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(12) **United States Design Patent** (10) **Patent No.:** **US D780,283 S**
Burrow (45) **Date of Patent:** **** Feb. 28, 2017**

(54) **PRIMER DIVERTER CUP USED IN POLYMER AMMUNITION**

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(73) Assignee: **TRUE VELOCITY, INC.**, Dallas, TX (US)
(**) Term: **15 Years**

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(52) **U.S. Cl.**
USPC **D22/116**
(58) **Field of Classification Search**
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CPC F41A 9/83; F41A 9/82; F41A 9/01;
F41A 9/09; F41A 9/86; F42B 30/02; F42B
5/02; F42B 5/26; F42B 12/34; F42B
8/04; F42B 10/22; F42B 8/14
See application file for complete search history.

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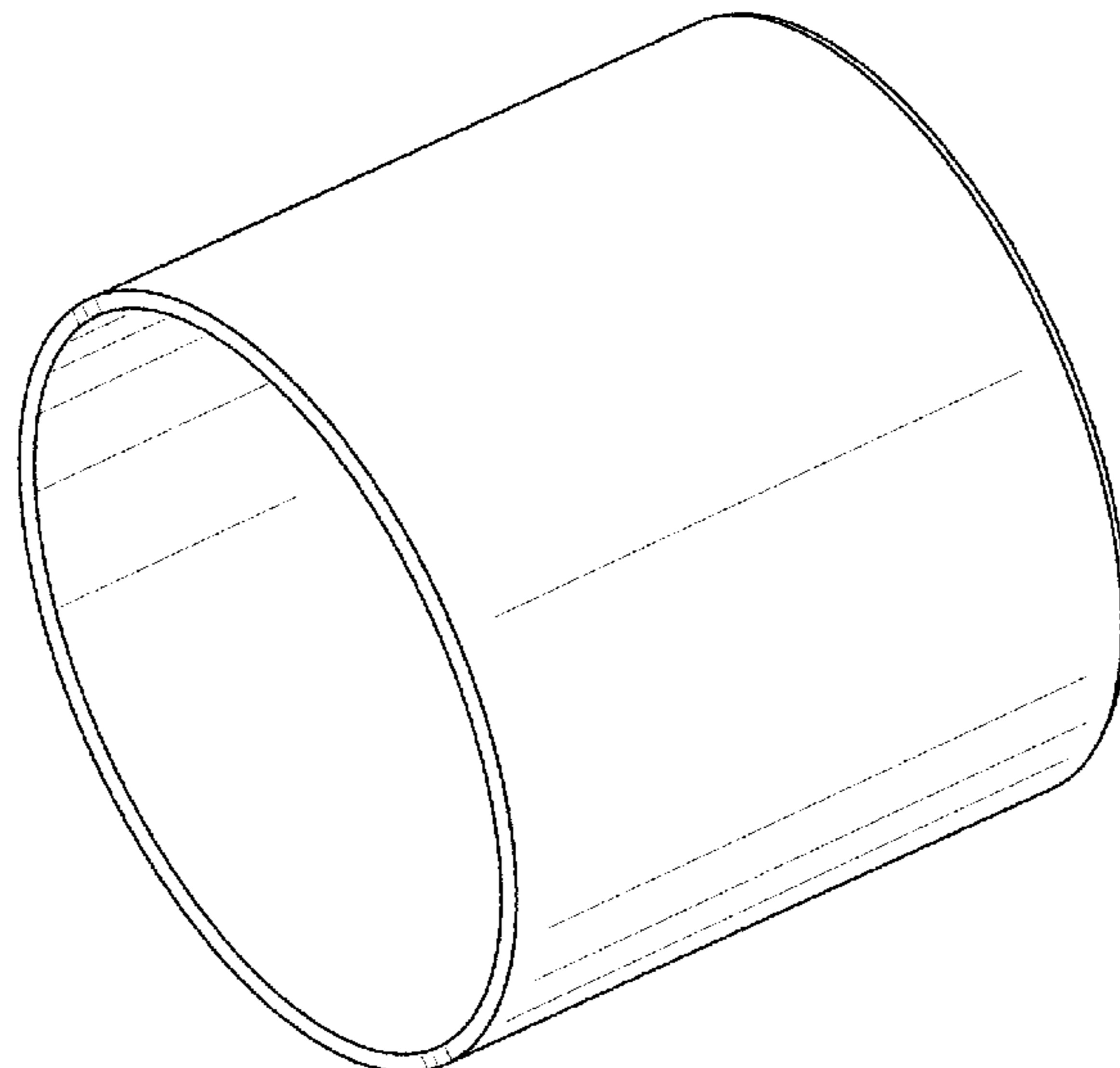
(57) **CLAIM**

