



US00D819096S

(12) **United States Design Patent** (10) **Patent No.:** **US D819,096 S**
Terabe et al. (45) **Date of Patent:** **** May 29, 2018**

(54) **MOLD RELEASE DISCHARGE NOZZLE FOR TIGHT-FLASK MOLDING MACHINE**

(71) Applicant: **SINTOKOGIO, LTD.**, Nagoya-shi, Aichi (JP)

(72) Inventors: **Tokiya Terabe**, Toyokawa (JP); **Katsuhito Sato**, Toyokawa (JP)

(73) Assignee: **Sintokogio, Ltd.**, Nagoya-shi, Aichi (JP)

(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **15-07**

(52) **U.S. Cl.**
USPC **D15/135**

(58) **Field of Classification Search**
USPC D15/122, 135, 136, 137, 138, 141, 142, D15/199, 89, 91; D12/1, 2, 8; D8/313; D7/339-341, 348-349, 402-404
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Primary Examiner — Ian Simmons

Assistant Examiner — Khawaja Anwar

(74) *Attorney, Agent, or Firm* — Leydig Voit & Mayer

(57) **CLAIM**

The ornamental design for a mold release discharge nozzle for tight-flask molding machine, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a mold release discharge nozzle for tight-flask molding machine of the present invention.

FIG. 2 is a front view of the mold release discharge nozzle for tight-flask molding machine of FIG. 1.

FIG. 3 is a rear view of the mold release discharge nozzle for tight-flask molding machine of FIG. 1.

FIG. 4 is a top plan view of the mold release discharge nozzle for tight-flask molding machine of FIG. 1.

FIG. 5 is a bottom view of the mold release discharge nozzle for tight-flask molding machine of FIG. 1.

FIG. 6 is a right side view of the mold release discharge nozzle for tight-flask molding machine of FIG. 1.

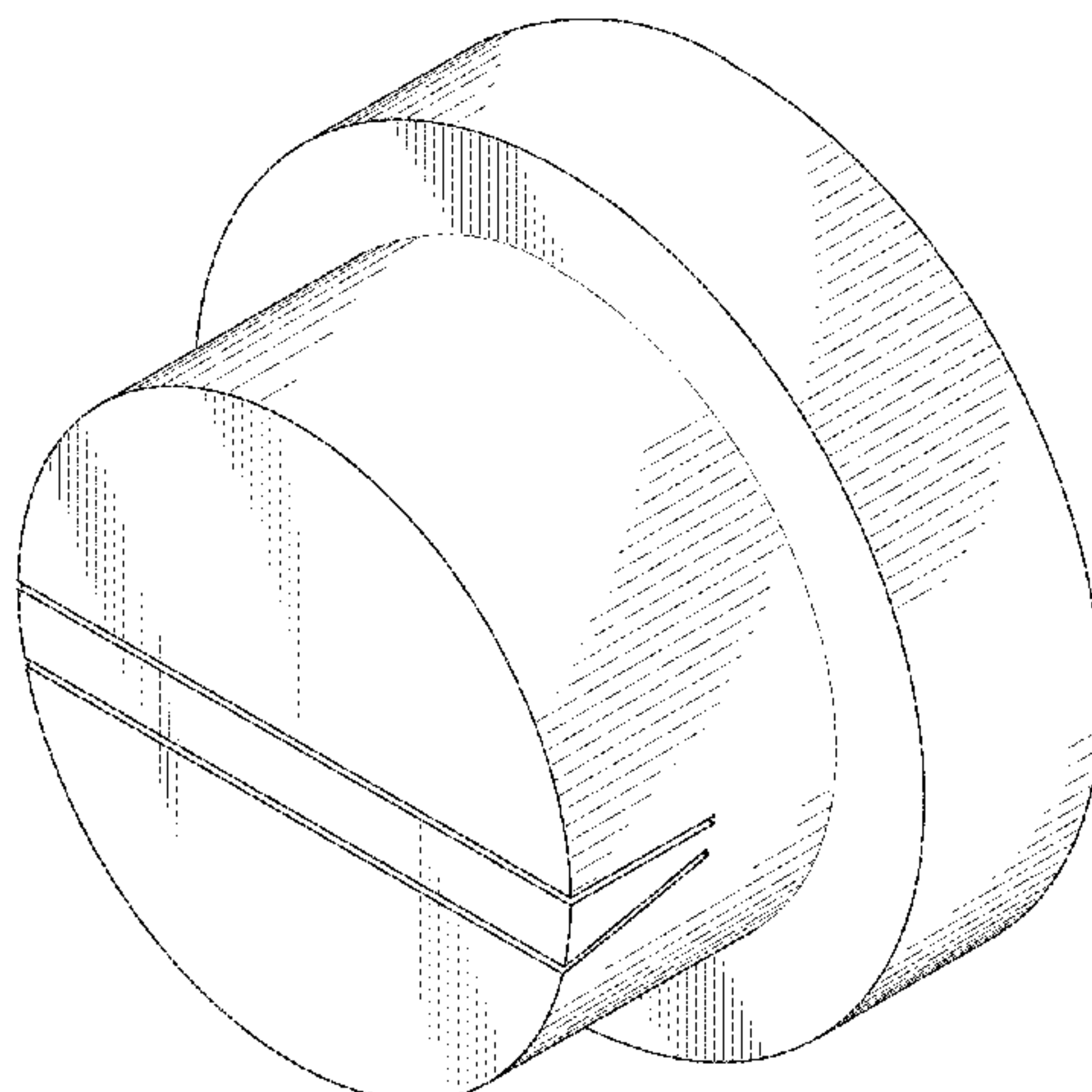
FIG. 7 is a left side view of the mold release discharge nozzle for tight-flask molding machine of FIG. 1.

