



US00D424587S

**United States Patent** [19]  
**Maguire**

[11] **Patent Number: Des. 424,587**  
[45] **Date of Patent: \*\* May 9, 2000**

[54] **GRAVIMETRIC BLENDER**

Sheet of 1 photograph of Hydracolor gravimetric blender, circa 1993.

[76] Inventor: **Stephen B. Maguire**, 1549 E. Street Rd., Glen Mills, Pa. 19342

(List continued on next page.)

[\*\*] Term: **14 Years**

*Primary Examiner*—Antoine Duval Davis  
*Attorney, Agent, or Firm*—Charles N. Quinn

[21] Appl. No.: **29/071,503**

[57] **CLAIM**

[22] Filed: **May 30, 1997**

The ornamental design for a gravimetric blender, as shown and described.

**Related U.S. Application Data**

**DESCRIPTION**

[60] Provisional application No. 60/032,831, Dec. 13, 1996.

[51] **LOC (7) Cl.** ..... **15-09**

[52] **U.S. Cl.** ..... **D15/147; D10/87**

[58] **Field of Search** ..... D10/87; D15/147;  
137/88, 7, 607, 898; 156/244.11; 177/60,  
16, 145; 222/77, 239, 342; 251/129.05,  
210; 364/528.04; 366/141, 153, 156, 182,  
279, 186, 190, 296, 320; 428/213, 218,  
500, 516; 525/240

FIG. 1 is a front elevation of a gravimetric blender manifesting the invention.

FIG. 2 is a rear elevation of the gravimetric blender illustrated in FIG. 1.

FIG. 3 is a left side (with reference to the blender positioned as shown in FIG. 1) elevation of the gravimetric blender illustrated in FIGS. 1 and 2.

FIG. 4 is a right side (with reference to the blender positioned as shown in FIG. 1) elevation of the gravimetric blender illustrated in FIGS. 1, 2 and 3.

FIG. 5 is a bottom view of the gravimetric blender illustrated in FIGS. 1, 2, 3 and 4.

FIG. 6 is a top view of the gravimetric blender illustrated in FIGS. 1, 2, 3, 4 and 5.

FIG. 7 is a top view of the gravimetric blender illustrated in FIGS. 1, 2, 3, 4, 5 and 6, but with the tops of the hoppers open and the cover removed therefrom.

FIG. 8 is a front elevation of the gravimetric blender shown in FIGS. 1 through 7, but with the hoppers removed.

FIG. 9 is a rear elevation of the gravimetric blender shown in FIGS. 1 through 8, but with the hoppers removed.

FIG. 10 is a left side elevation (with reference to the blender positioned as shown in FIG. 8) of the gravimetric blender shown in FIGS. 1 through 9, but with the hoppers removed.

FIG. 11 is a right side elevation of the gravimetric blender shown in FIGS. 1 through 10, but with the hoppers removed.

FIG. 12 is a top view of the gravimetric blender shown in FIGS. 1 through 11, but with the hoppers removed; and,

FIG. 13 is a bottom view of the gravimetric blender shown in FIGS. 1 through 12, with the hoppers removed.

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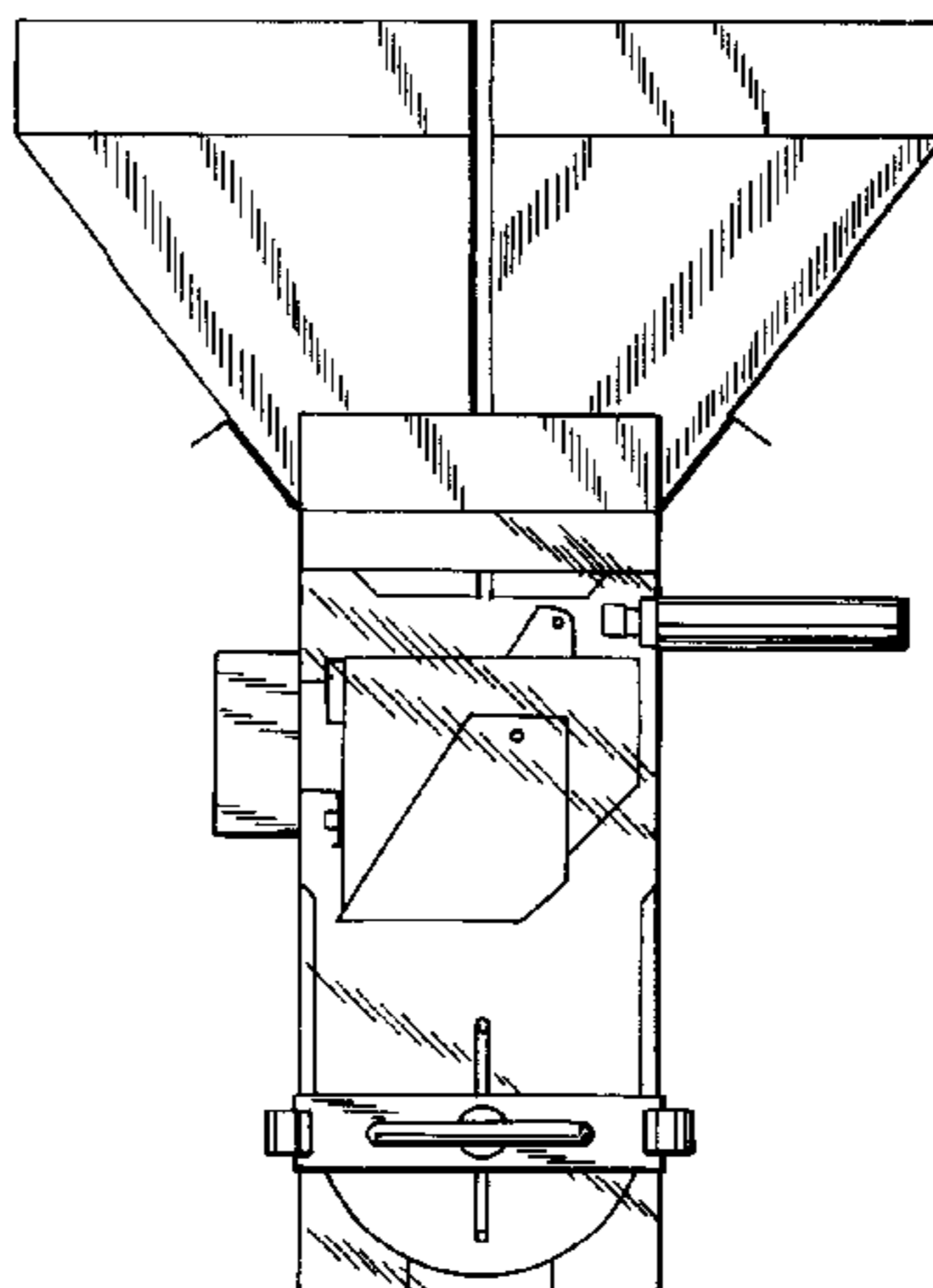
Sheet of 2 photographs of Mould-Tek gravimetric blender, circa 1993.

Sheet of 2 photographs of Motan gravimetric blender and feeding system with Maguire Products, Inc. controls, circa 1993.

Sheet of 3 photographs of UNA-DYN gravimetric blender, circa 1993.

Sheet of 2 photographs of Maguire Products, Inc. gravimetric blender with Conair hoppers and feeding system, circa 1993.

