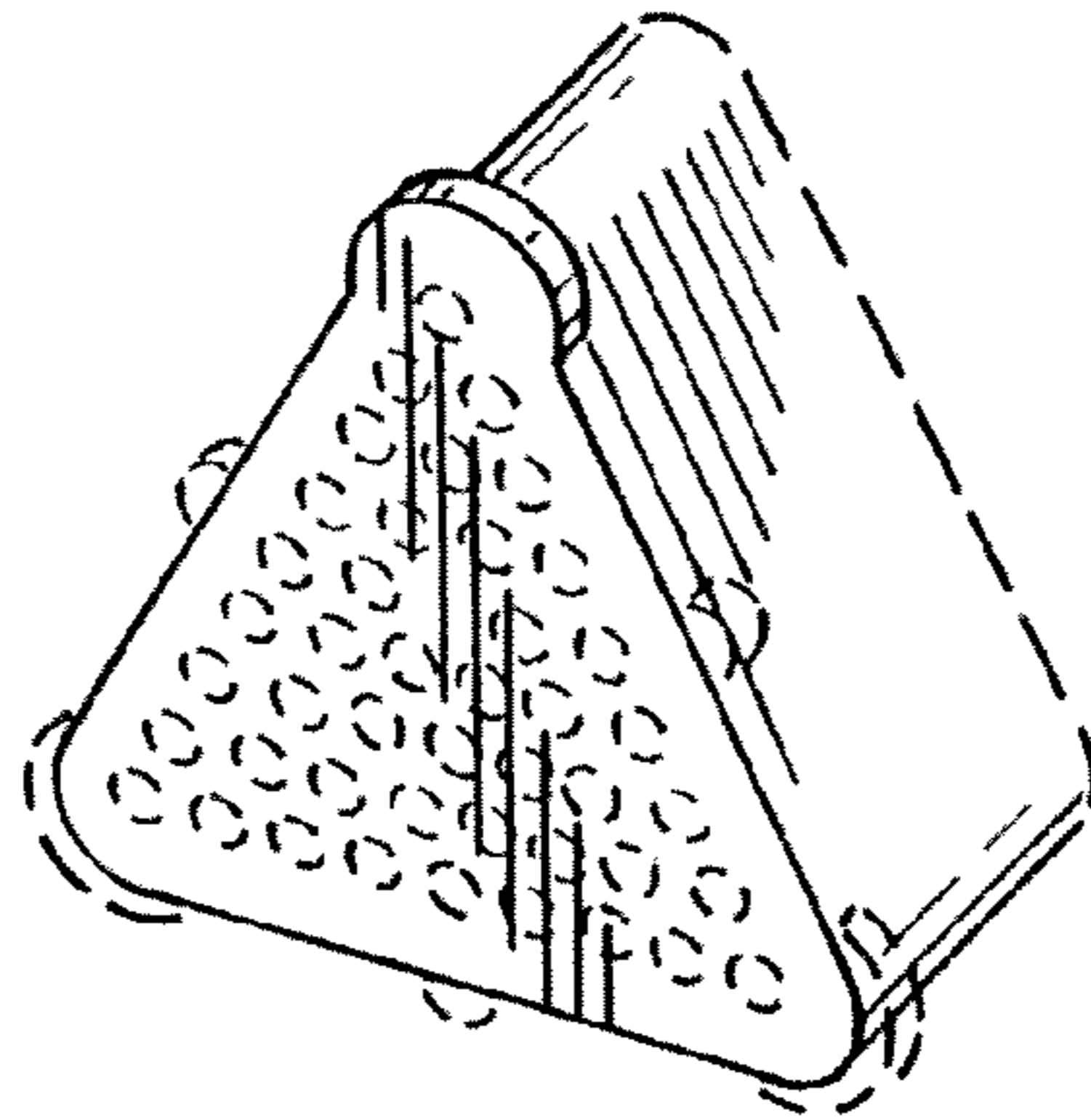


FIG. 1



FIG. 3

