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(12) **United States Design Patent** (10) **Patent No.:** **US D977,320 S**
Smith (45) **Date of Patent:** **** Feb. 7, 2023**

(54) **HINGE PIN REMOVAL TOOL**
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(72) Inventor: **Hunter D. Smith**, Wheaton, IL (US)
(73) Assignee: **Nomis LLC**, Palatine, IL (US)
(**) Term: **15 Years**
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(51) **LOC (14) Cl.** **08-05**
(52) **U.S. Cl.**
USPC **D8/14**
(58) **Field of Classification Search**
USPC D8/14, 21, 51, 88, 89, 98, 105
CPC B25B 27/04; Y10T 29/53943; Y10T
29/5393
See application file for complete search history.

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Ryobi Hinge Pin Remover and Installer; <https://www.homedepot.com/p/RYOBI-Hinge-Pin-Remover-and-Installer-A99HPR1/312284027#product-overview>; known on or before Nov. 18, 2020.
Spring Tools PM407 Nail Set and Hinge Pin Tool; <https://www.amazon.com/Spring-Tools-Available-PM407-Hinge/dp/B003BHDHI6>; known to applicant on or before Nov. 18, 2020.

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(57) **CLAIM**

I claim the ornamental design for the hinge pin removal tool, as shown and described.

(56) **References Cited**

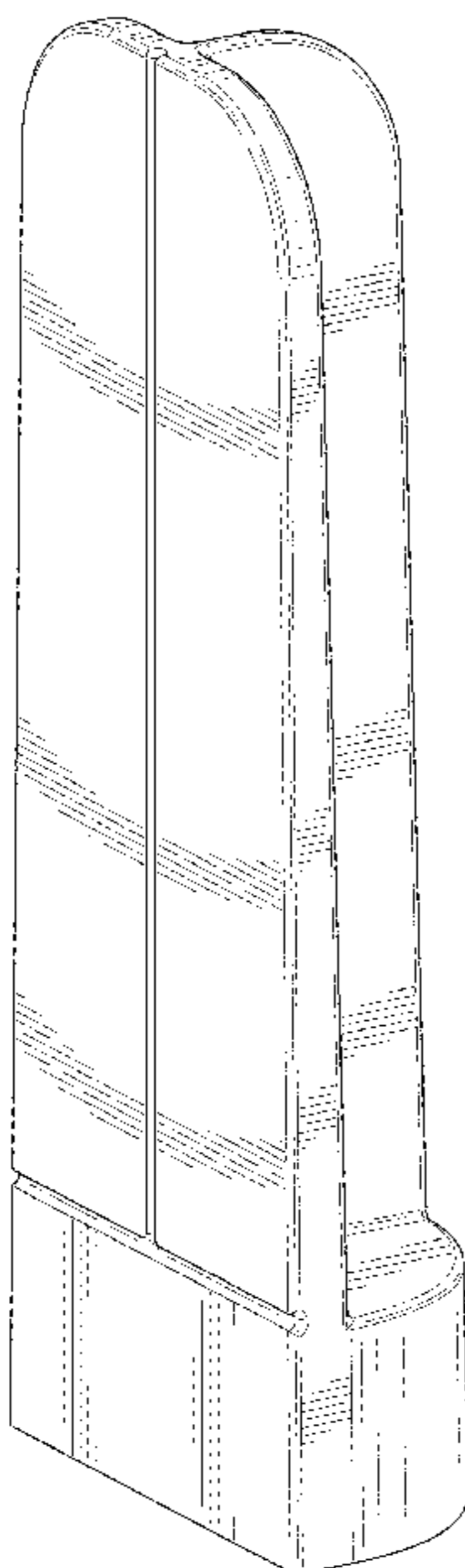
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DESCRIPTION

FIG. 1 is a first perspective view of the hinge pin removal tool;
FIG. 2 is a second perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof;
FIG. 5 is a side view thereof;
FIG. 6 is a side view thereof showing the side opposite that shown in FIG. 5;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The broken lines depict portions of the hinge pin removal tool in which the design is embodied that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



