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(12) **United States Design Patent** (10) **Patent No.:** **US D910,093 S**  
**Abe et al.** (45) **Date of Patent:** **\*\* Feb. 9, 2021**

(54) **DRILLING TOOL**

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(71) Applicant: **SUMITOMO ELECTRIC HARDMETAL CORP.**, Itami (JP)

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(72) Inventors: **Machiko Abe**, Itami (JP); **Hiroyuki Shimada**, Itami (JP); **Kazuya Yano**, Itami (JP)

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Office Action dated Sep. 13, 2018 in Design U.S. Appl. No. 29/550,577 [Related Application, provided in IFW].

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(73) Assignee: **Sumitomo Electric Hardmetal Corp.**, Itami (JP)

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

*Primary Examiner* — Patricia A Palasik

(21) Appl. No.: **29/648,971**

(74) *Attorney, Agent, or Firm* — Baker Botts L.L.P.; Michael A. Sartori

(22) Filed: **May 25, 2018**

(57) **CLAIM**

The ornamental design for a drilling tool, as shown and described.

**Related U.S. Application Data**

(62) Division of application No. 29/550,577, filed on Jan. 5, 2016.

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Jul. 6, 2015 (JP) ..... 2015-015001  
Jul. 6, 2015 (JP) ..... 2015-015002

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(51) **LOC (13) Cl.** ..... **15-09**

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

(58) **Field of Classification Search**  
USPC ..... D8/86; D15/131, 132, 138, 139, 140  
(Continued)

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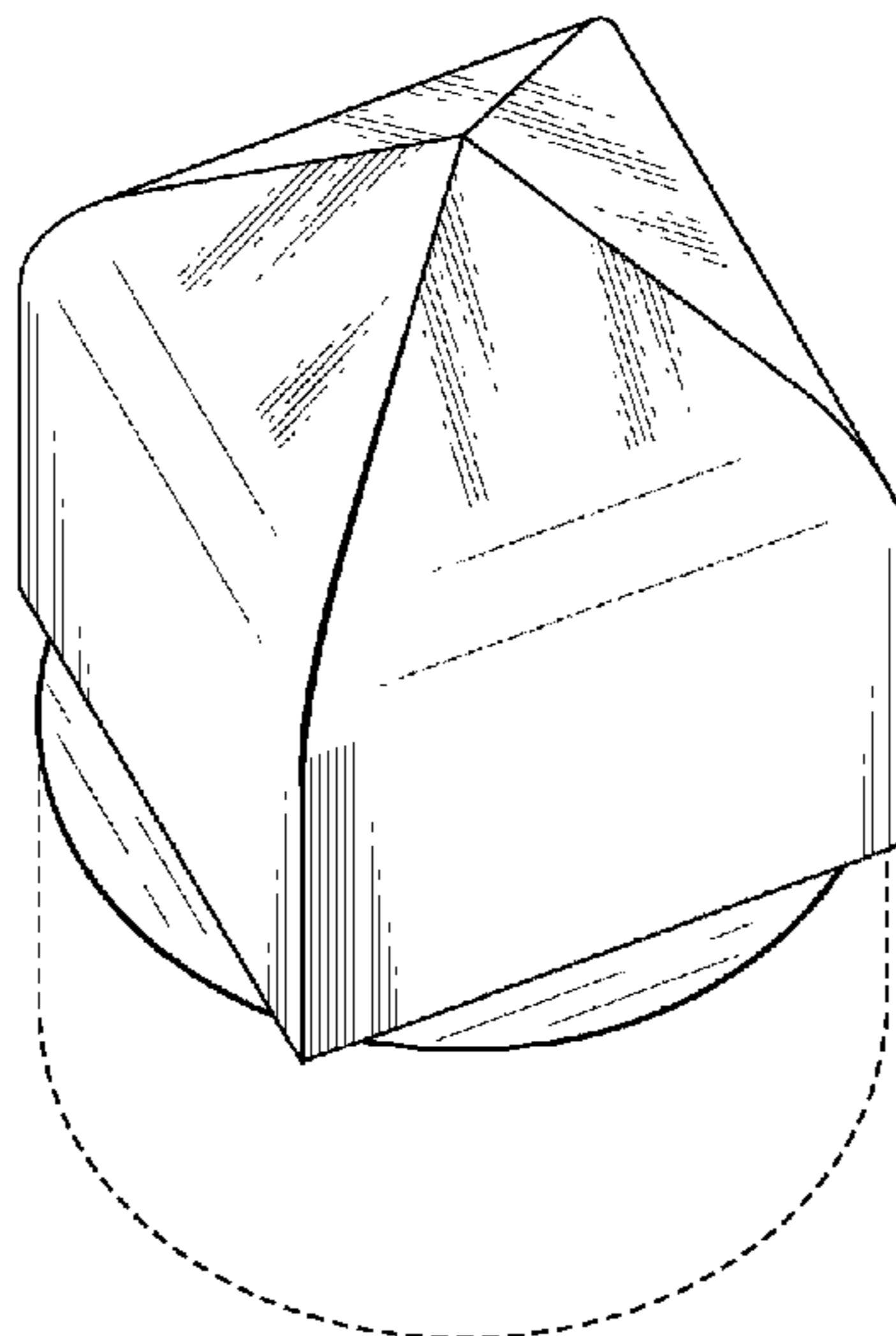
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FIG. 1 is a front view of a drilling tool of an embodiment showing our new design,  
FIG. 2 is a rear view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a bottom view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a left side view thereof;  
FIG. 7 is a perspective view thereof;  
FIG. 8 is an enlarged front view of 8-12 through 8-12 portion of FIG. 1,  
FIG. 9 is an enlarged top view of 8-12 through 8-12 portion of FIG. 1,  
FIG. 10 is an enlarged right side view of 8-12 through 8-12 portion of FIG. 1,  
FIG. 11 is an enlarged first perspective view of 8-12 through 8-12 portion of FIG. 1; and,  
FIG. 12 is an enlarged second perspective view of 8-12 through 8-12 portion of FIG. 1.