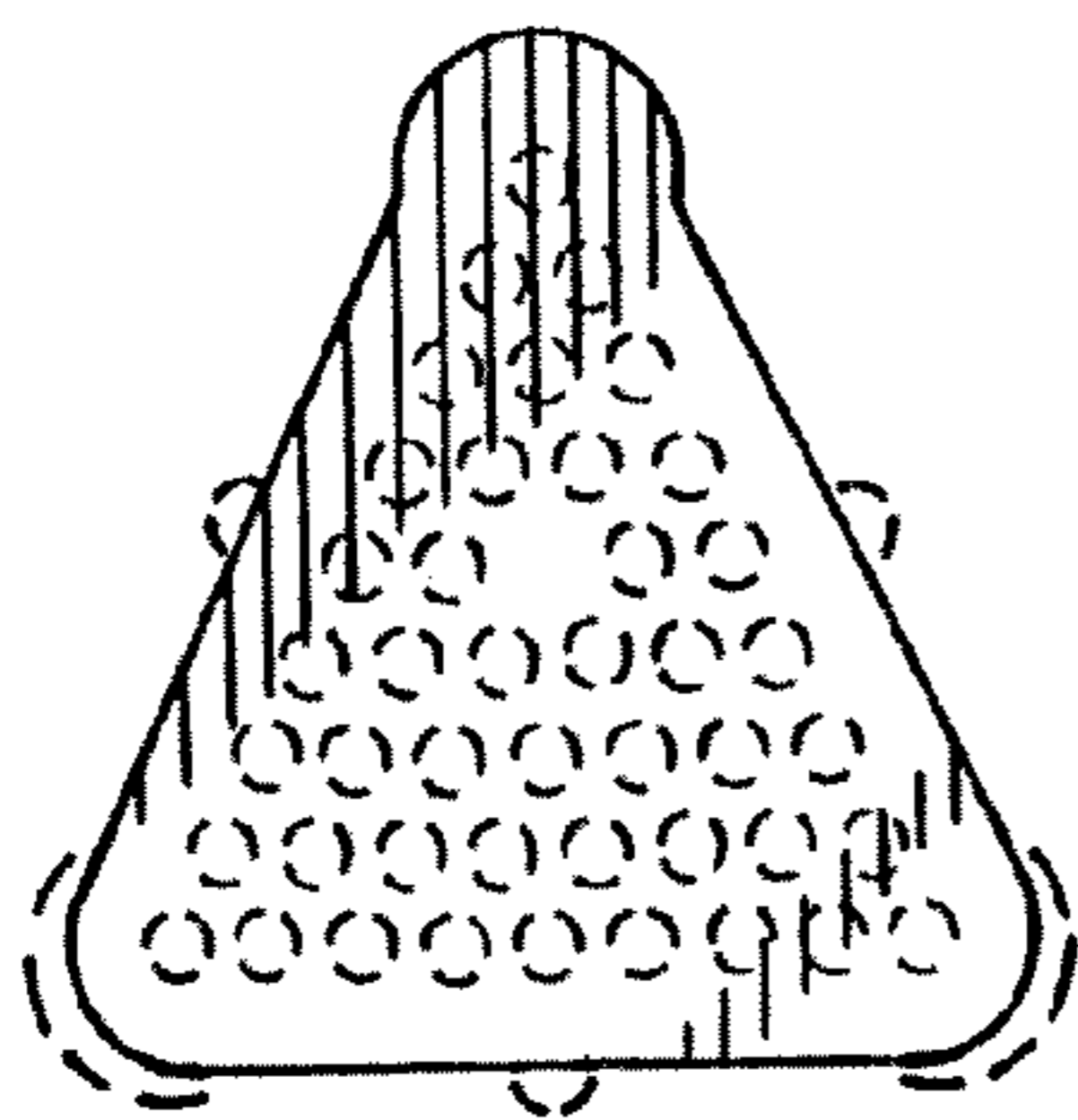


FIG. 2