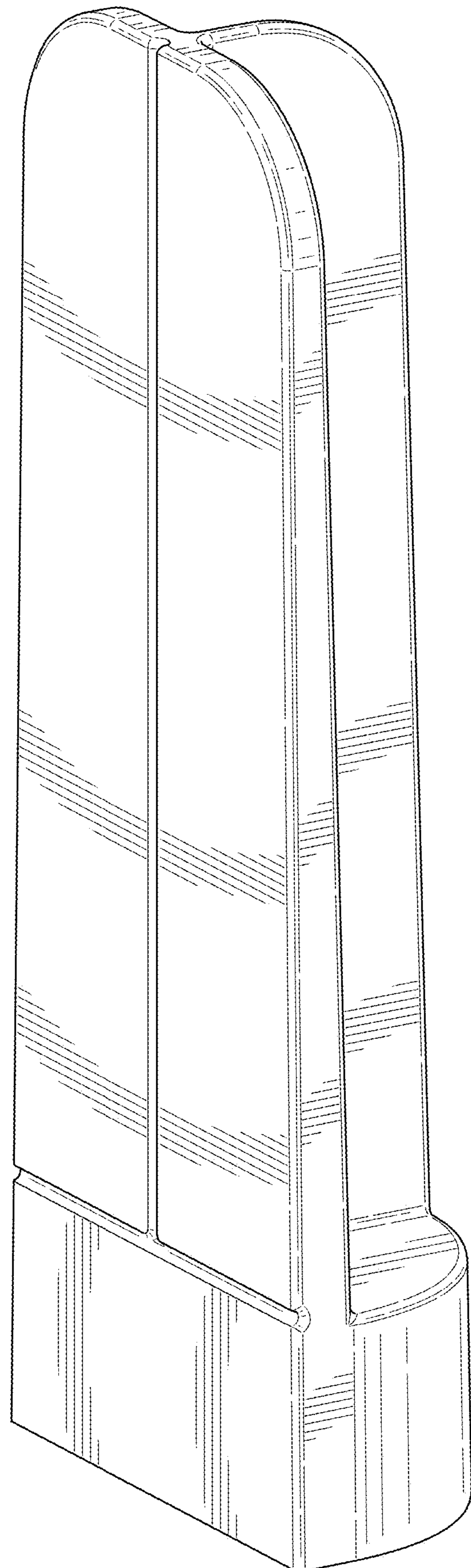


FIG. 1

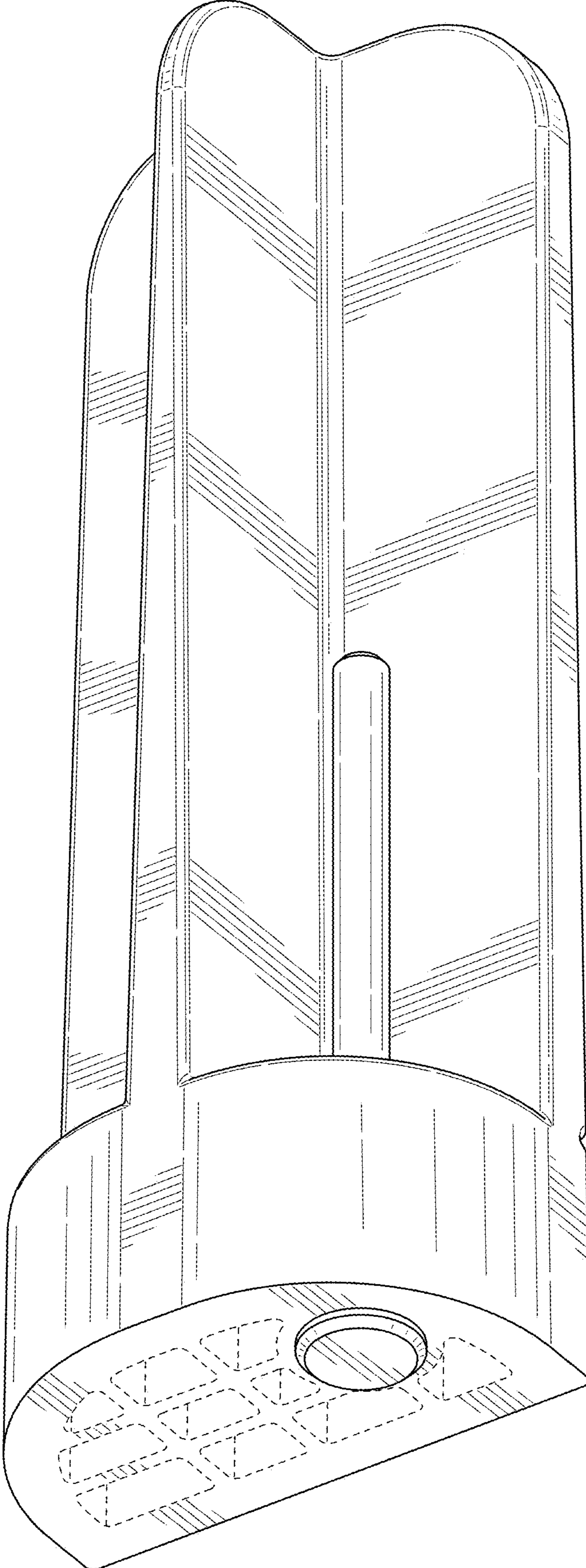