**1 Claim, 3 Drawing Sheets**



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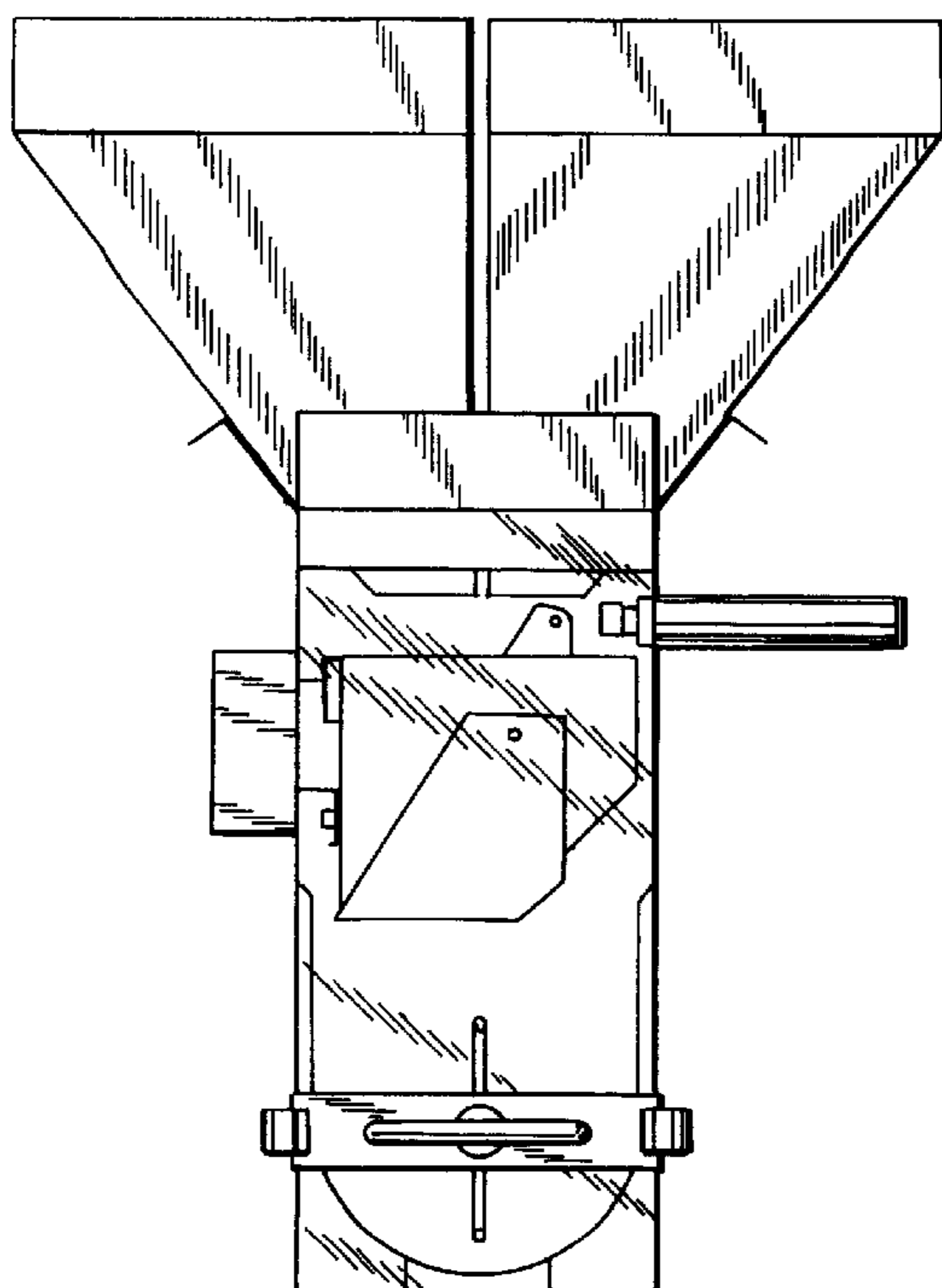