FIG. 8 is a sectional view taken along the line 8-8 of the mold release discharge nozzle for tight-flask molding machine of FIG. 2; and,

FIG. 9 is a reference perspective view of the mold release discharge nozzle for tight-flask molding machine of FIG. 1 in use, wherein the mold release discharge nozzle is attached to an upper overlay frame of a tight-flask molding machine for molding a cast, which is for illustrative purpose only and form no part of the claimed design.

The features shown in broken lines depict environmental subject matter and illustrate portions of the mold release

(Continued)



discharge nozzle for tight-flask molding machine and form no part of the claimed design.

1 Claim, 9 Drawing Sheets

(58) **Field of Classification Search**

CPC B29C 45/0001; B29C 2043/3427; B29C 2043/3494; B29C 2045/0006; B29C 2045/0043; B29C 2045/0049; B29C 2045/14803; B29C 2945/76444; B29C 43/24; B29C 45/0005; B29C 45/0025; B29C 45/006; B29C 45/14311; B29C 45/14778; B29C 45/14811; B29C 45/14819; B29C 45/1657; B29C 45/1671; B29C 45/1761; B29C 45/2708; B29C 45/40; B29C 45/401; B29C 45/42; B29C 45/84; B29C 47/0004; B29C 47/0021

See application file for complete search history.

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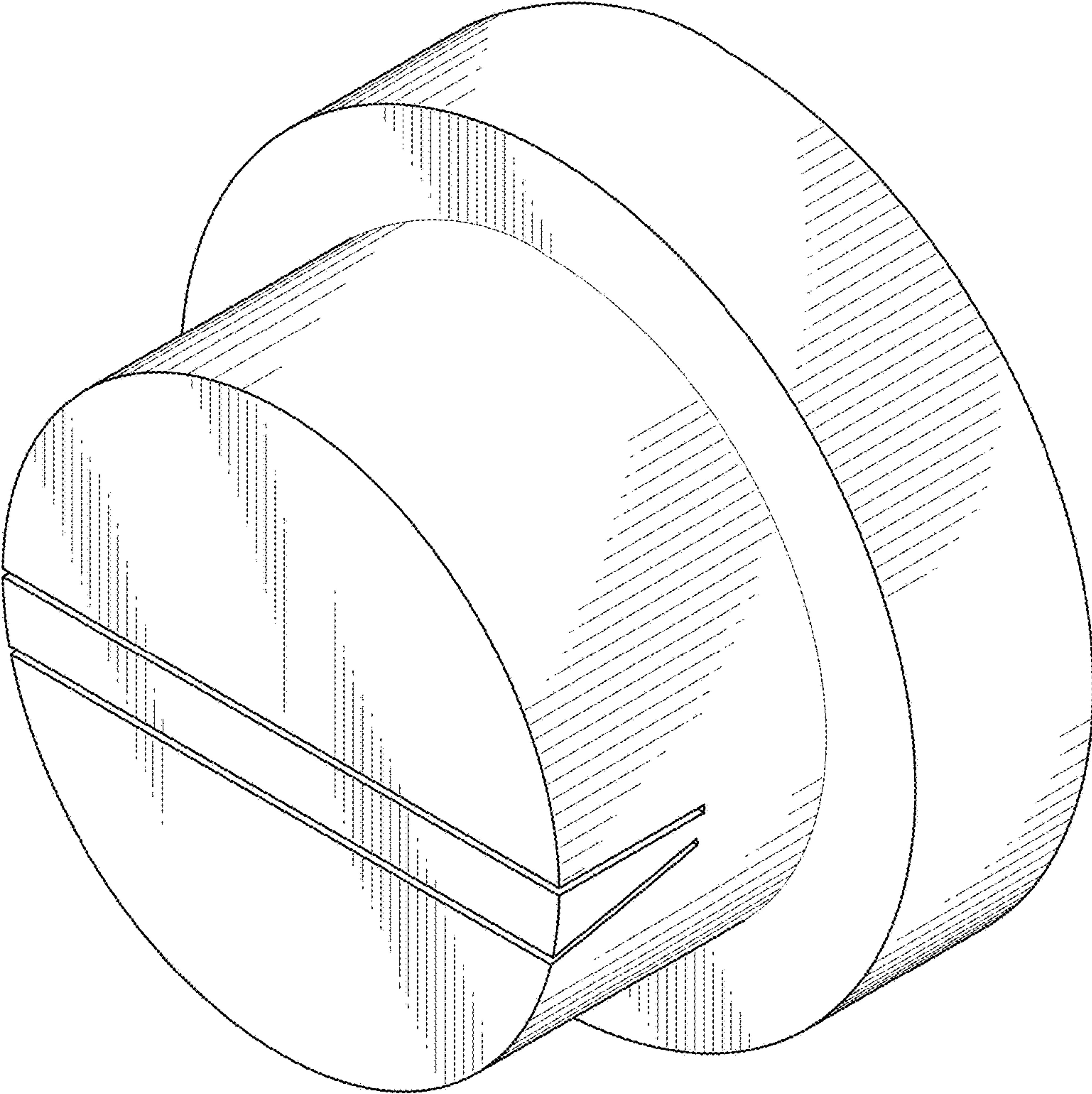