FIG. 2

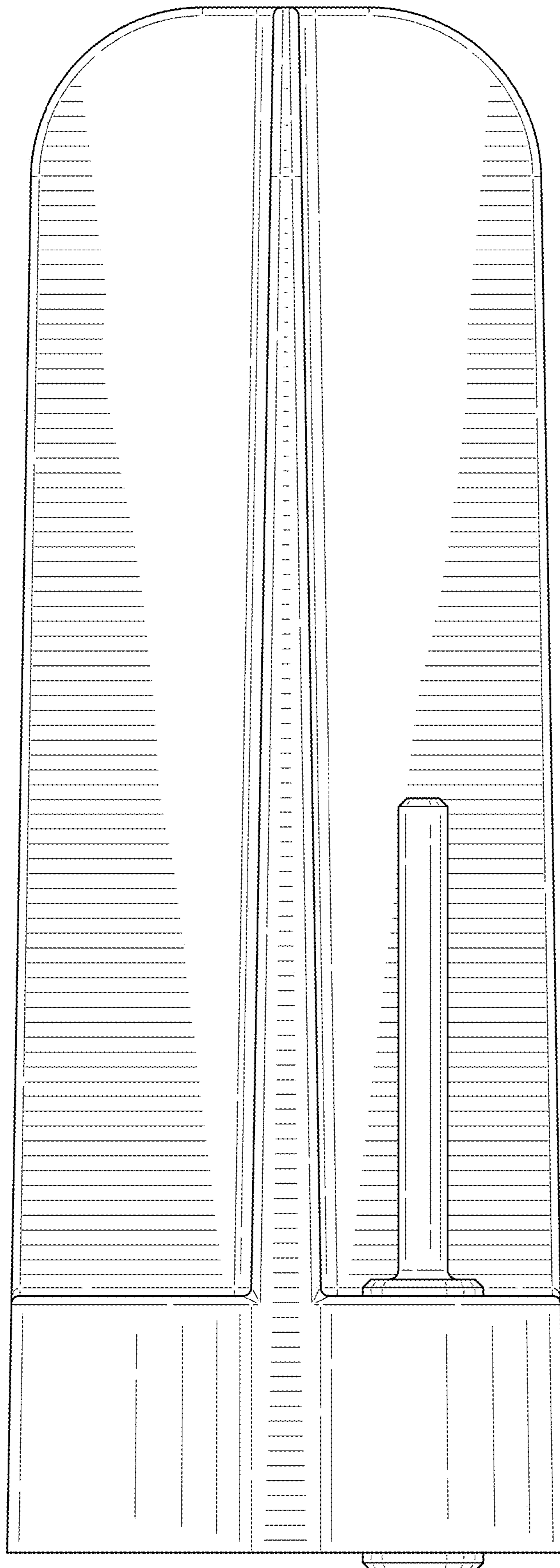


FIG. 3