The broken lines shown in the drawings represent portions of the drilling tool that form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(30) Foreign Application Priority Data

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(58) Field of Classification Search

CPC ... B23K 31/025; B23K 35/0222; E21B 10/56;  
 E21C 35/183; E21C 2035/1806  
 See application file for complete search history.

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FIG. 1

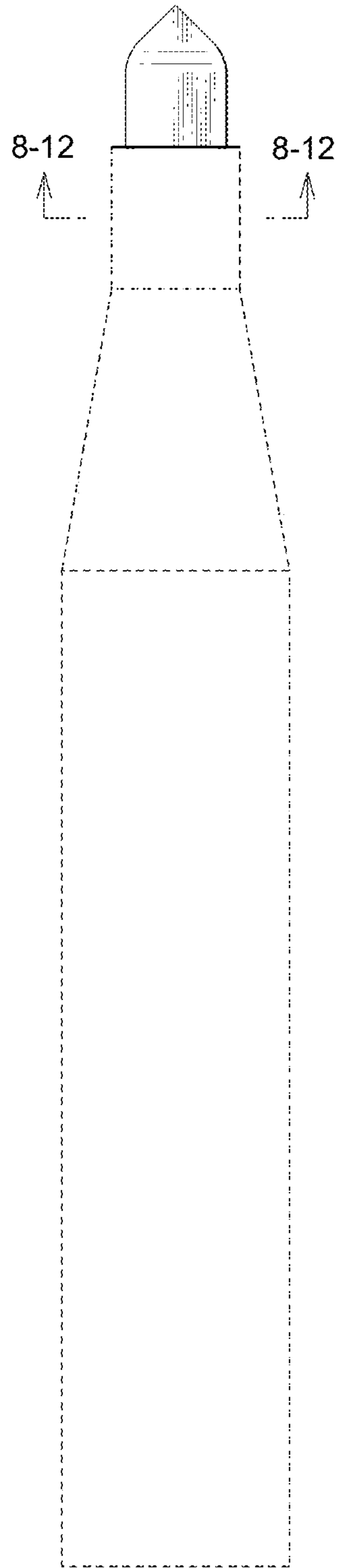


FIG. 2

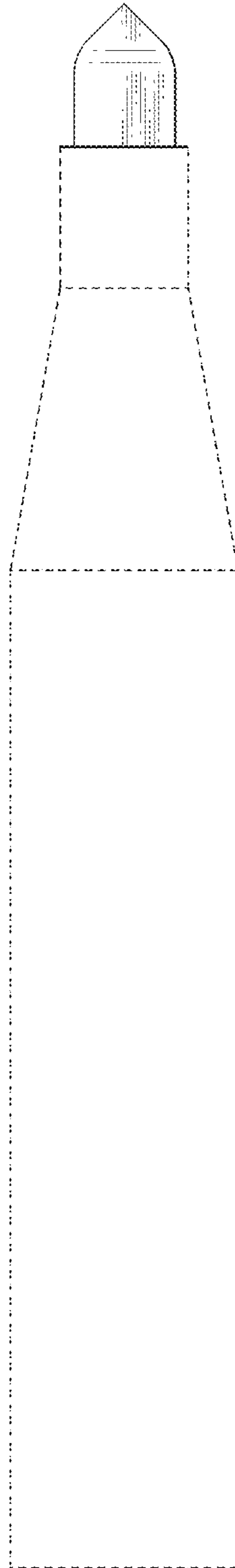


FIG. 3

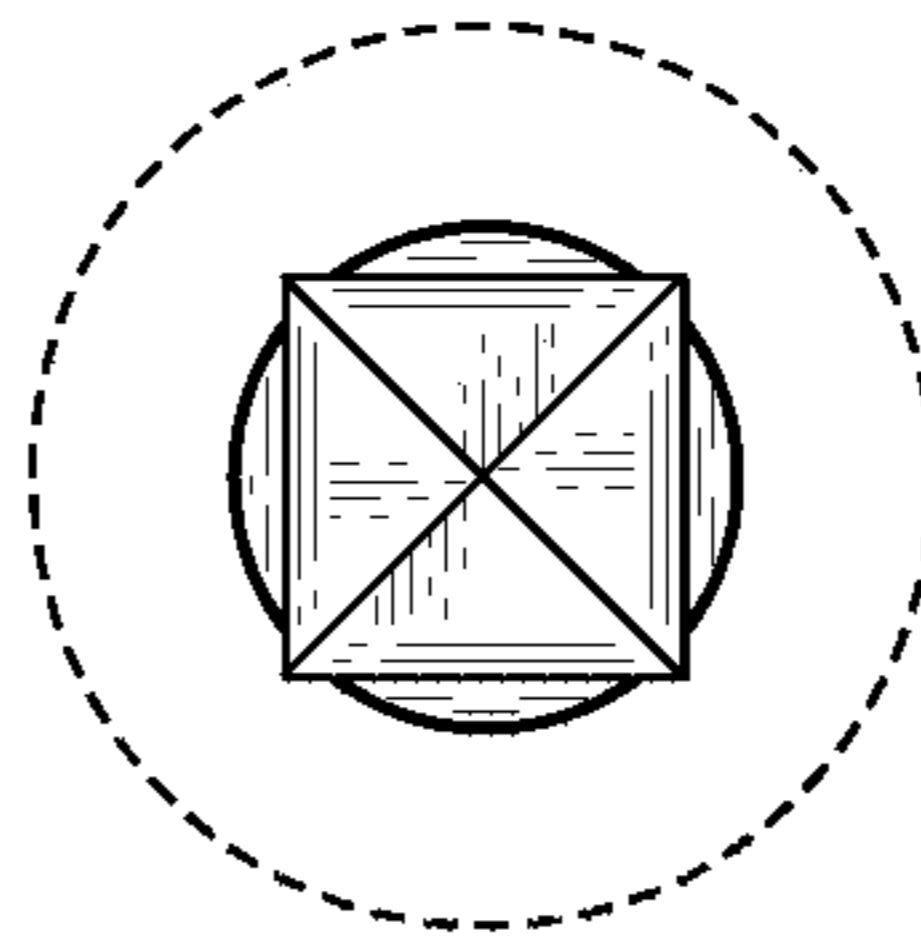