The ornamental design for a primer diverter cup used in polymer ammunition, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a primer diverter cup showing my new design.
FIG. 2 is a top view of a primer diverter cup showing my new design.
FIG. 3 is a cross sectional view of a primer diverter cup showing my new design.
FIG. 4 is a side view of a primer diverter cup showing my new design.
FIG. 5 is a side view of a primer diverter cup showing my new design.
FIG. 6 is a bottom view of a primer diverter cup showing my new design; and,
FIG. 7 is an isometric cross sectional view showing a cartridge base insert molded into a cartridge casing and the primer diverter cup inserted in the primer recess.
The broken line showing of a shell casing in FIG. 7 is included for the purpose of illustrating environment and forms no part of the claimed design.
The nature and intended use of the article in which the design is embodied is a primer diverter cup for use in a primer insert used in the manufacture of polymer ammunition casings.

1 Claim, 5 Drawing Sheets



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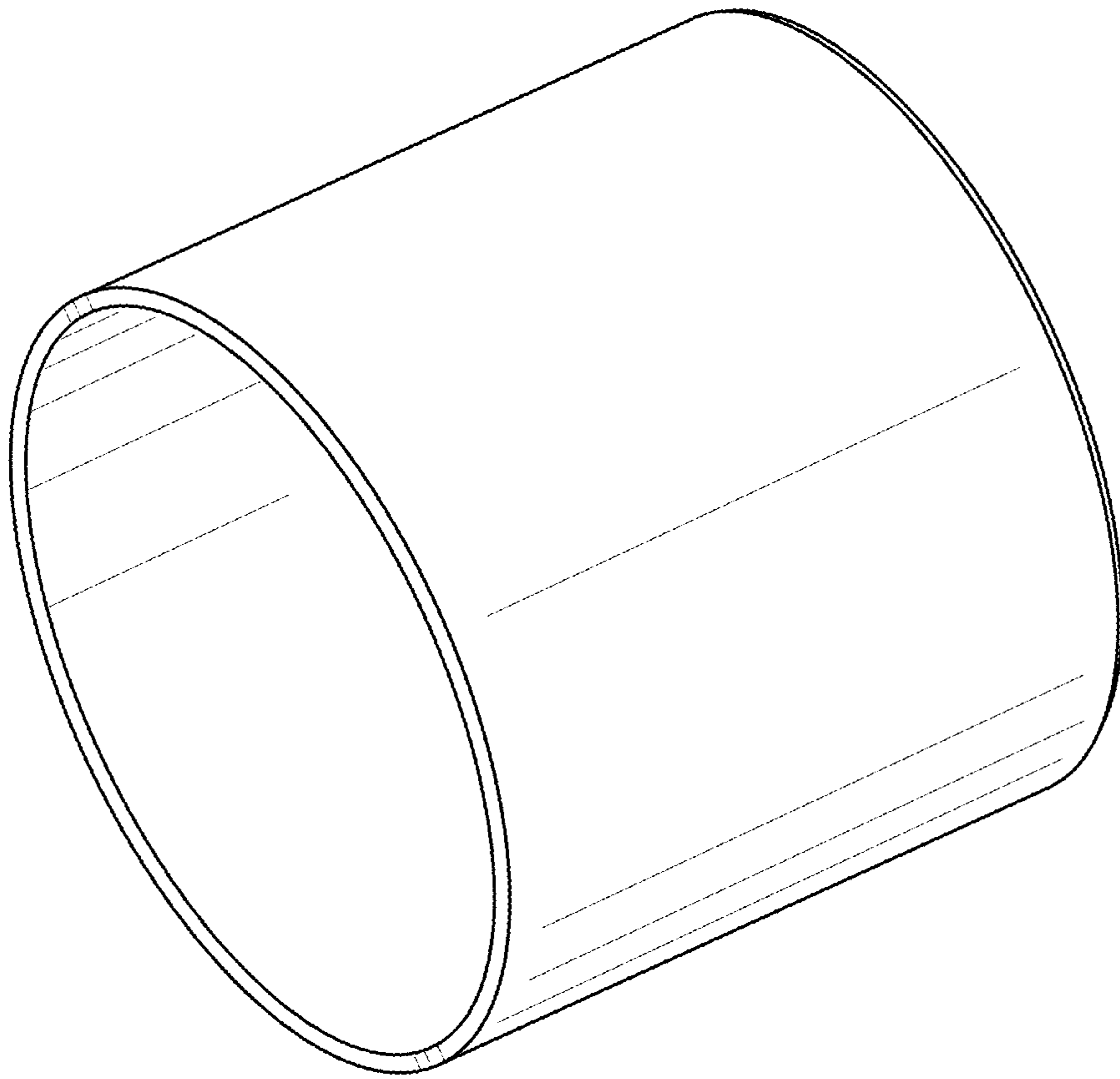