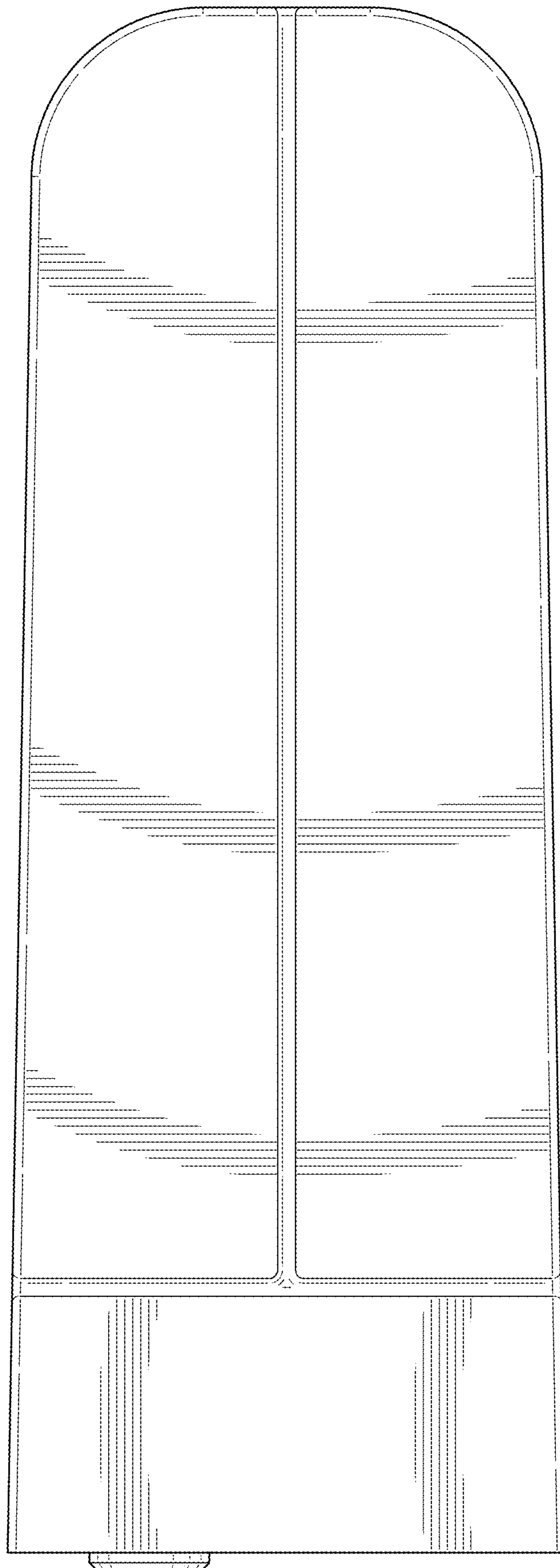


FIG. 4

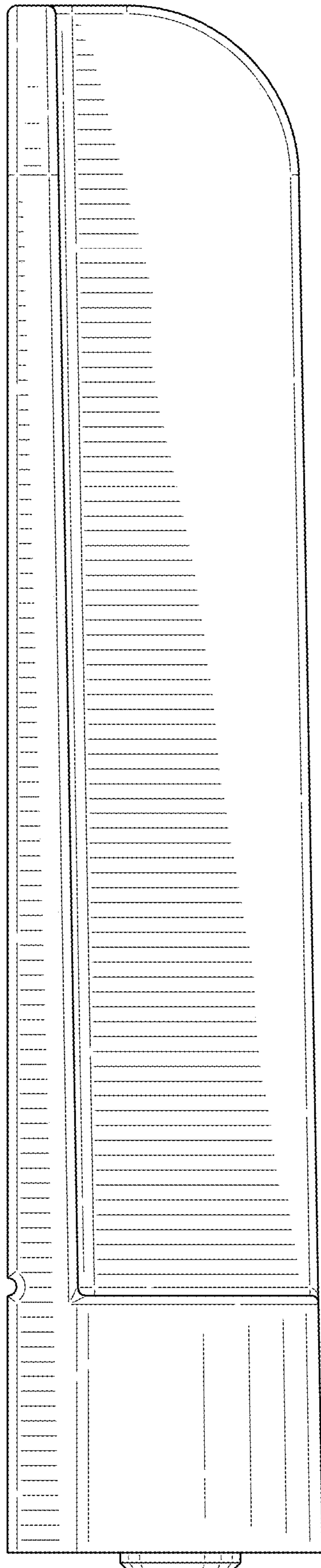