FIG. 4

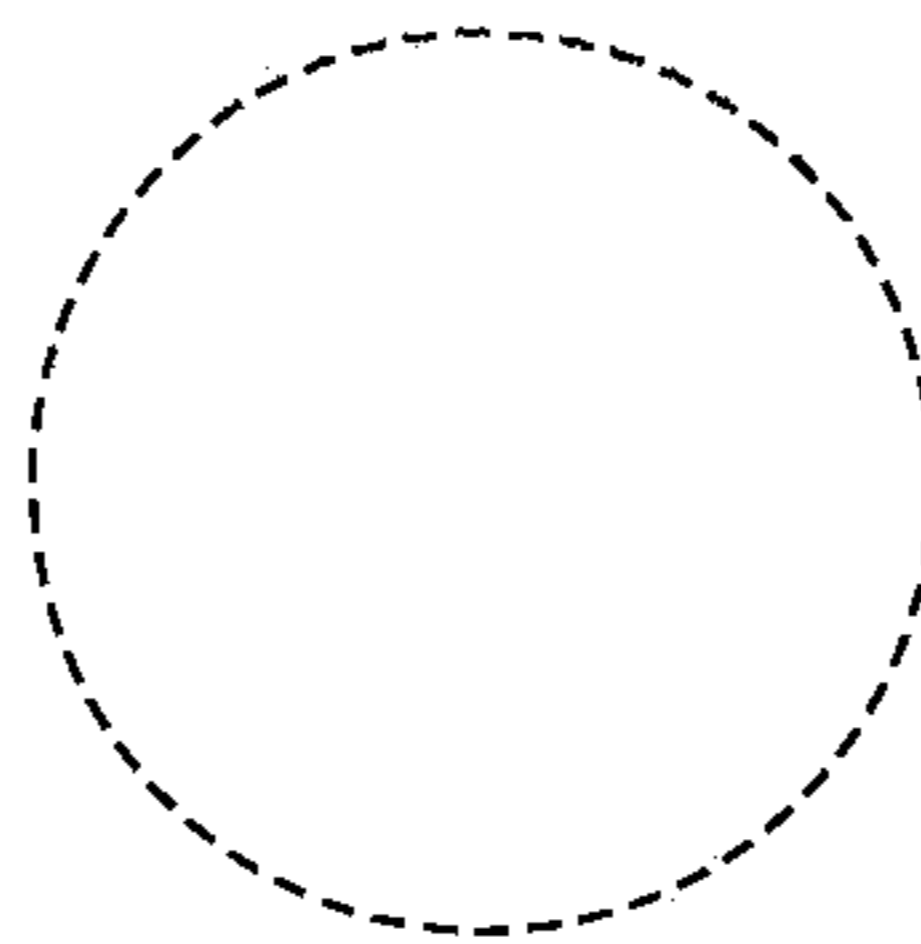


FIG. 5

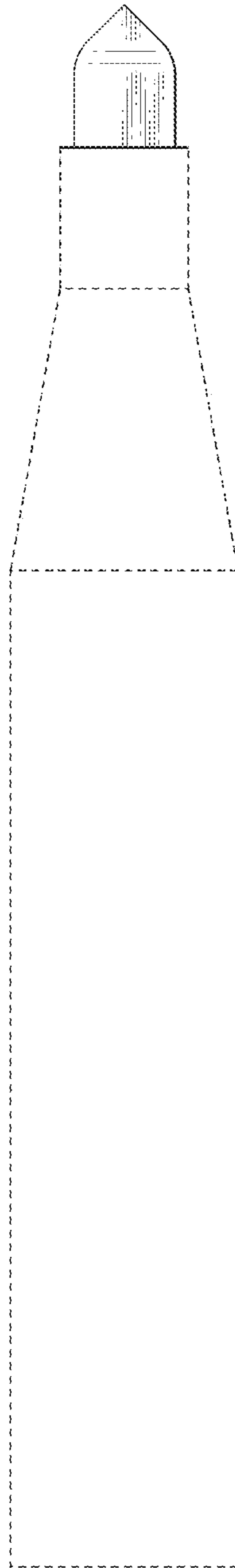


FIG. 6