FIG. 1

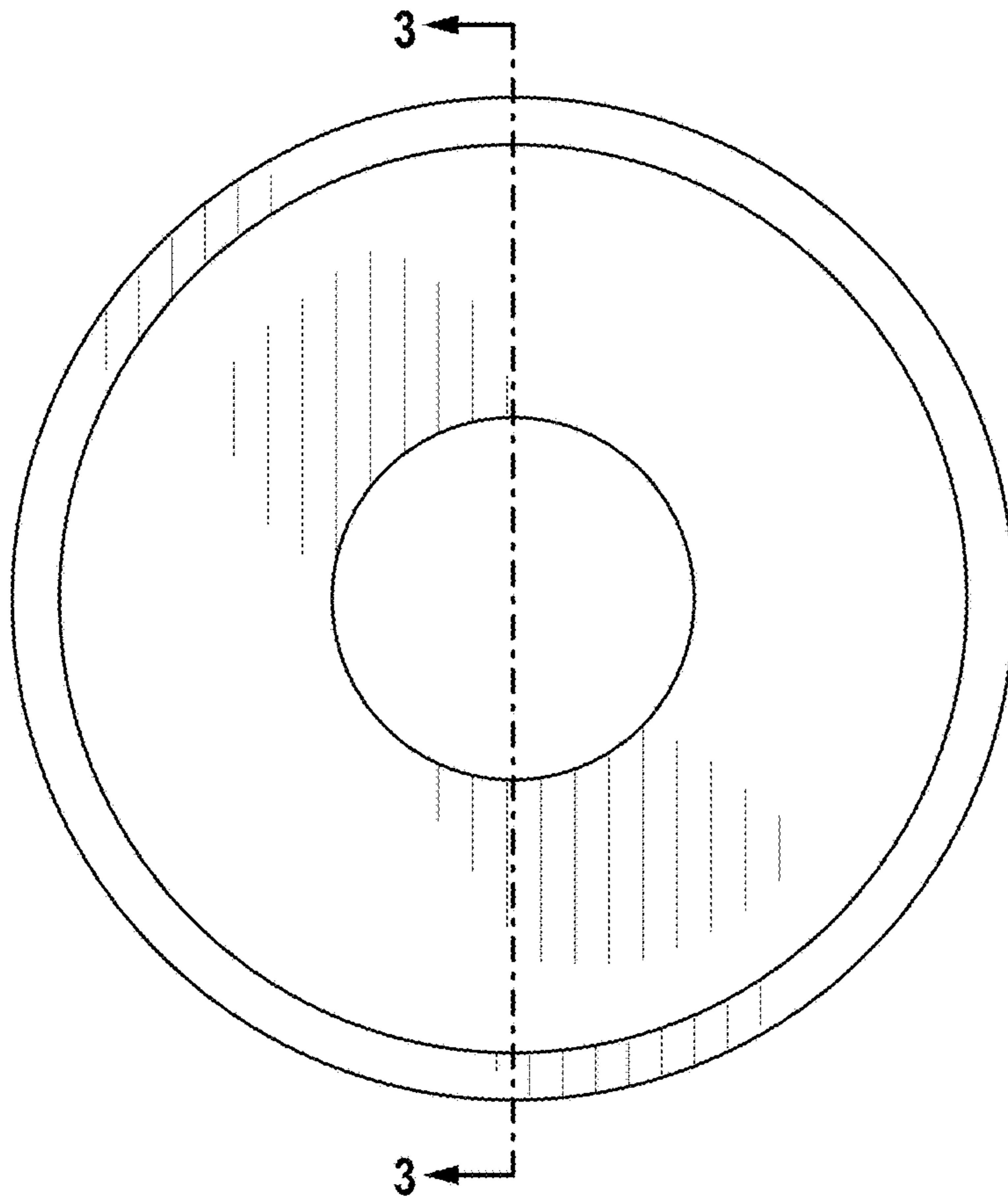