FIG. 1

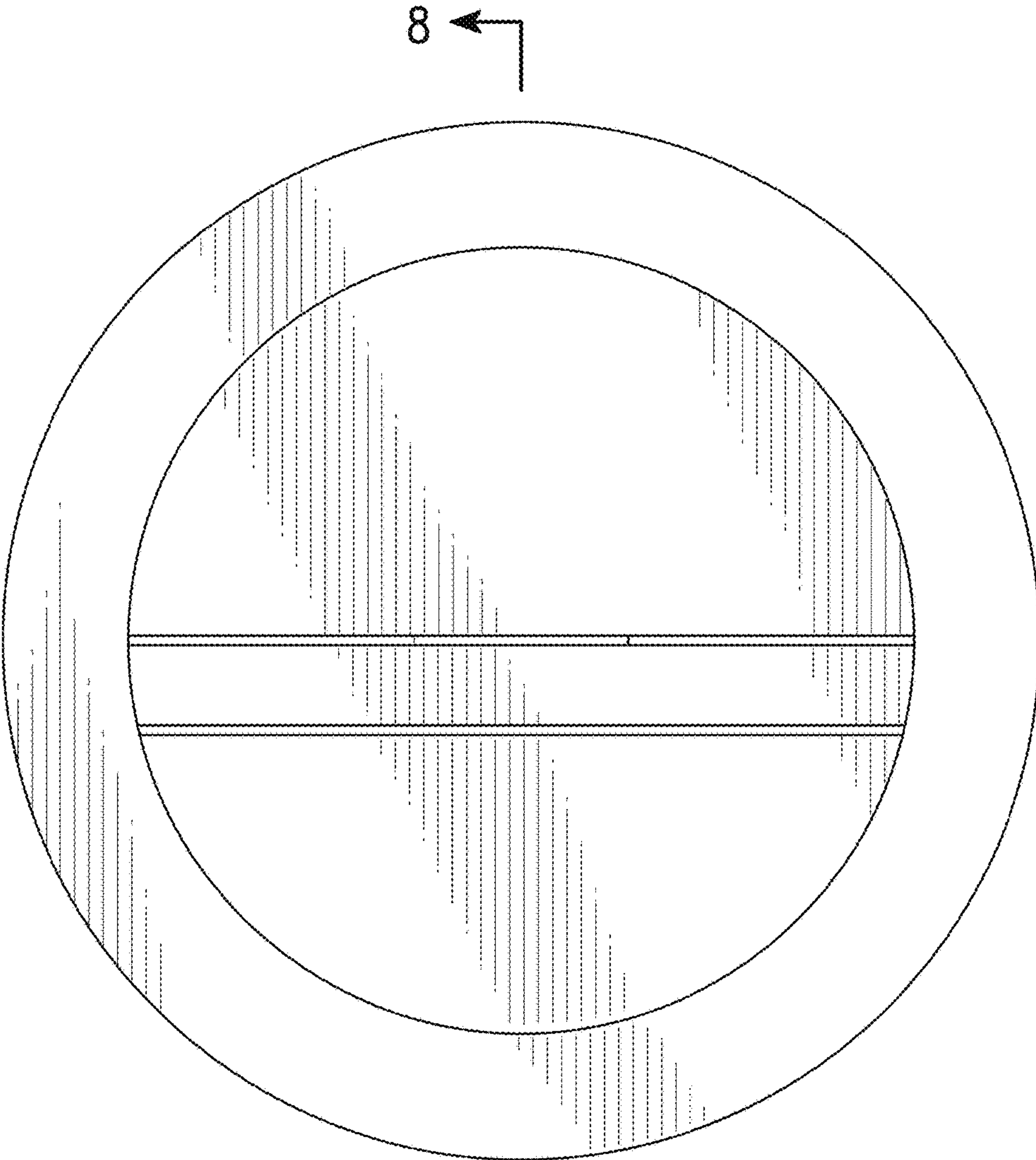


FIG. 2