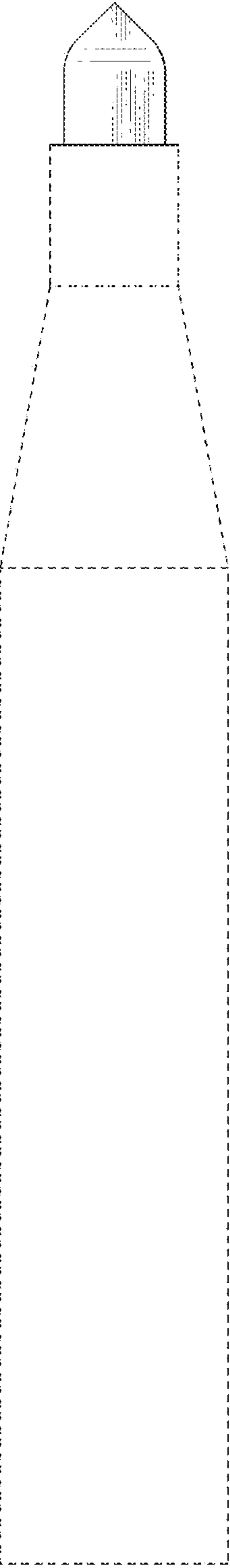


FIG. 7

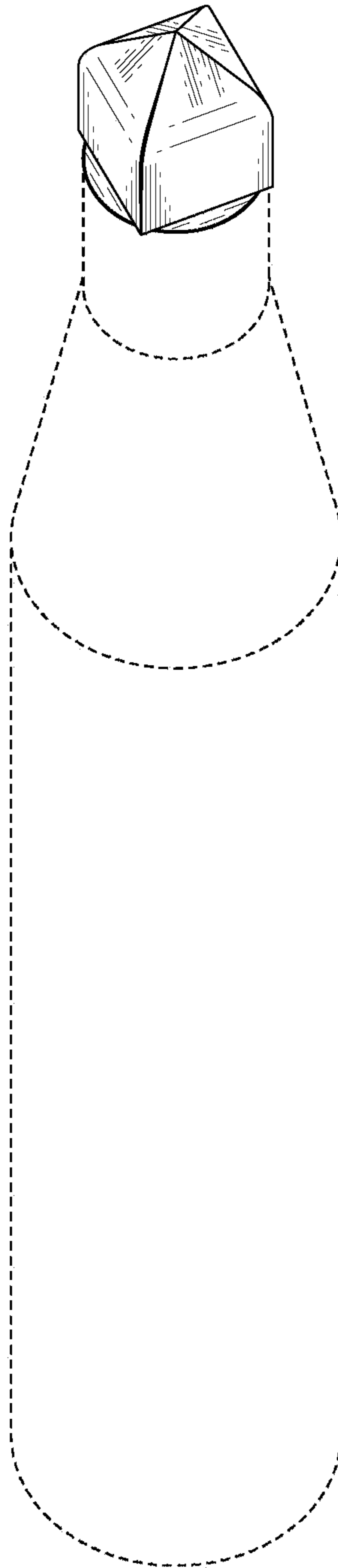




FIG. 8

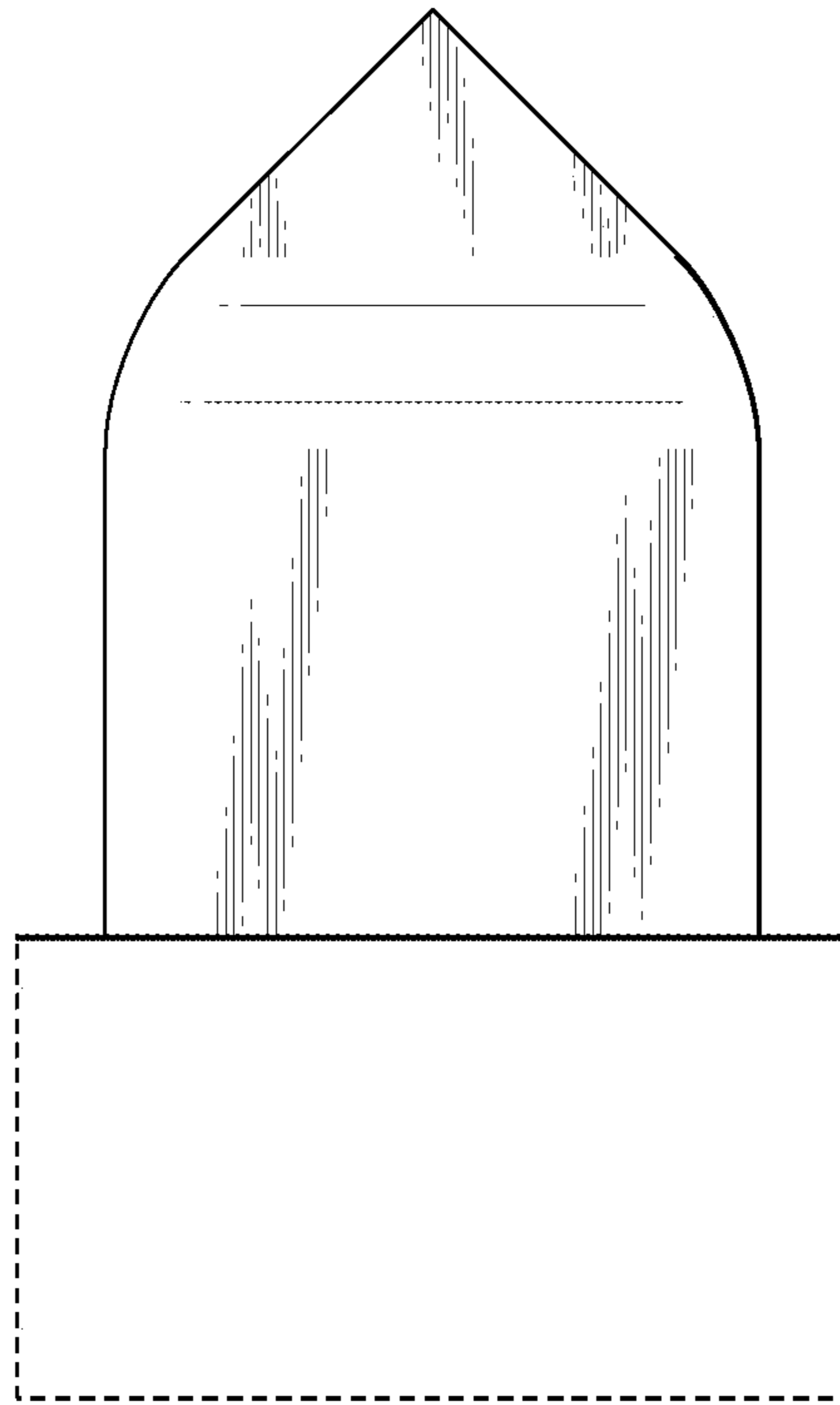


FIG. 9