FIG. 2

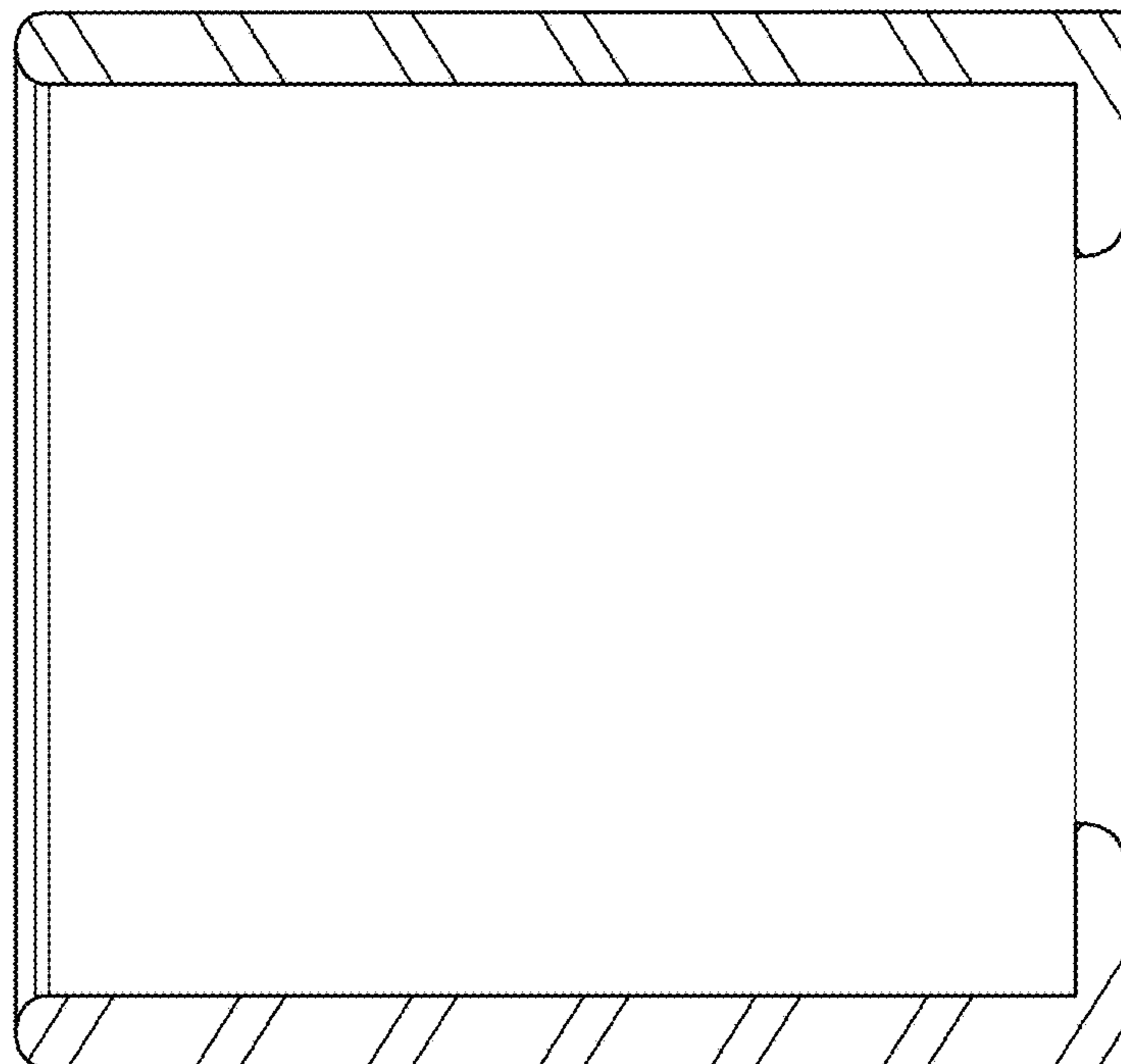