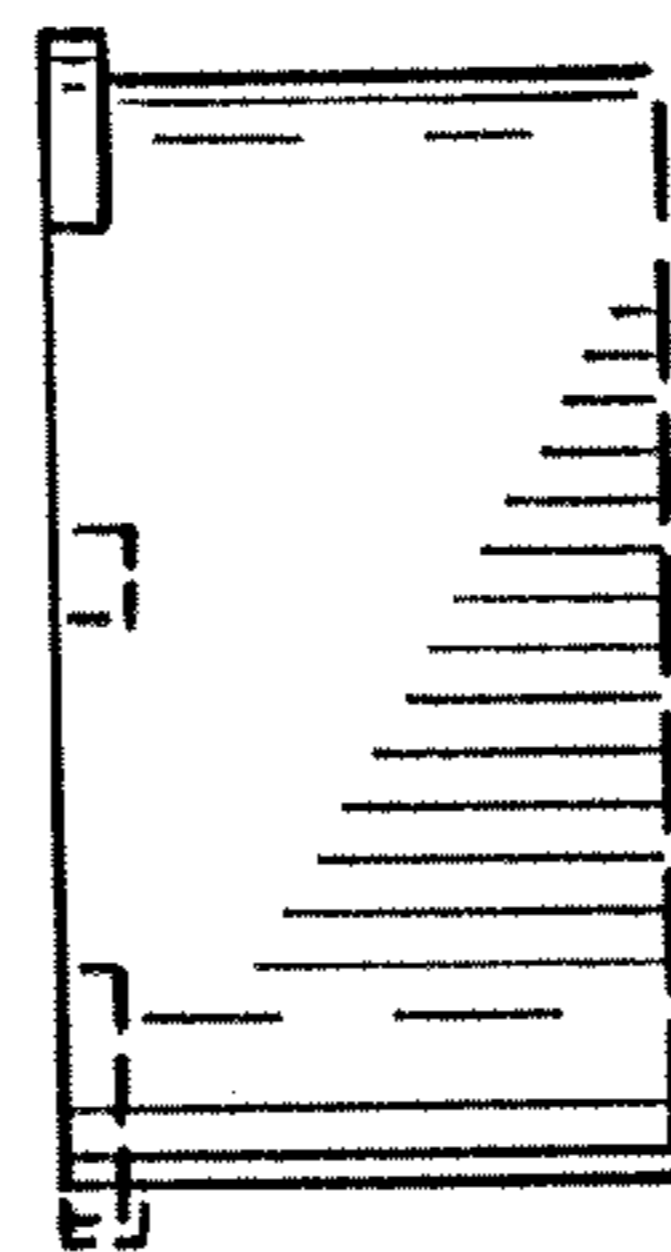


FIG. 4

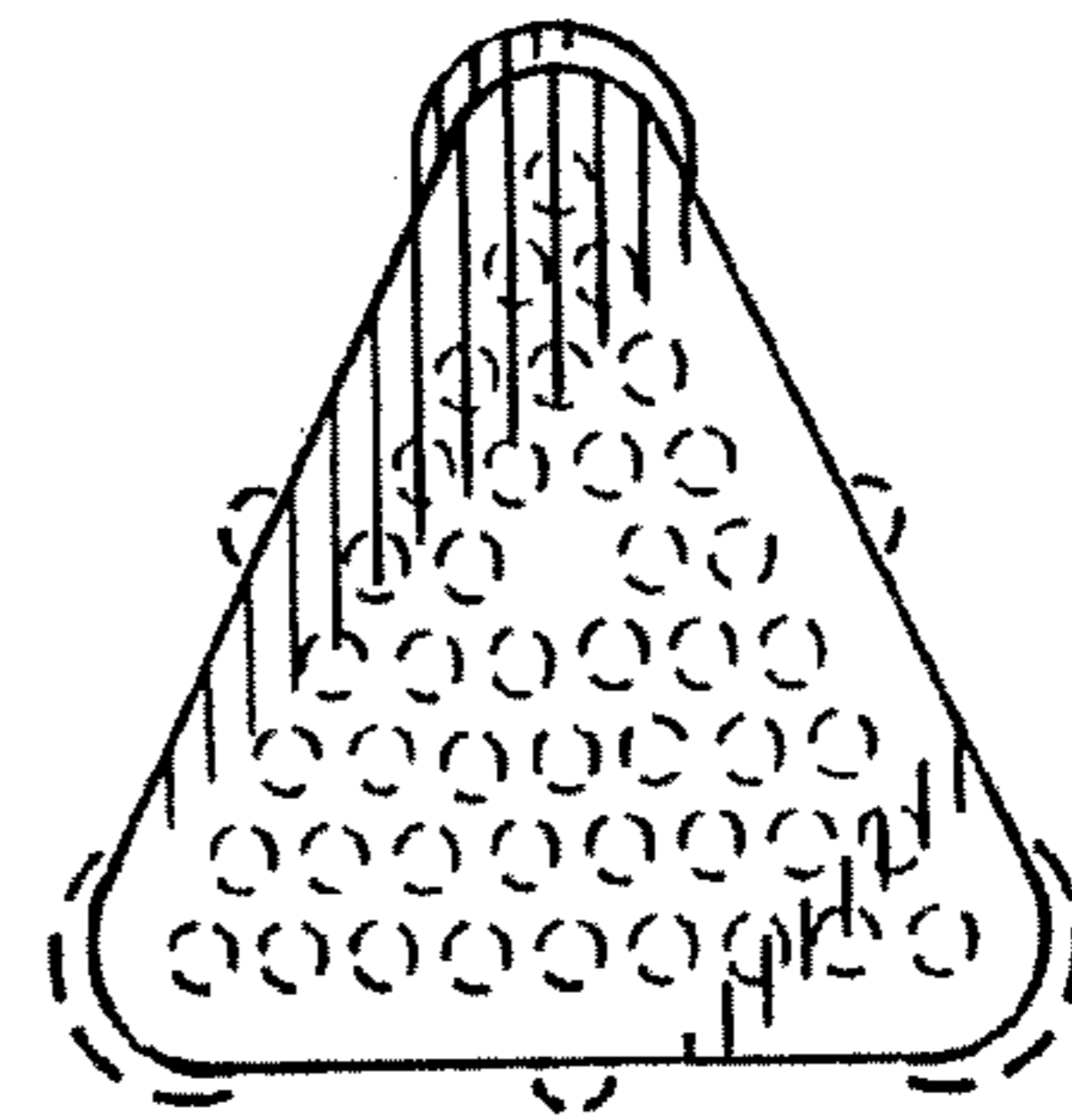