FIG. 1

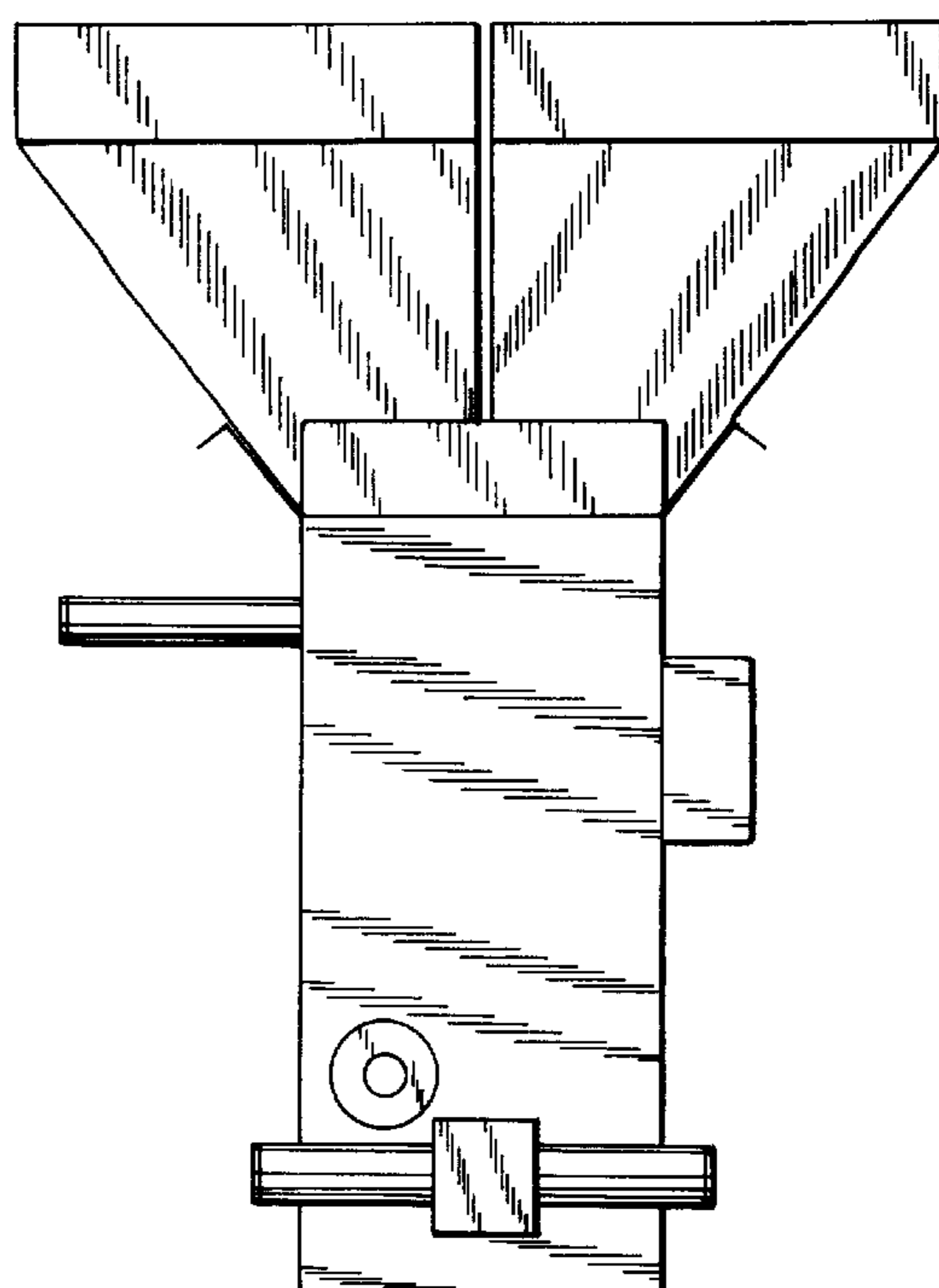


FIG. 2

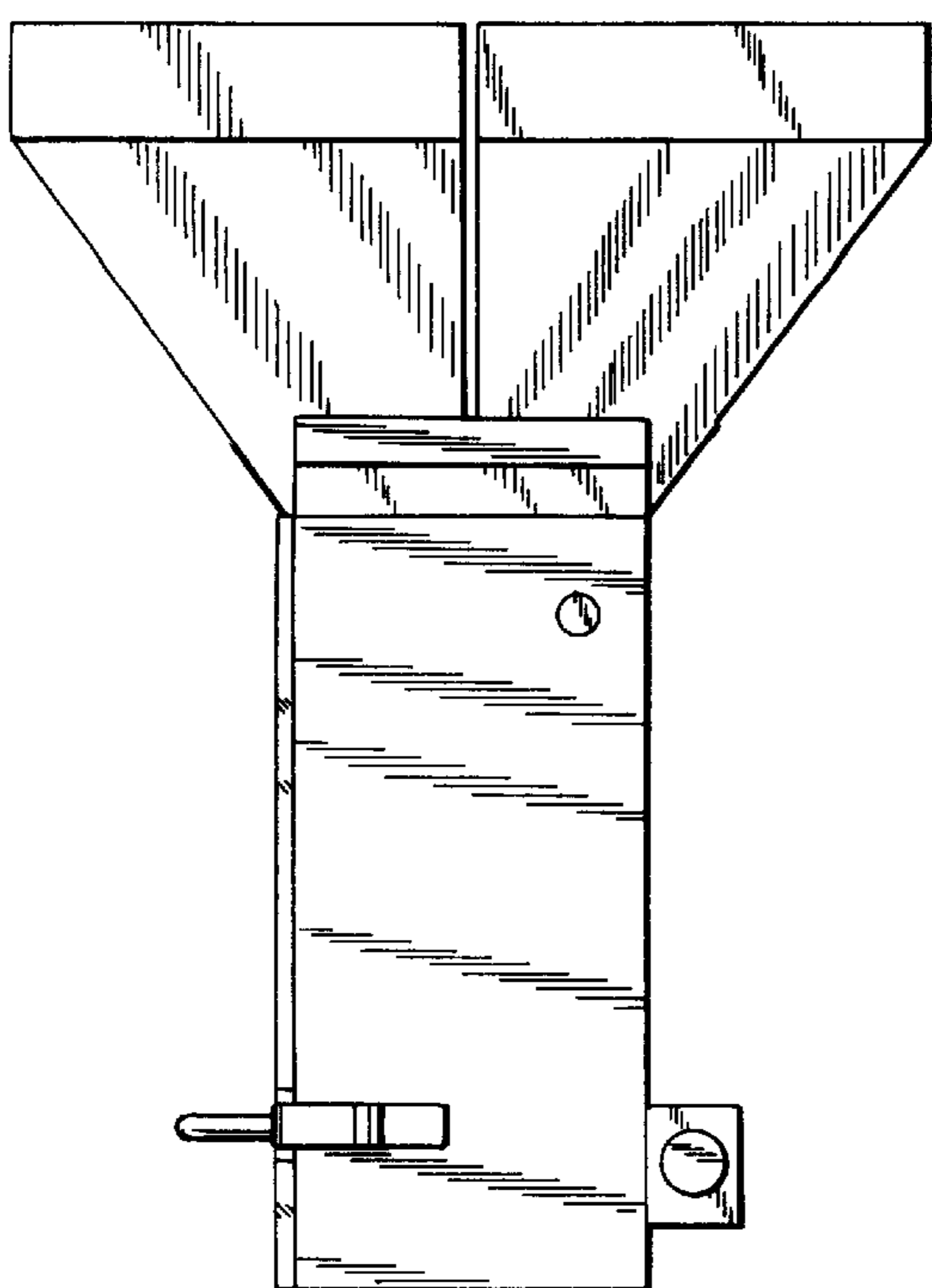


FIG. 4

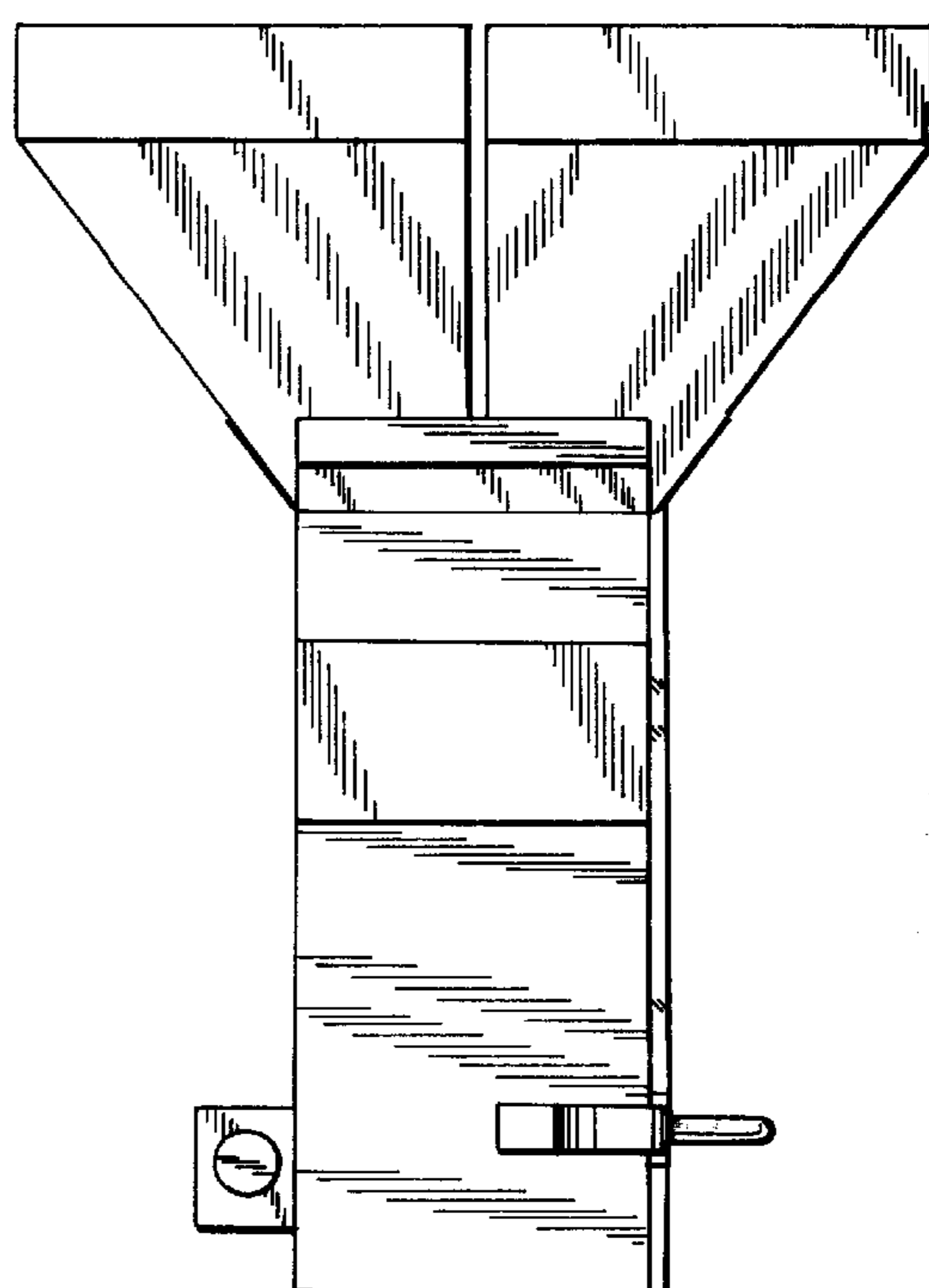


FIG. 3



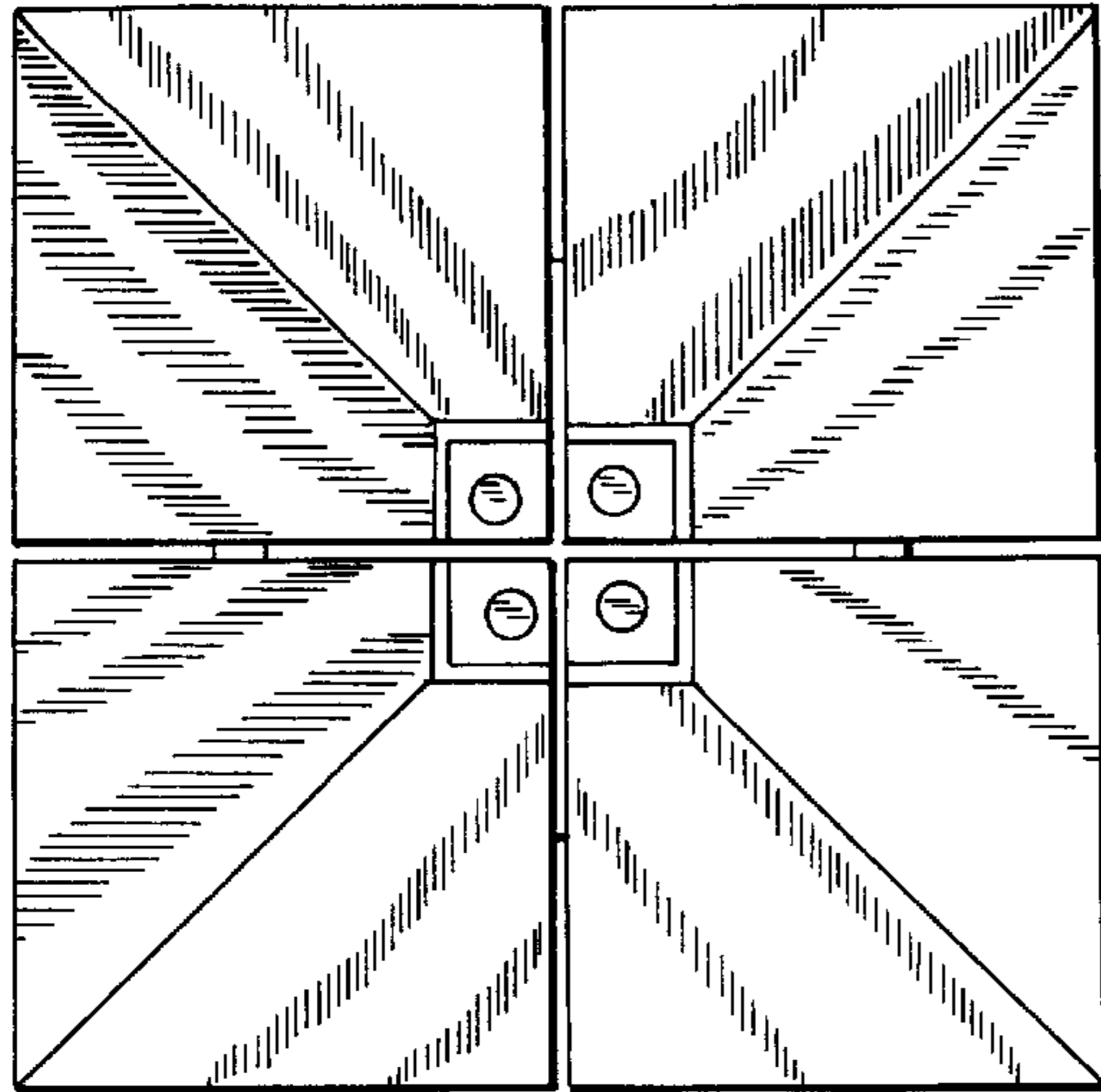


FIG. 7

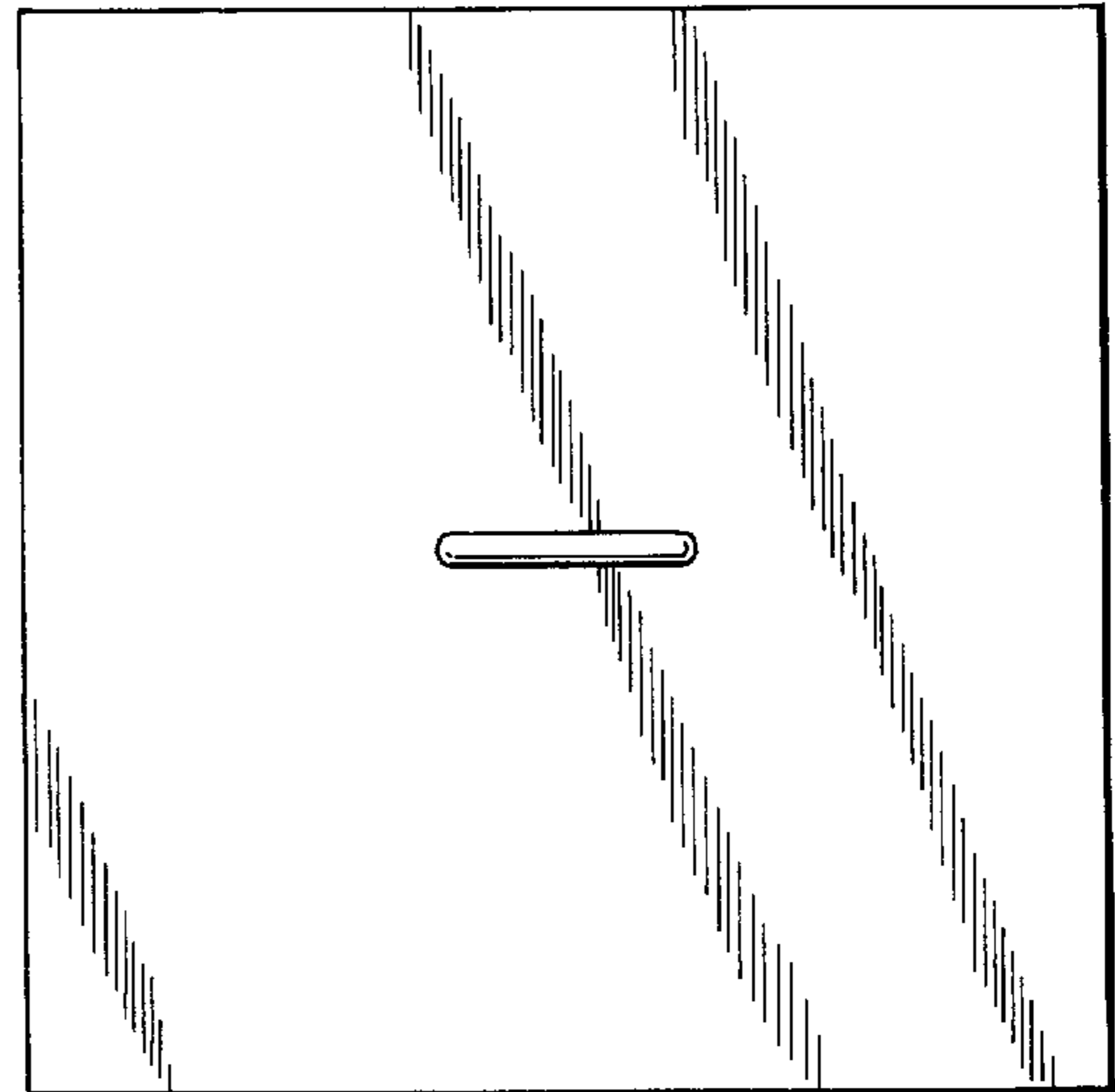


FIG. 6

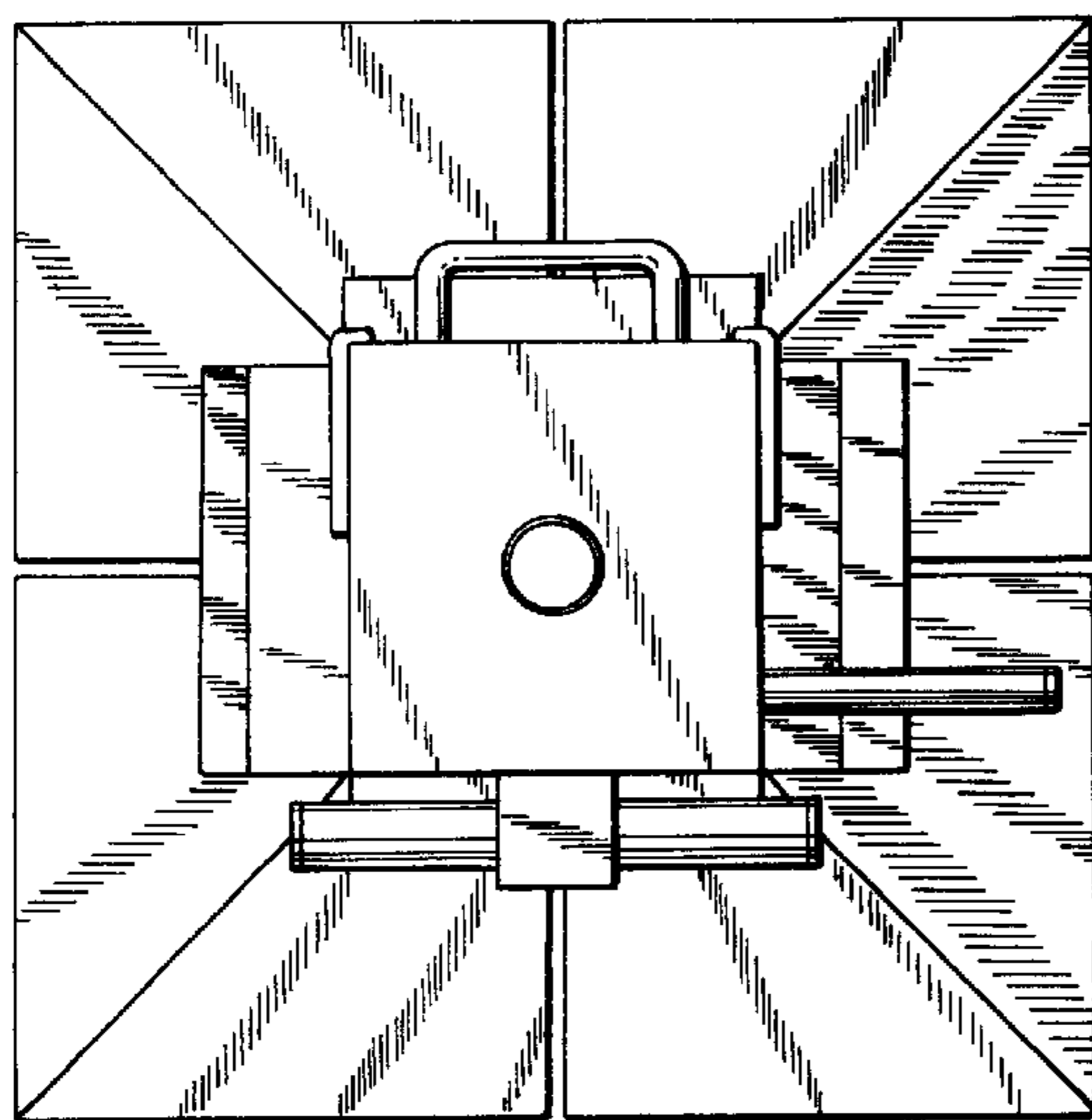


FIG. 5

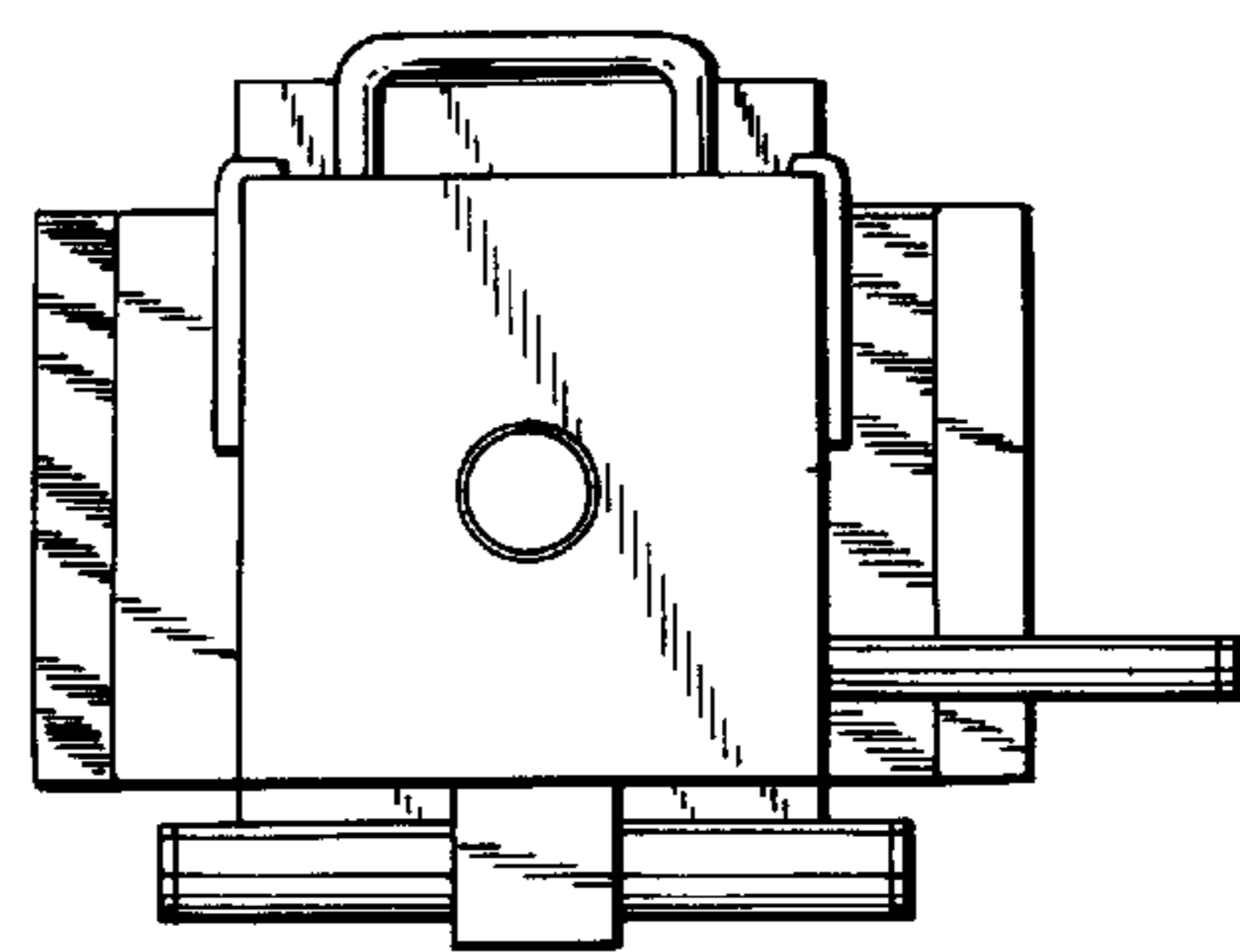