FIG. 3

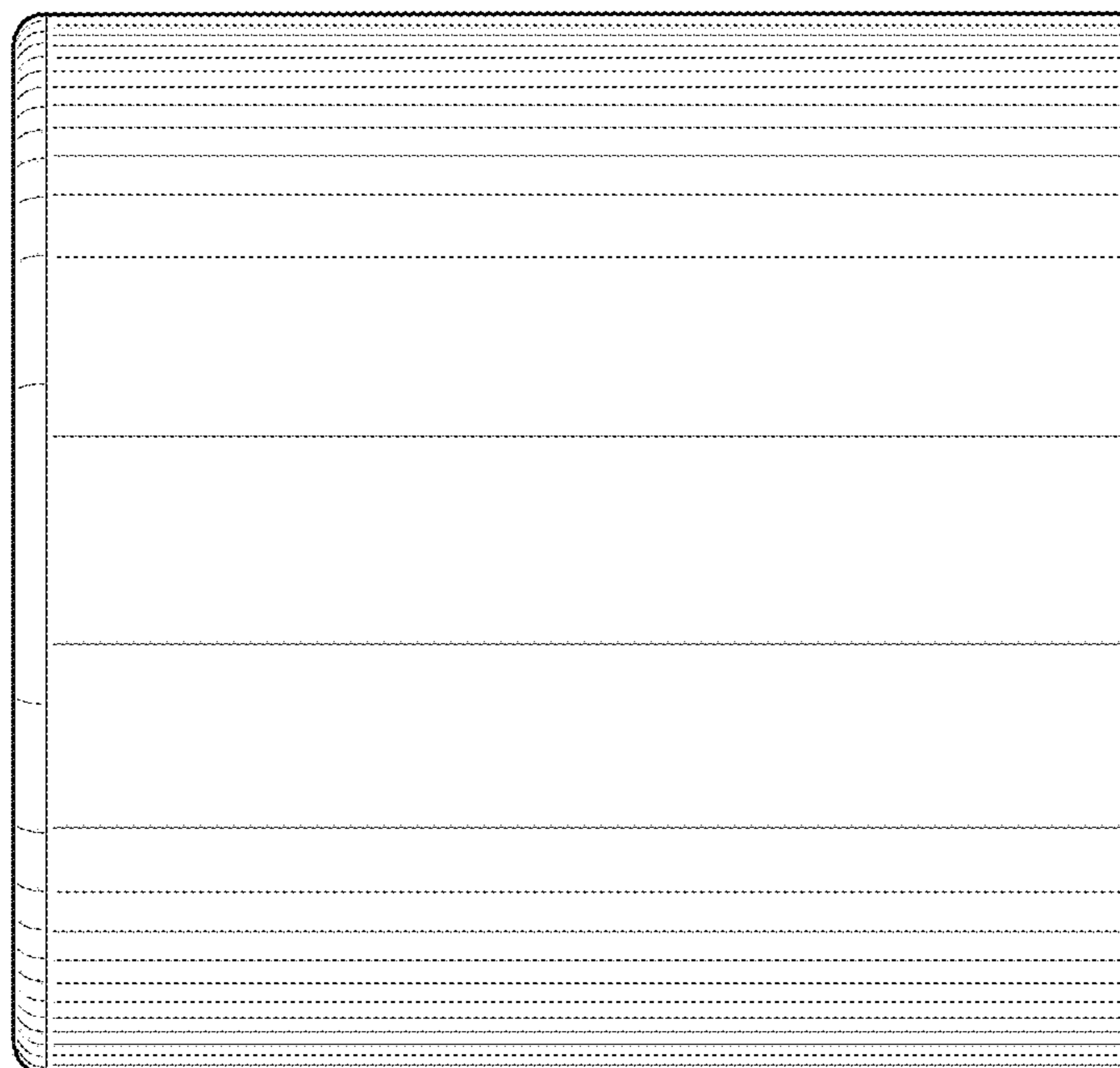