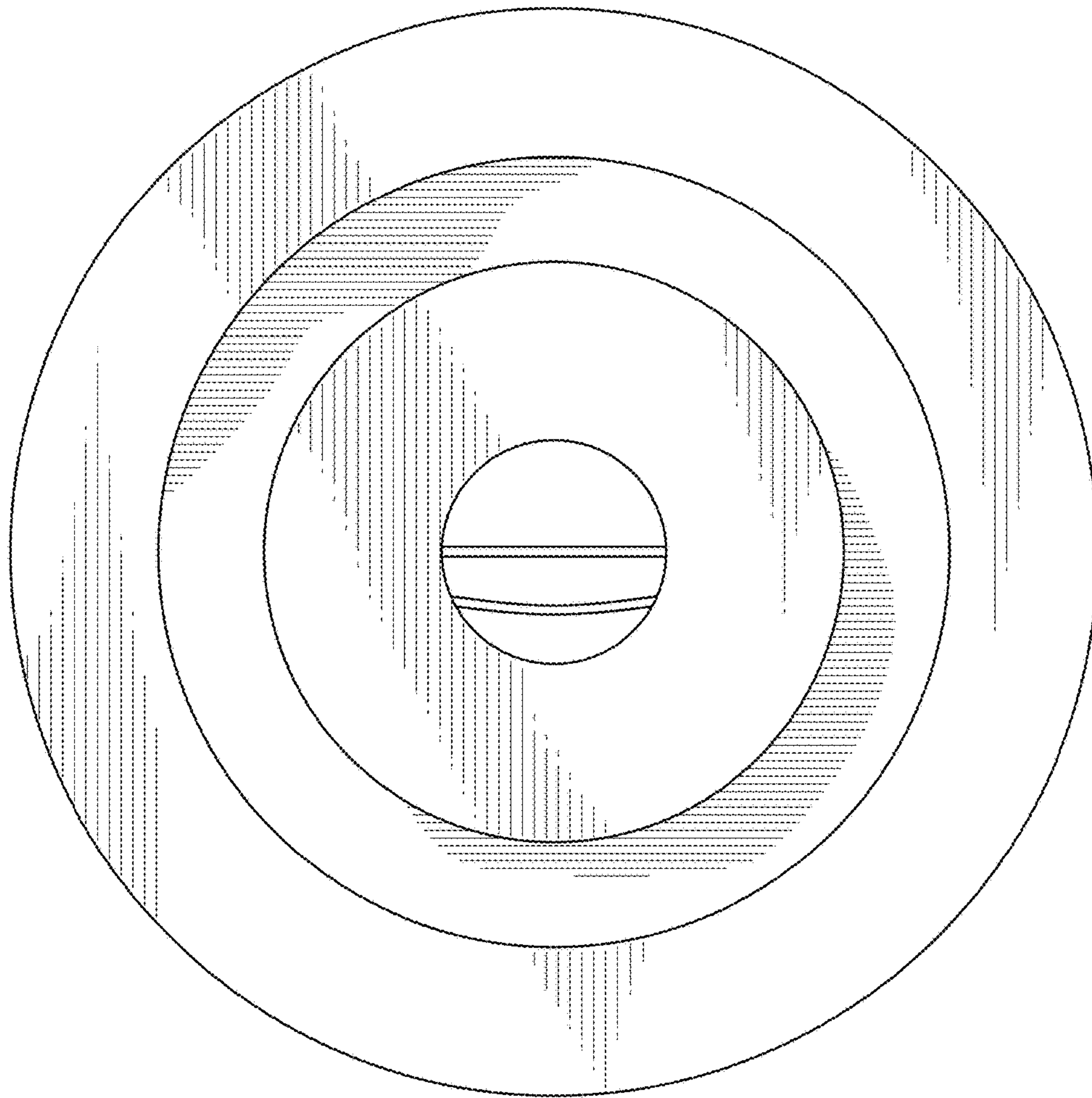


FIG. 3

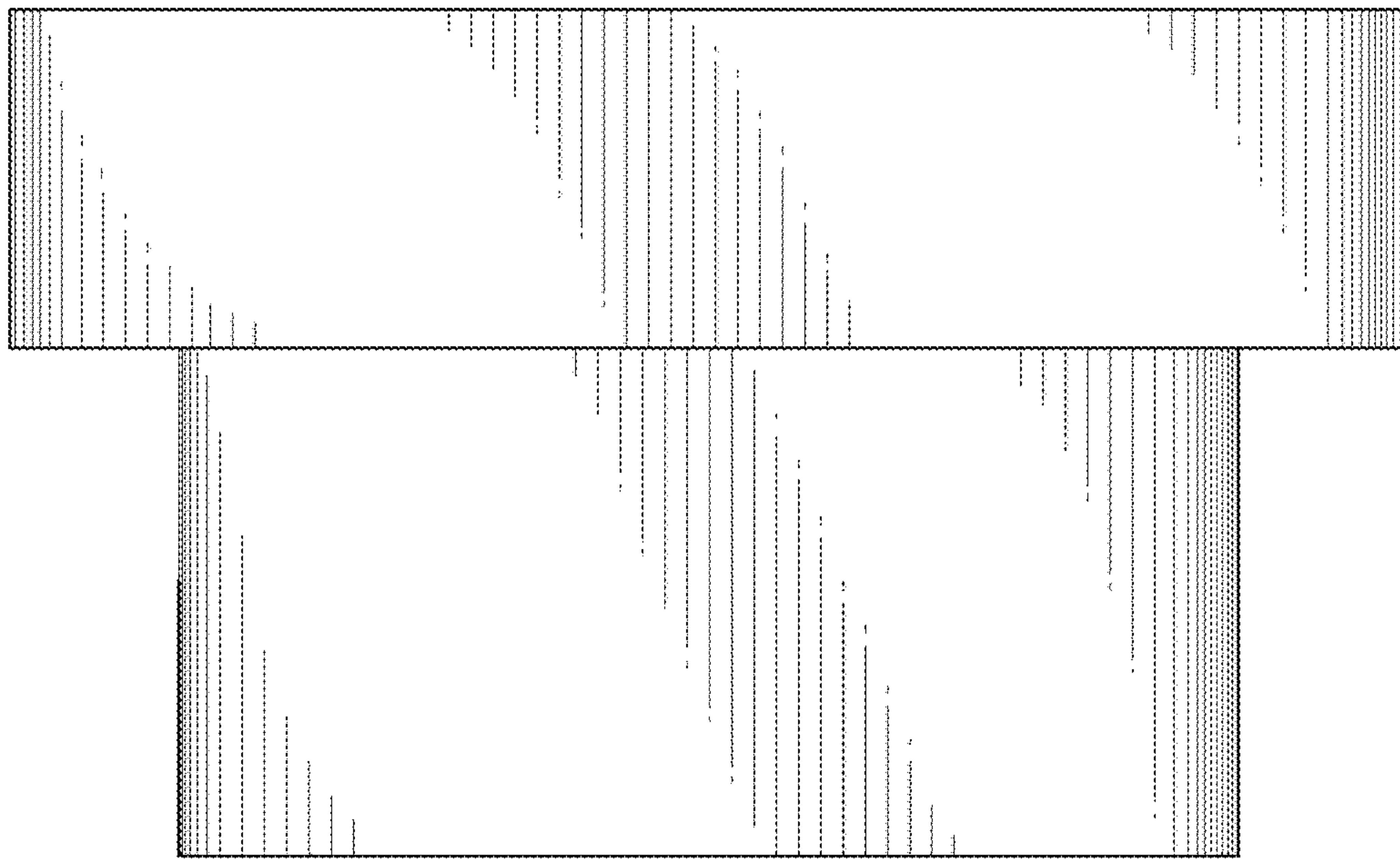