FIG. 13

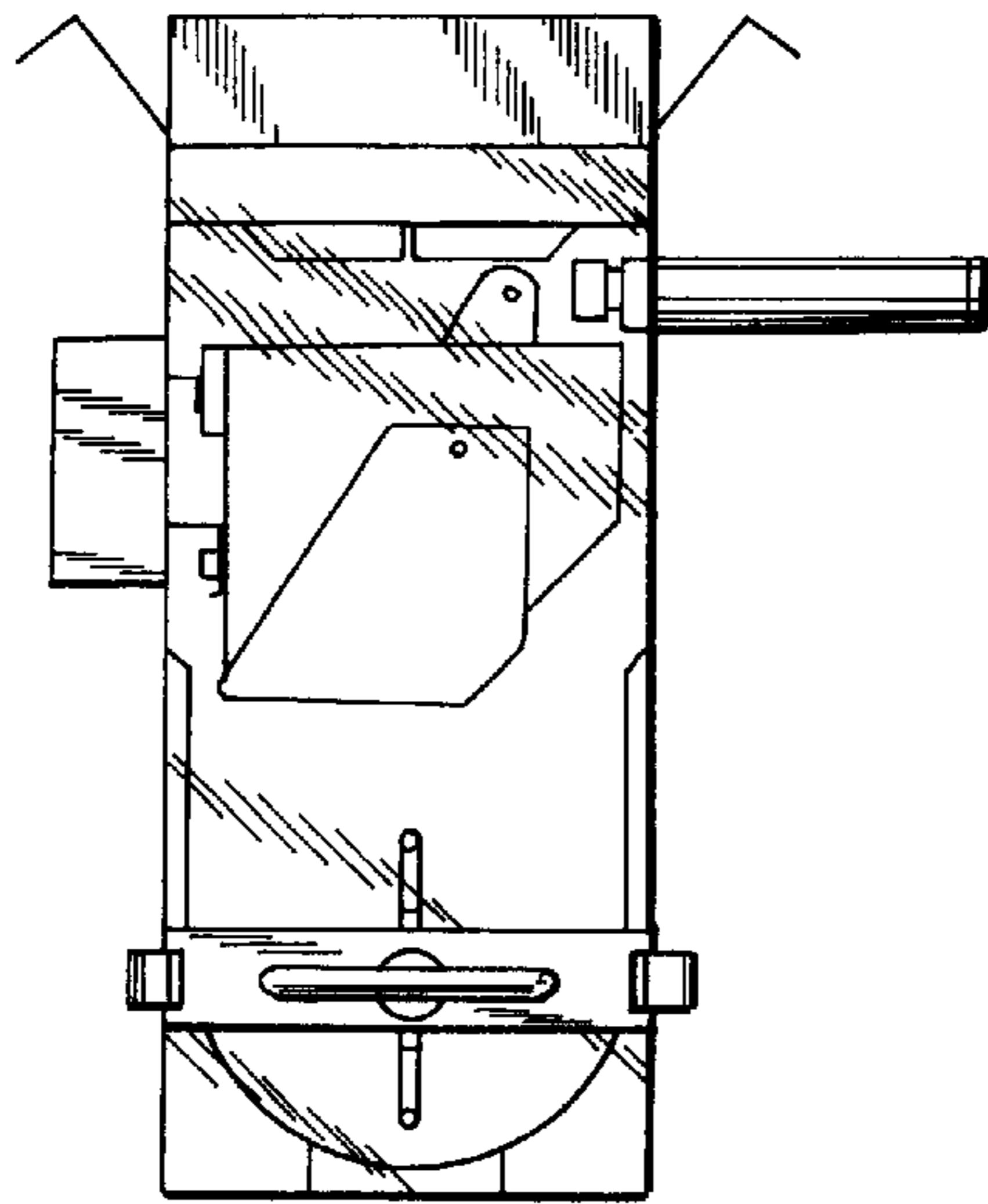


FIG. 8

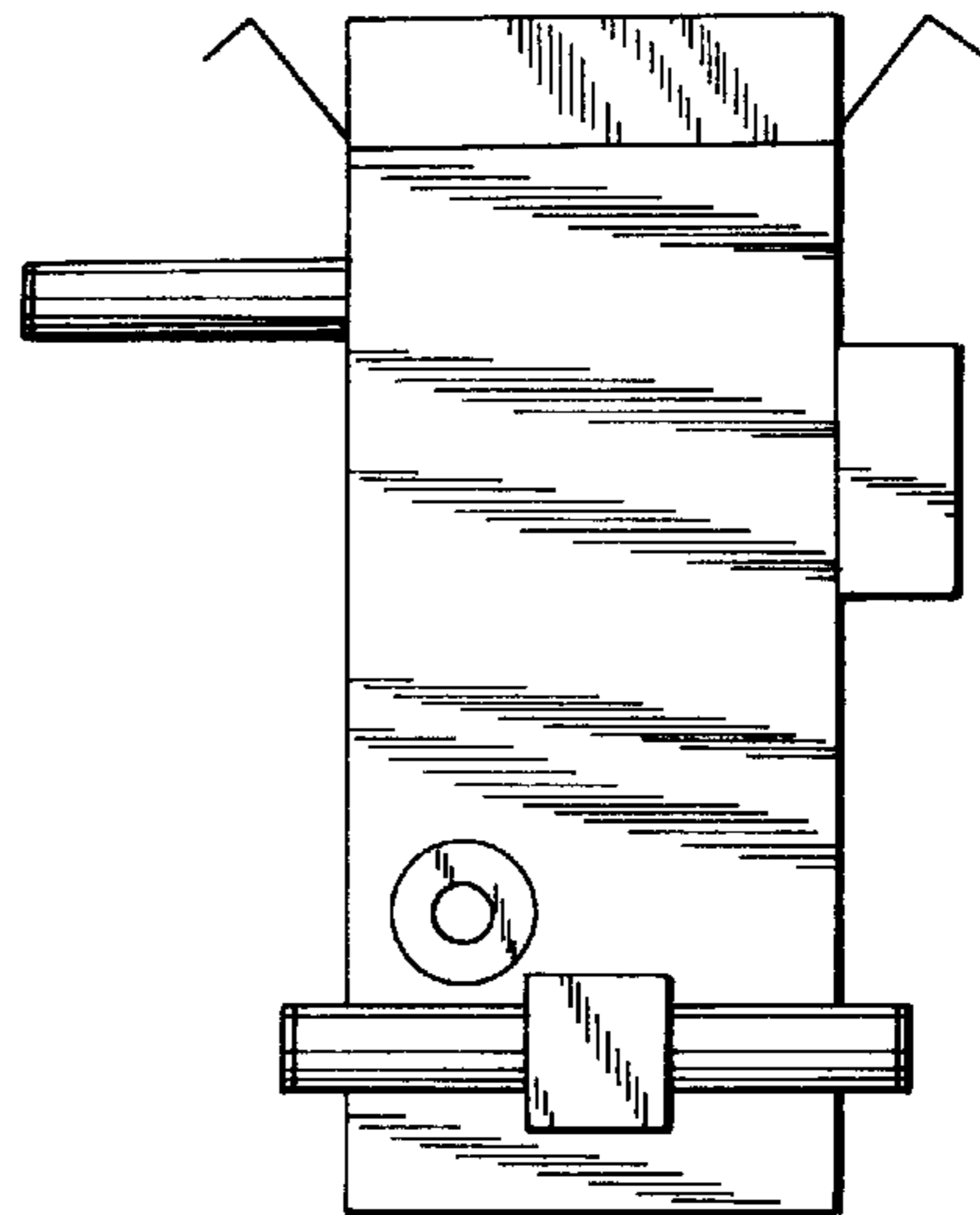


FIG. 9

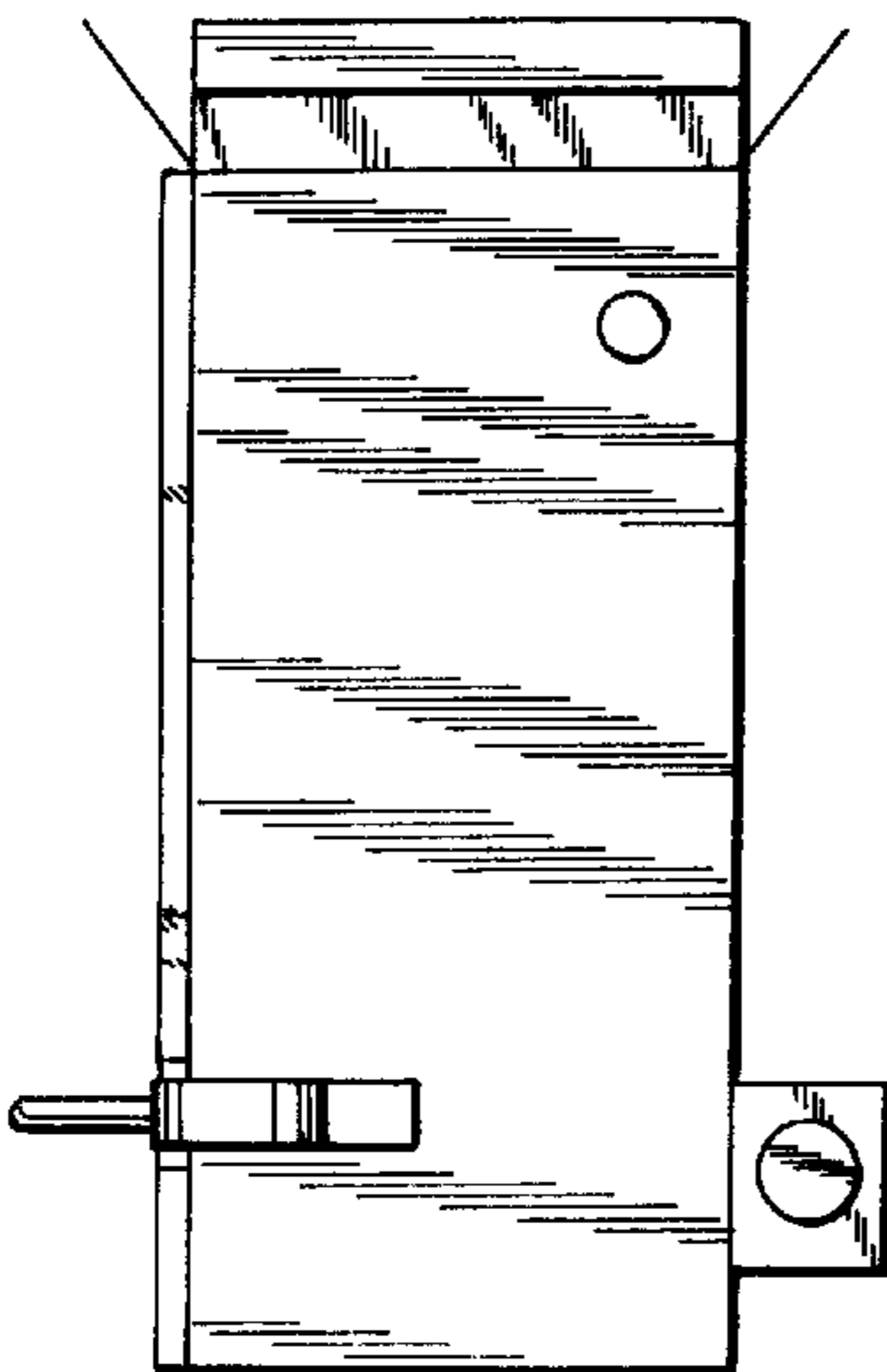


FIG. 11

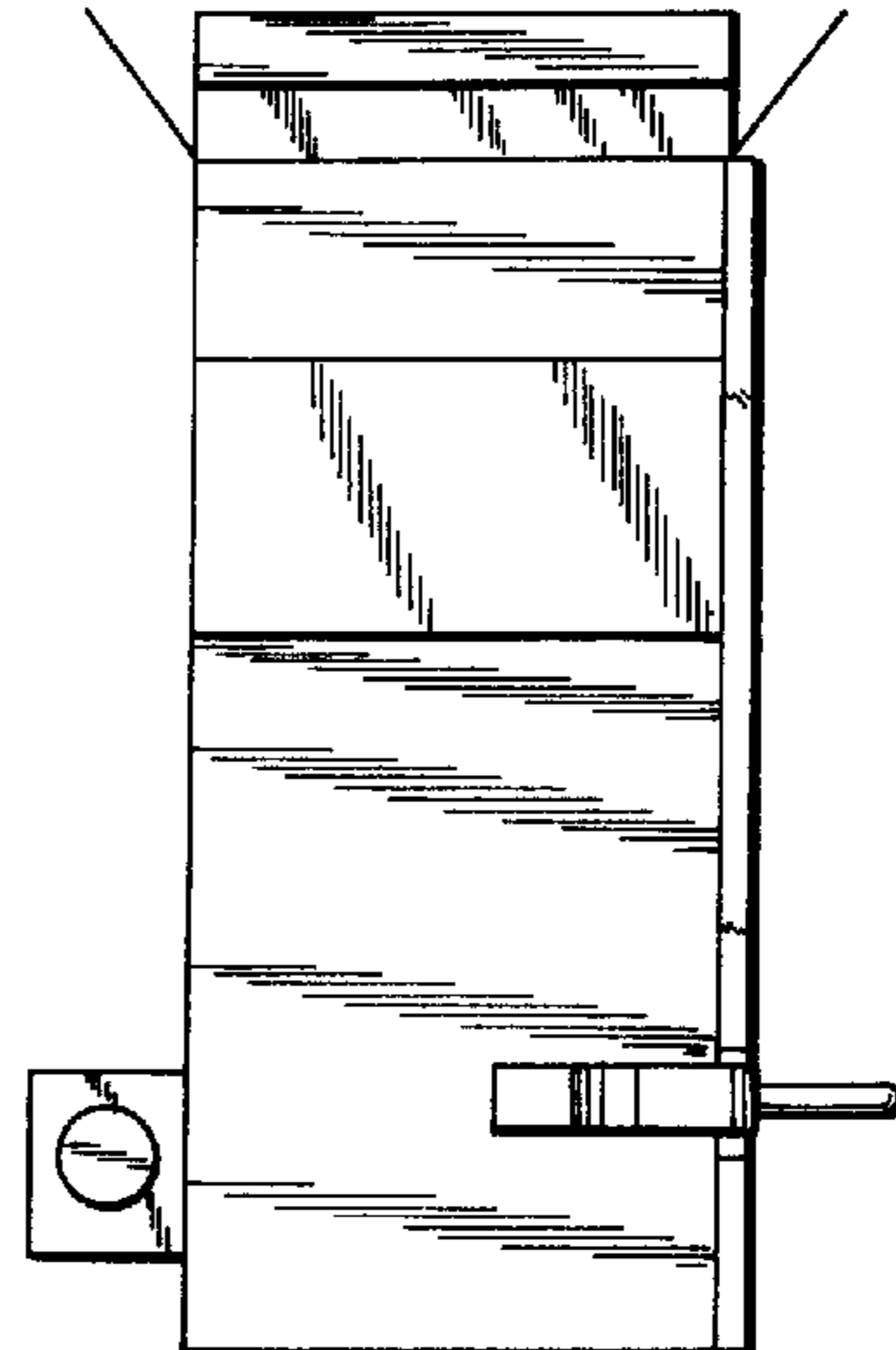


FIG. 10

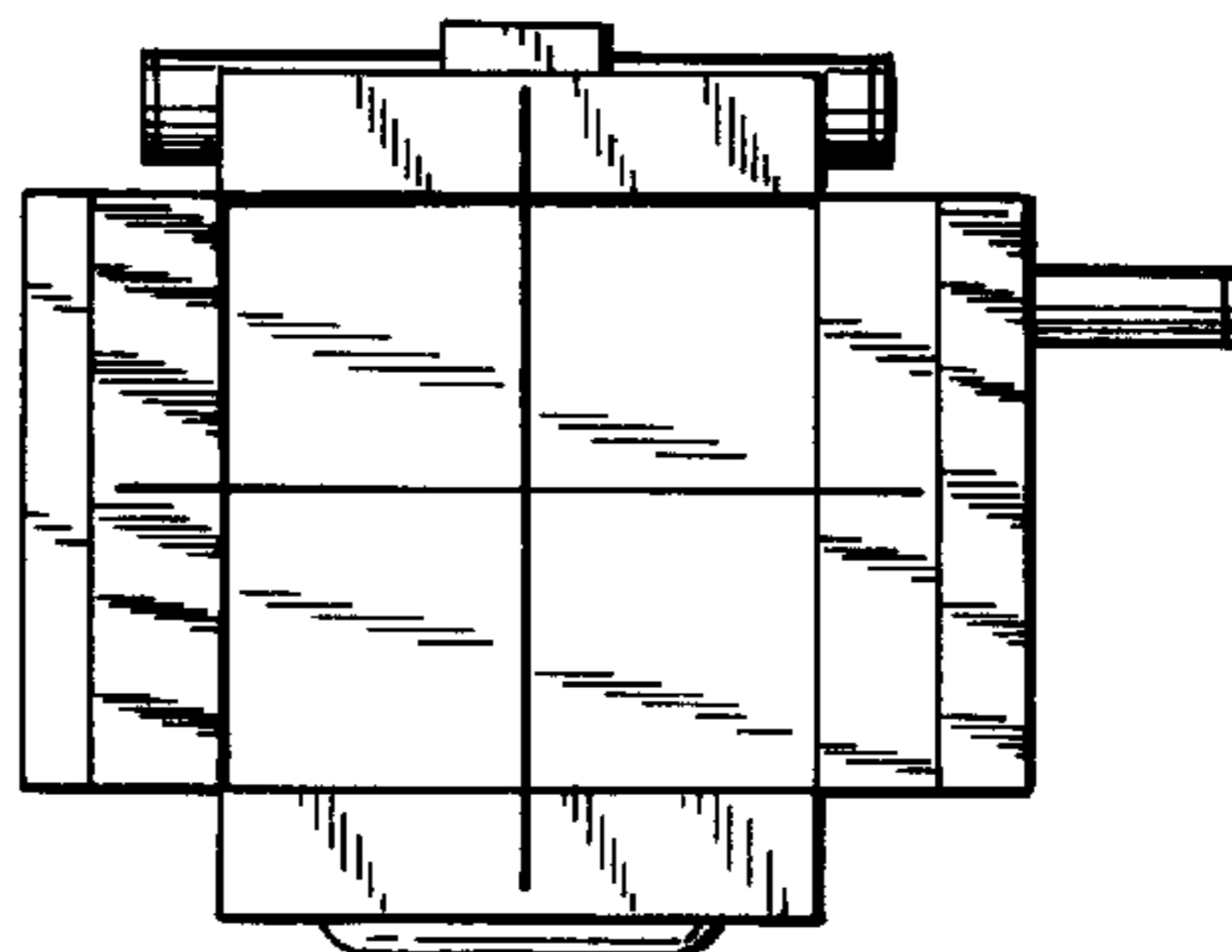


FIG. 12



US00D424587B1

(12) **REEXAMINATION CERTIFICATE** (4518th)