FIG. 4

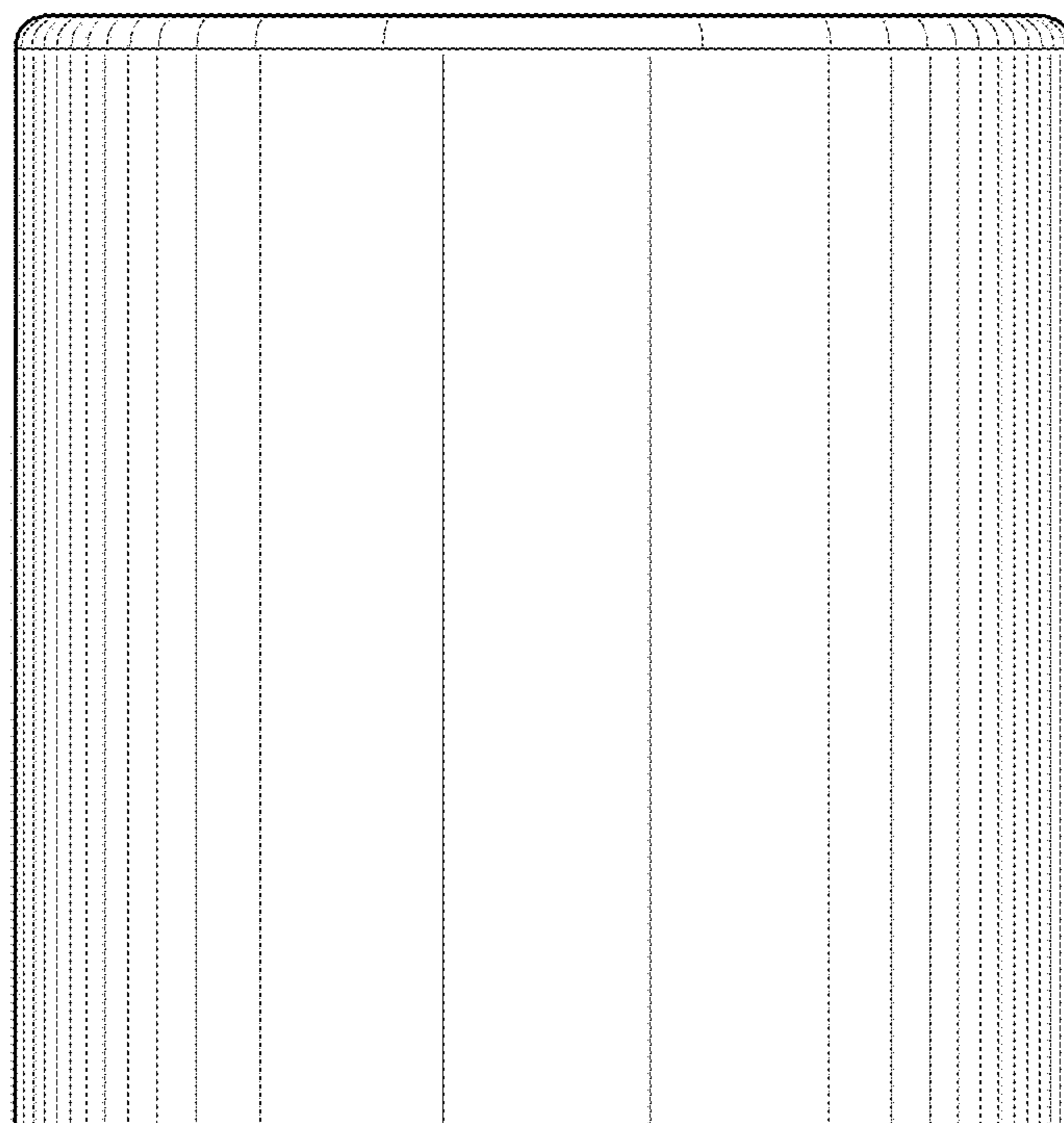