FIG. 4

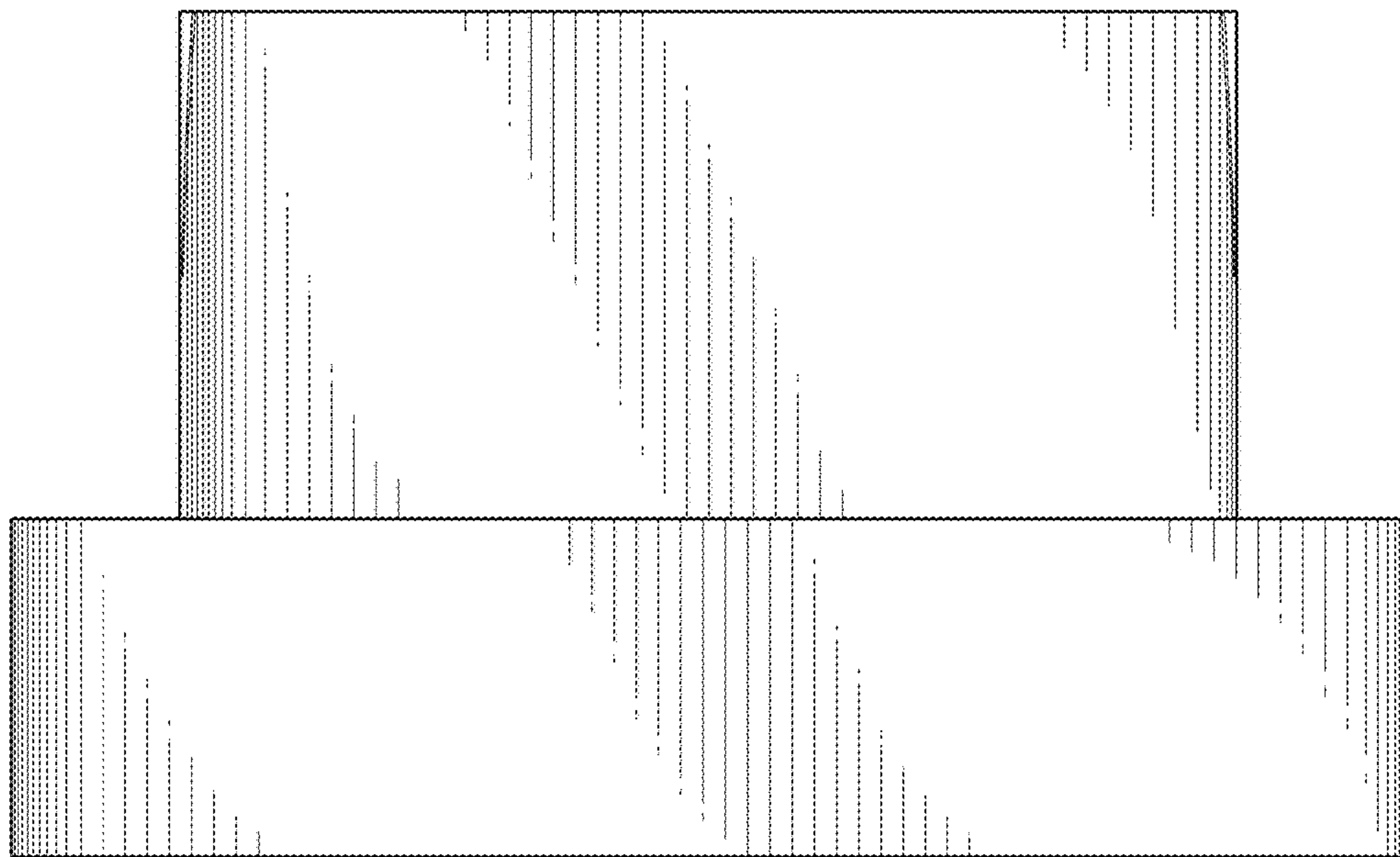