FIG. 5

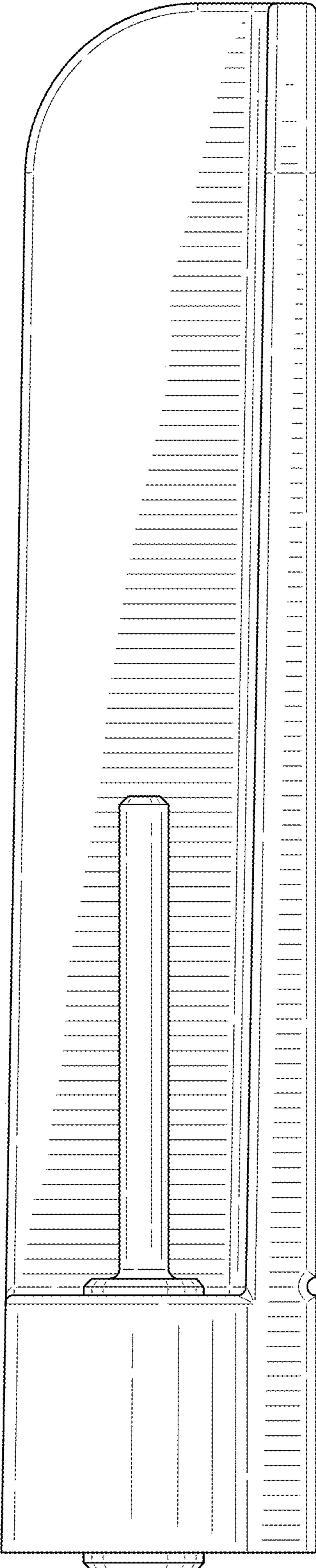


FIG. 6