FIG. 5

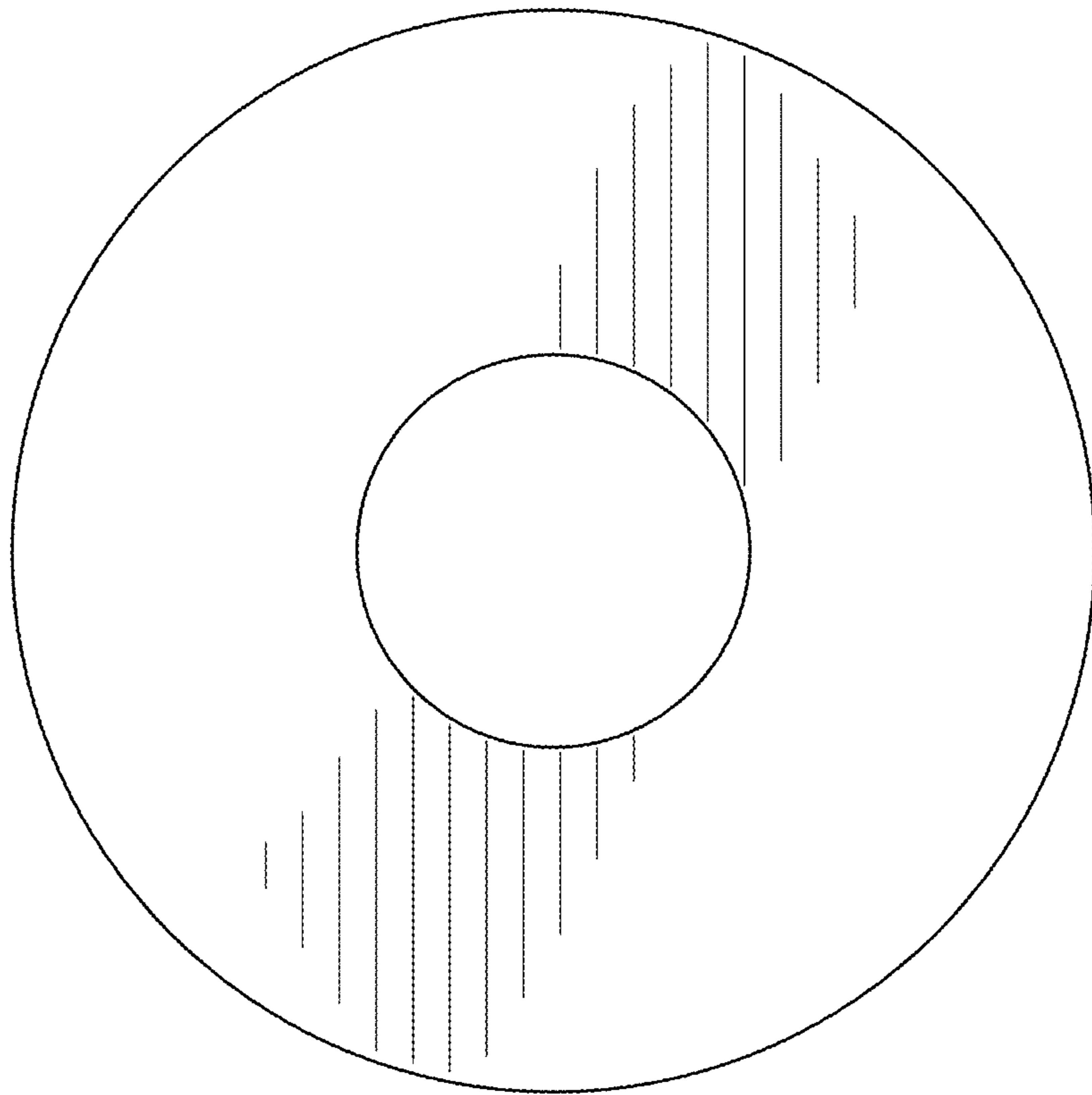


FIG. 6