FIG. 5

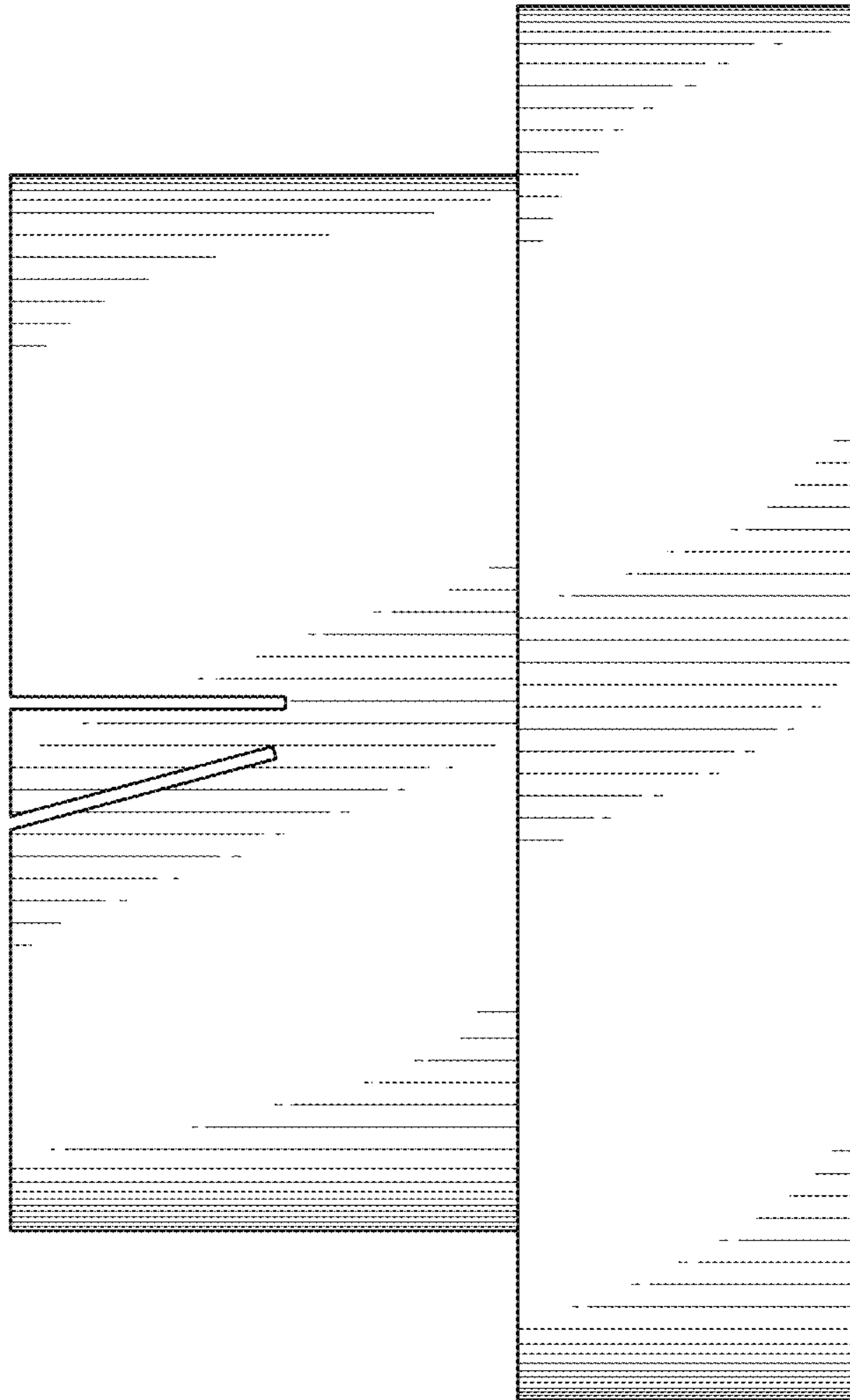


FIG. 6