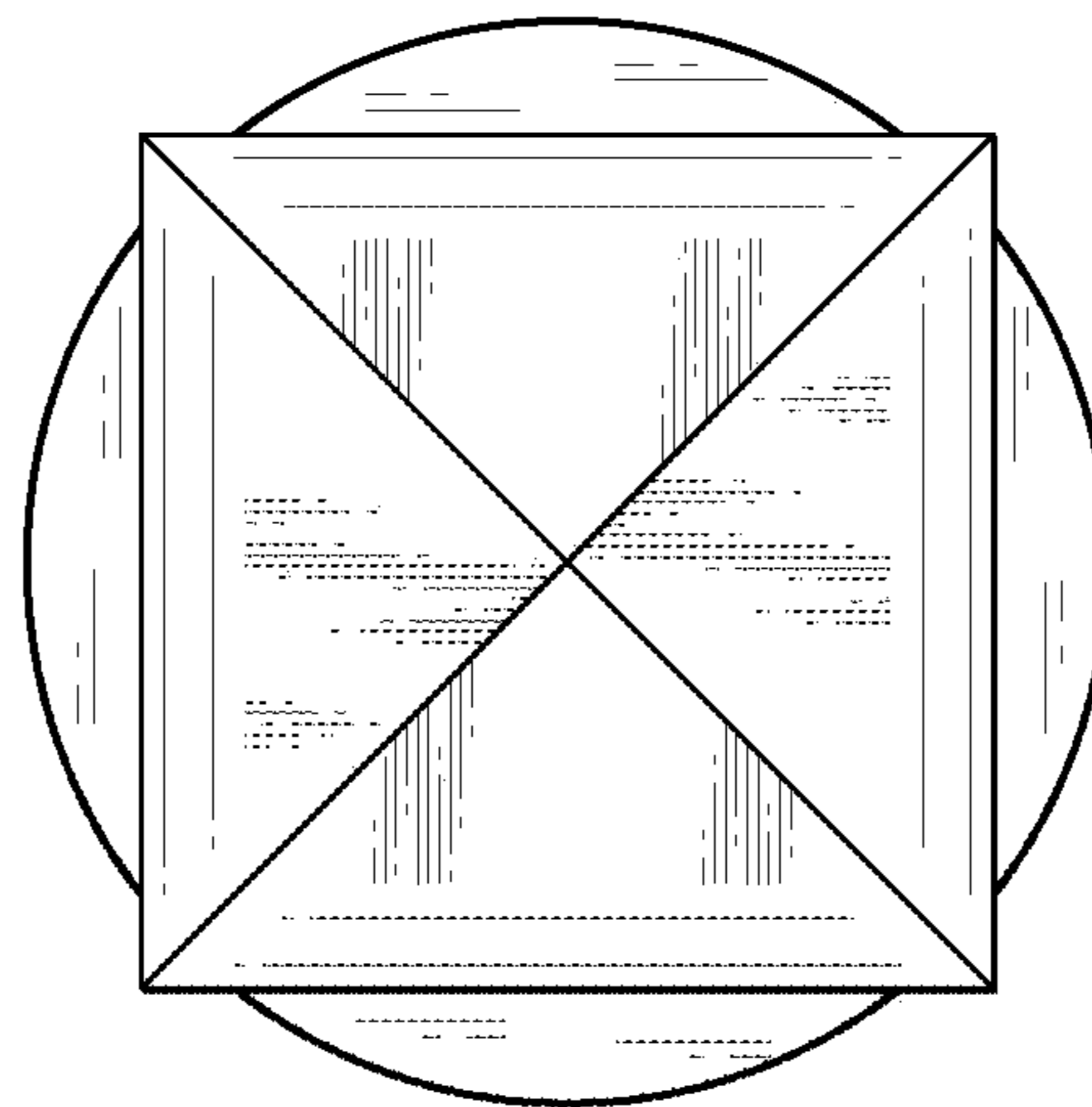


FIG. 10

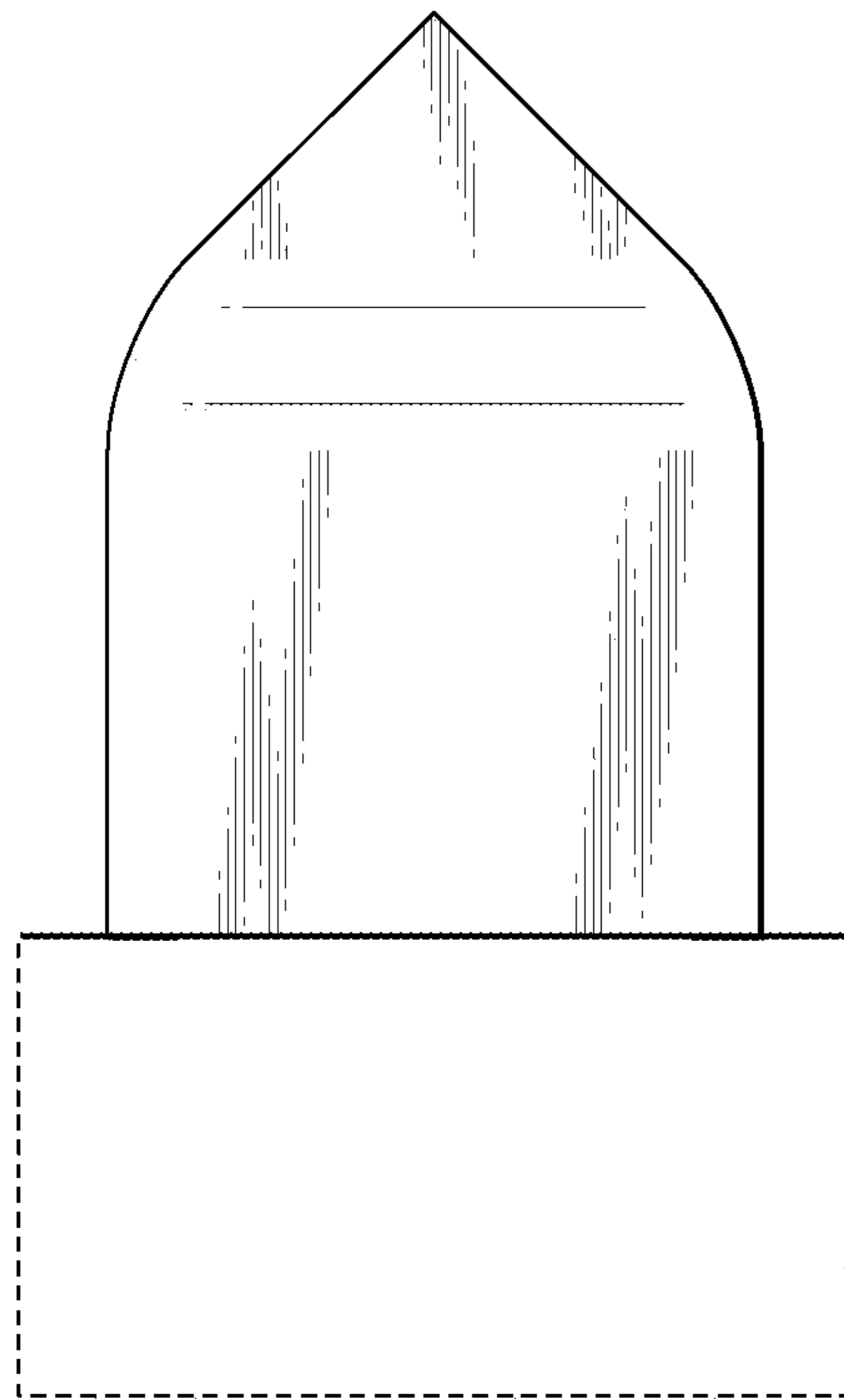


FIG. 11

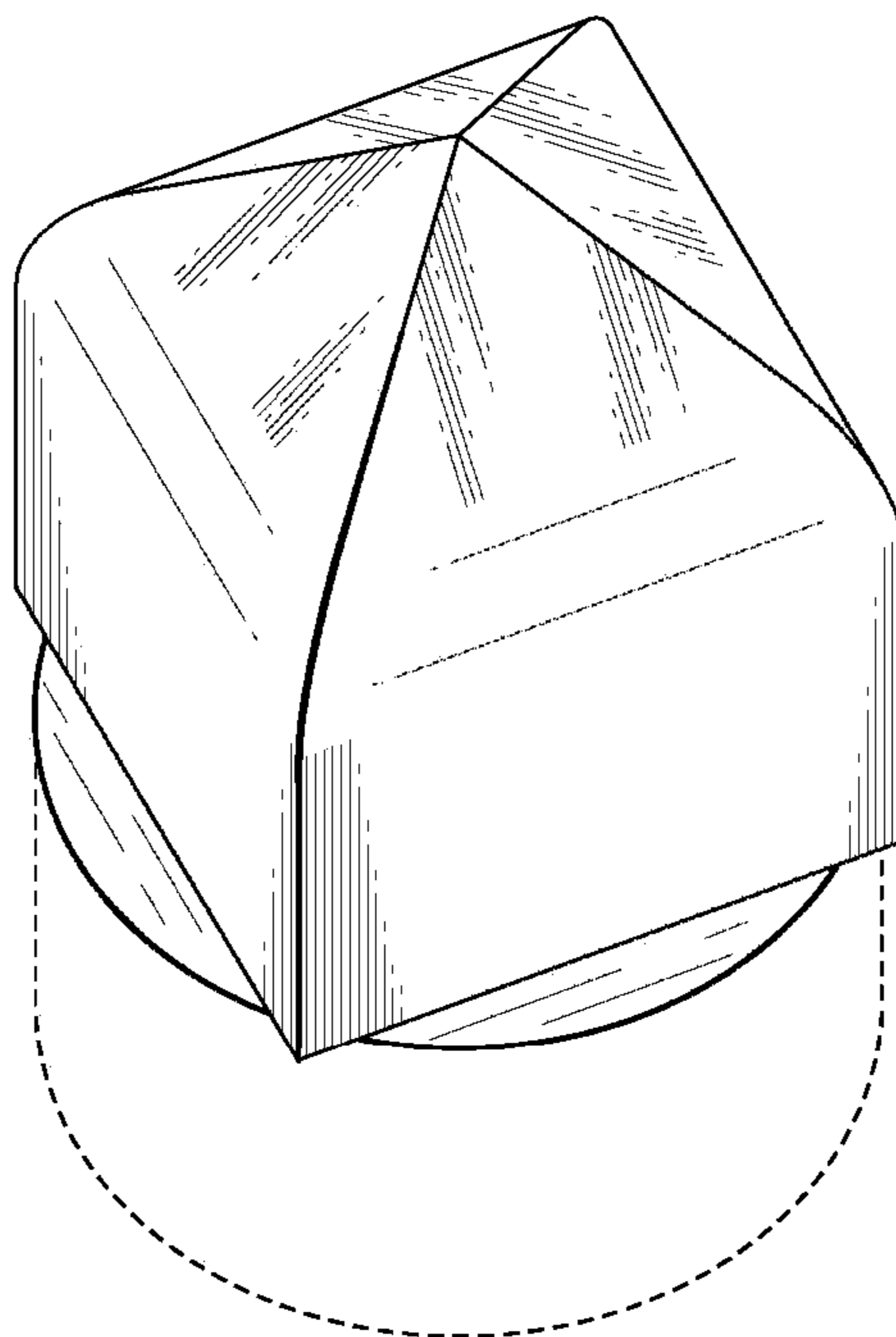


FIG. 12