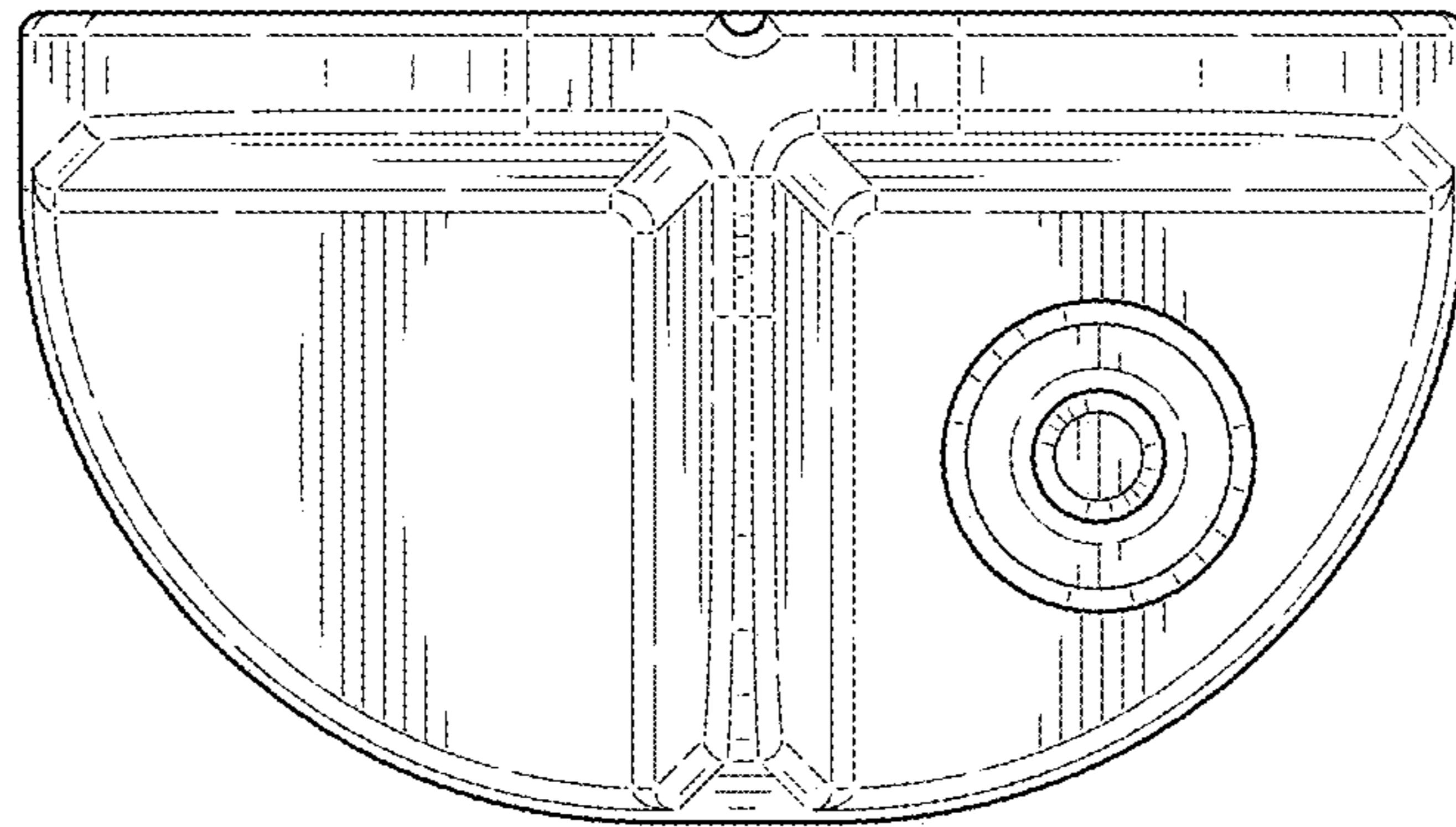


FIG. 7

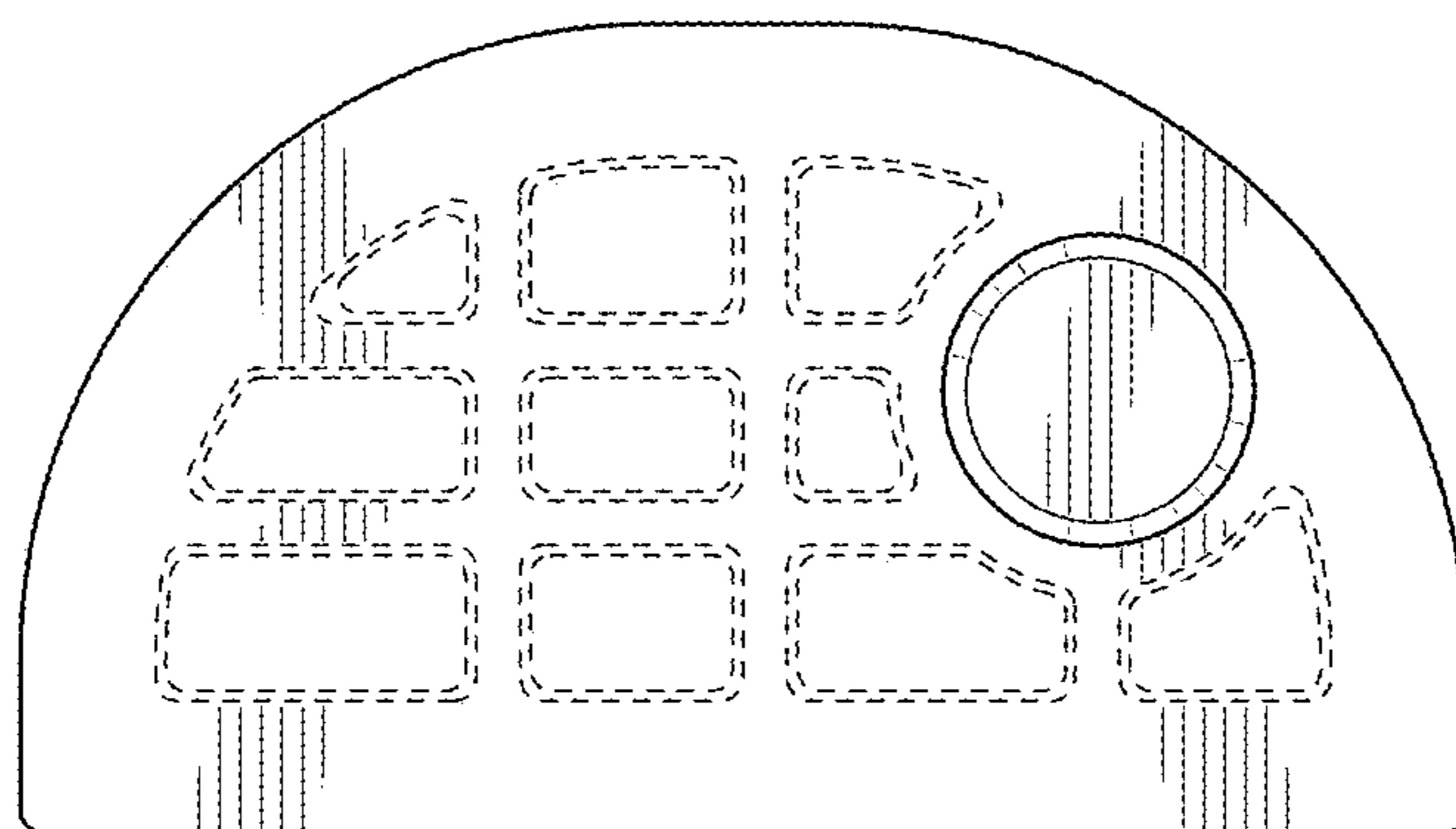


FIG. 8