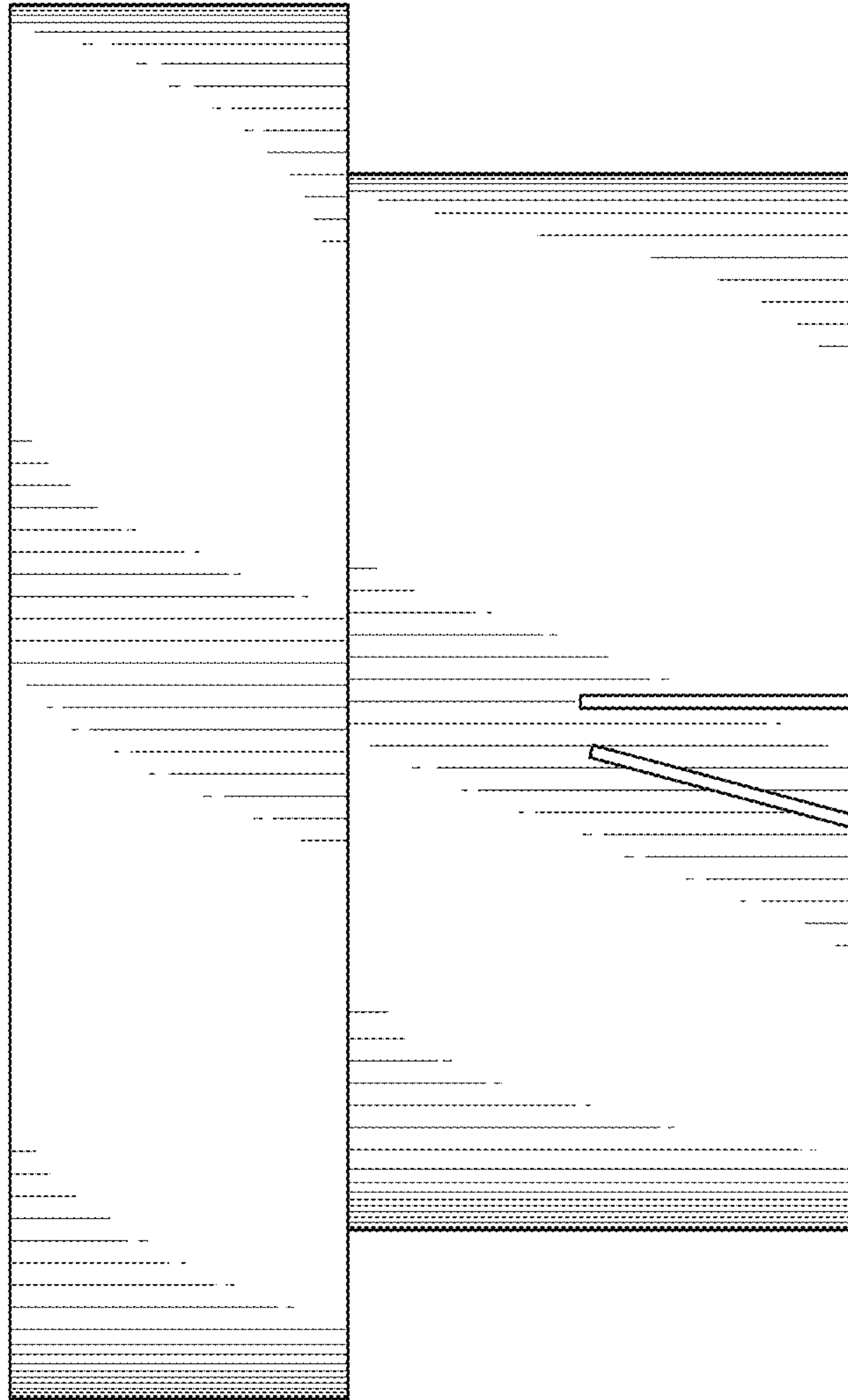


FIG. 7

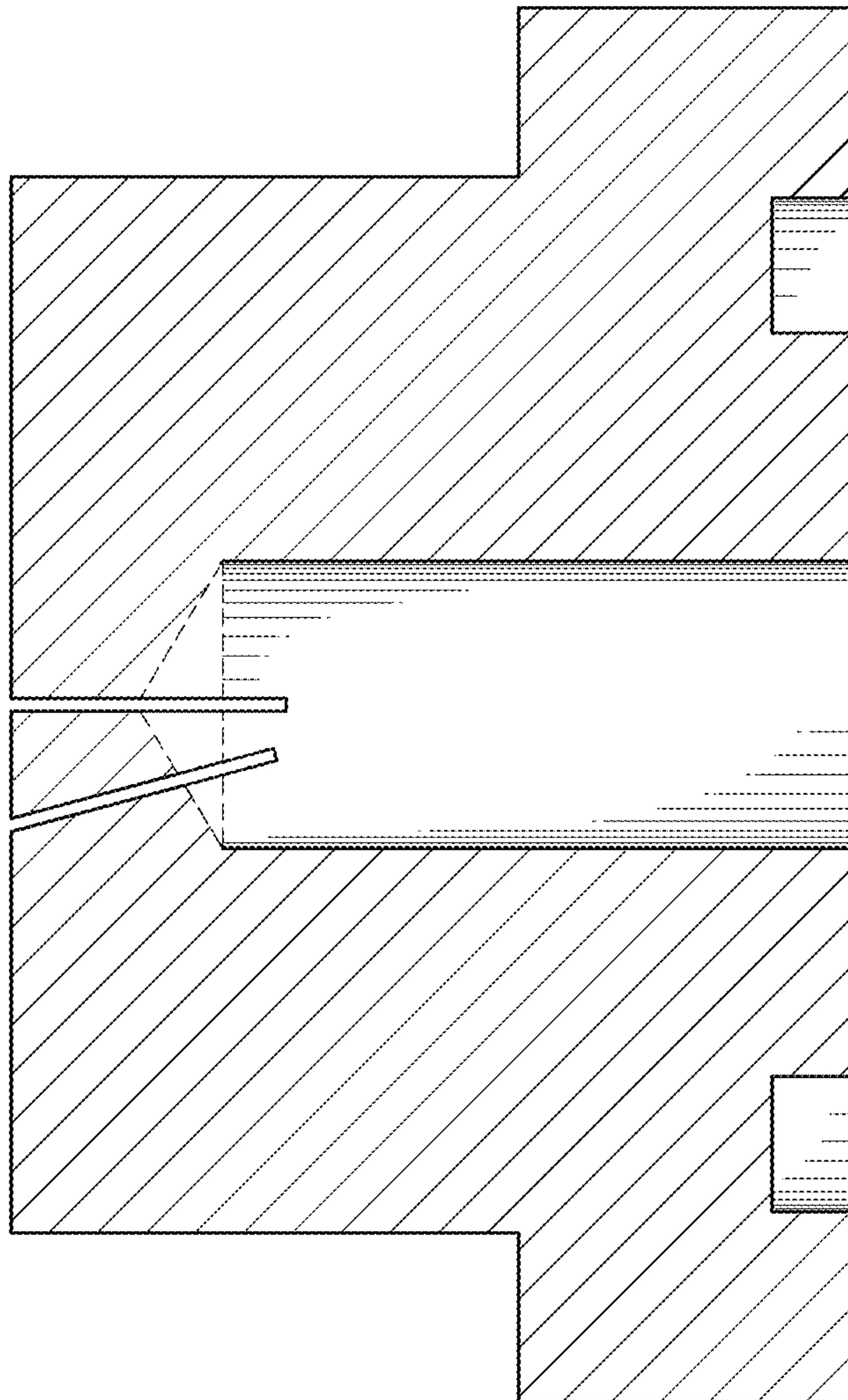