FIG. 5

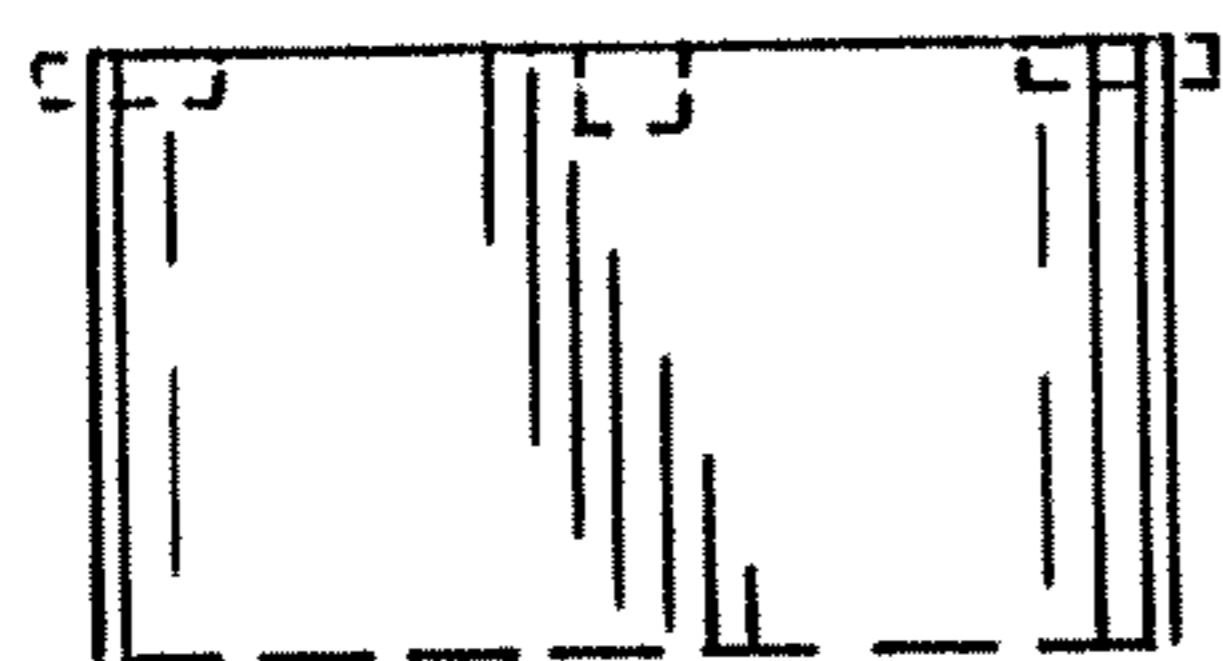


FIG. 6