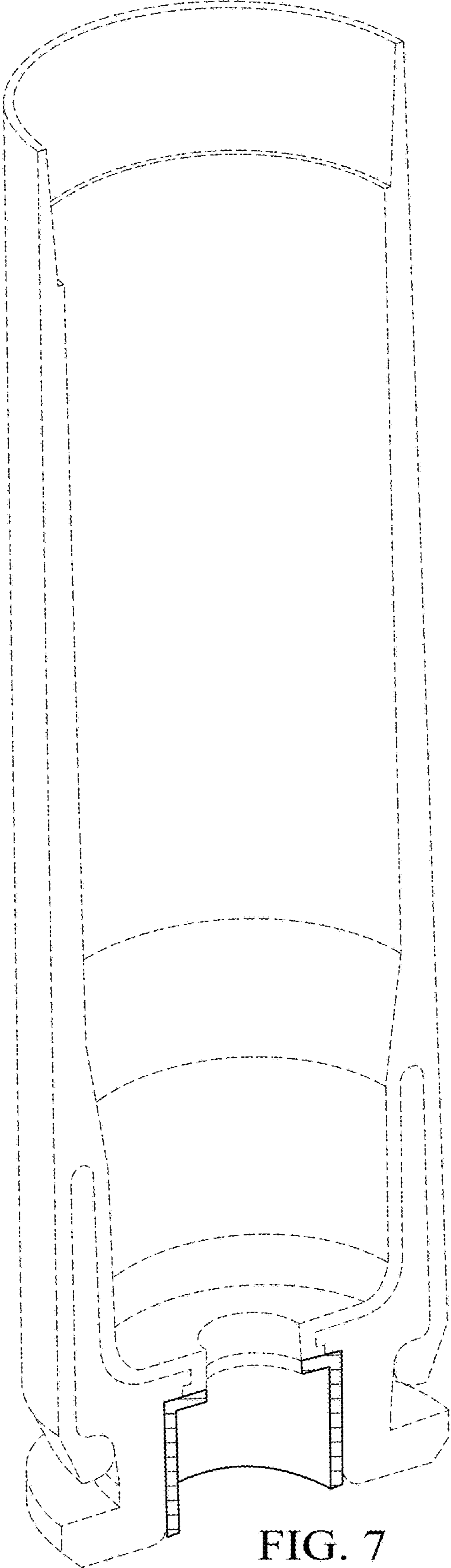


FIG. 7