FIG. 8

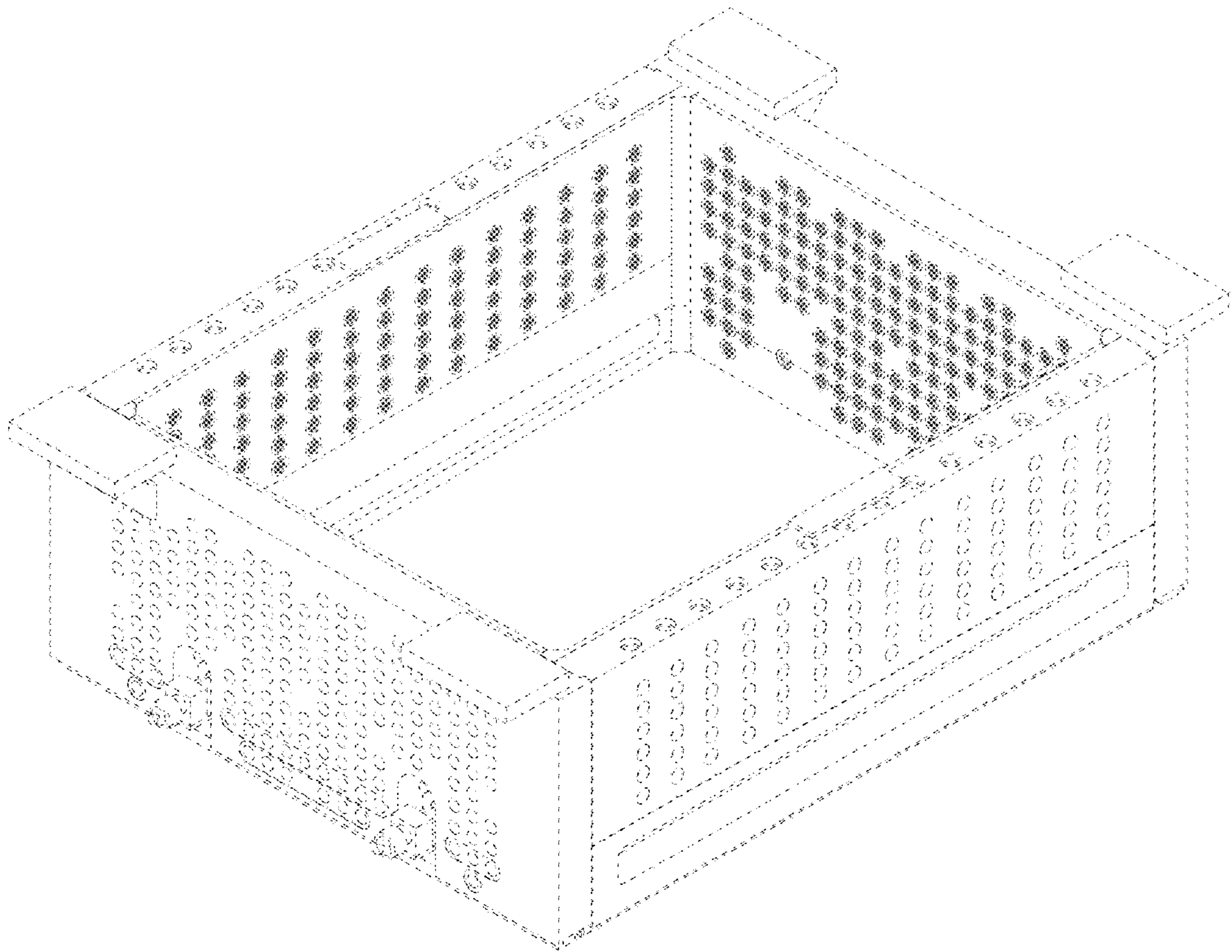


FIG. 9