**United States Patent**  
**Maguire**

(10) **Number:** **US D424,587 C1**  
(45) **Certificate Issued:** **Jan. 8, 2002**

- (54) **GRAVIMETRIC BLENDER**
- (75) Inventor: **Stephen B. Maguire**, Glen Mills, PA (US)
- (73) Assignee: **Maguire Products, Inc.**, Aston, PA (US)

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No. 90/005,883, Dec. 11, 2000

**Reexamination Certificate for:**  
Patent No.: **Des. 424,587**  
Issued: **May 9, 2000**  
Appl. No.: **29/071,503**  
Filed: **May 30, 1997**

**Related U.S. Application Data**

- (60) Provisional application No. 60/032,831, filed on Dec. 13, 1996.
- (51) **LOC (7) Cl.** ..... **15-09**
- (52) **U.S. Cl.** ..... **D15/147; D10/87**
- (58) **Field of Search** ..... **D10/87; D15/147;**  
137/88, 7, 607, 898; 156/244.11; 177/60,  
16, 145; 222/77, 239, 342; 251/129.05,  
210; 364/528.04; 366/141, 153, 156, 182,  
279, 186, 190, 296, 320; 428/213, 218,  
500, 516; 525/240

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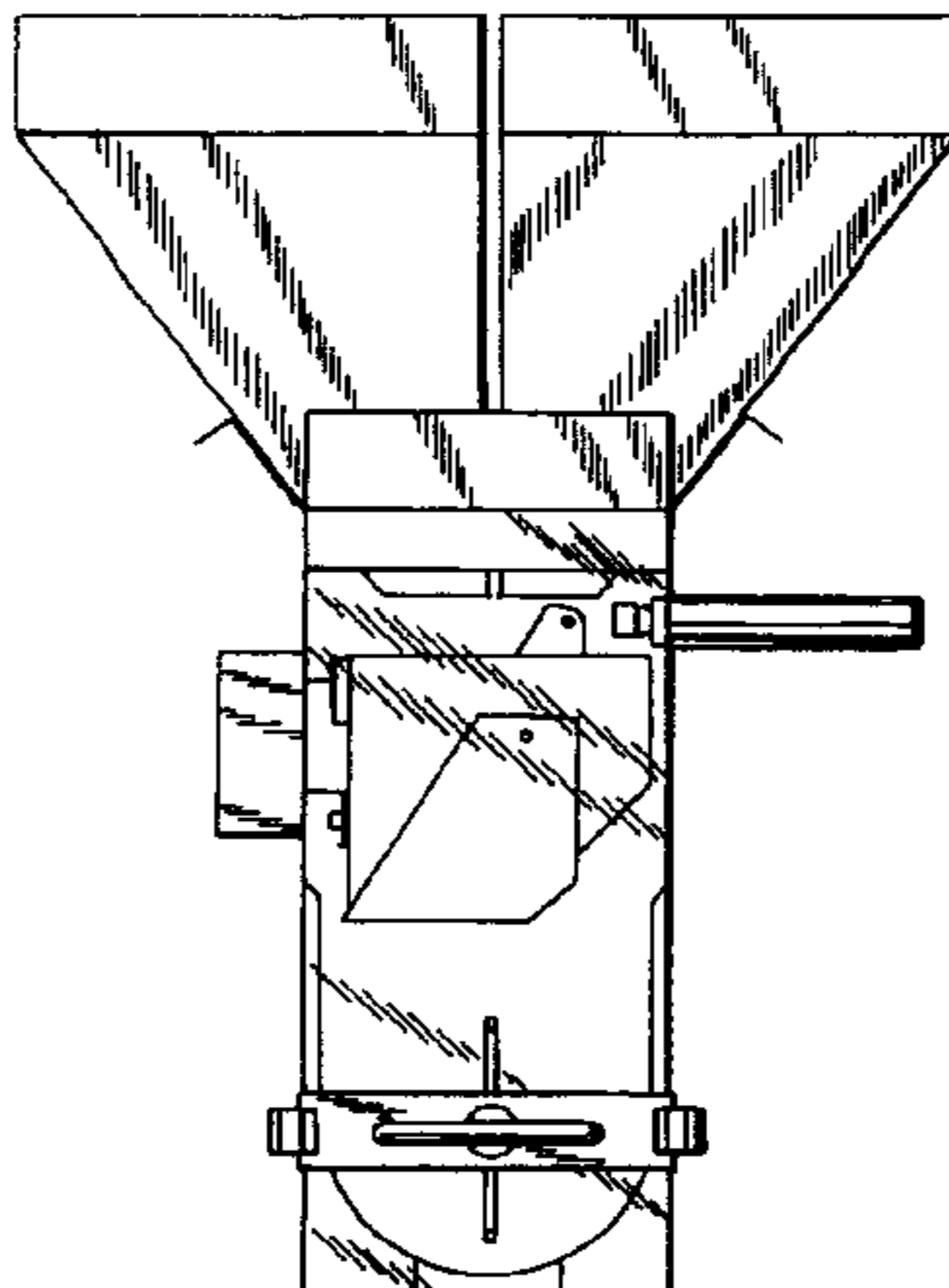
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*Primary Examiner*—Janice E. Seeger



**1**

**REEXAMINATION CERTIFICATE  
ISSUED UNDER 35 U.S.C. 307  
NO AMENDMENTS HAVE BEEN  
MADE TO THE PATENT**

**2**

AS A RESULT OF REEXAMINATION, IT HAS BEEN  
DETERMINED THAT:

The patentability of the one claim is confirmed.

\* \* \* \* \*