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(12) **United States Design Patent**
Choi et al.

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(54) **VACUUM CLEANER**

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(**) Term: **14 Years**

(21) Appl. No.: **29/488,662**

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/18**

(58) **Field of Classification Search**
USPC D32/17, 18, 31, 21, 23-24; 15/344,
15/329, 347, 327.1, 327.2, 327.7,
15/352-353; 55/337, 429, 345, DIG. 3
See application file for complete search history.

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(57) **CLAIM**

We claim the ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a vacuum cleaner, showing our new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a side elevation view thereof;
FIG. 5 is a another side elevation view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is another perspective view of the vacuum cleaner, in configuration showing removability of a portion thereof.
The broken lines illustrating portions of the vacuum cleaner are for environmental purposes only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets

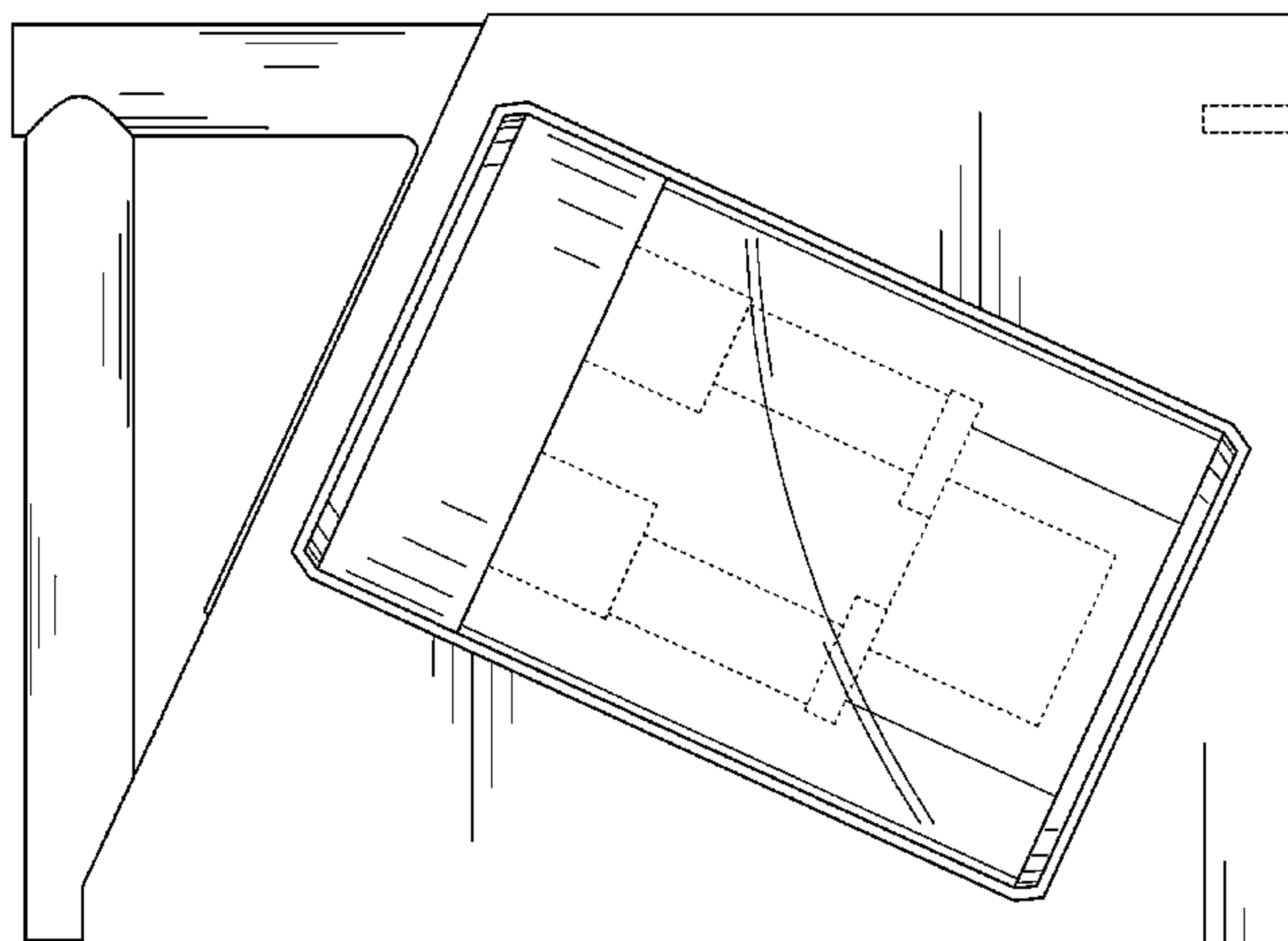
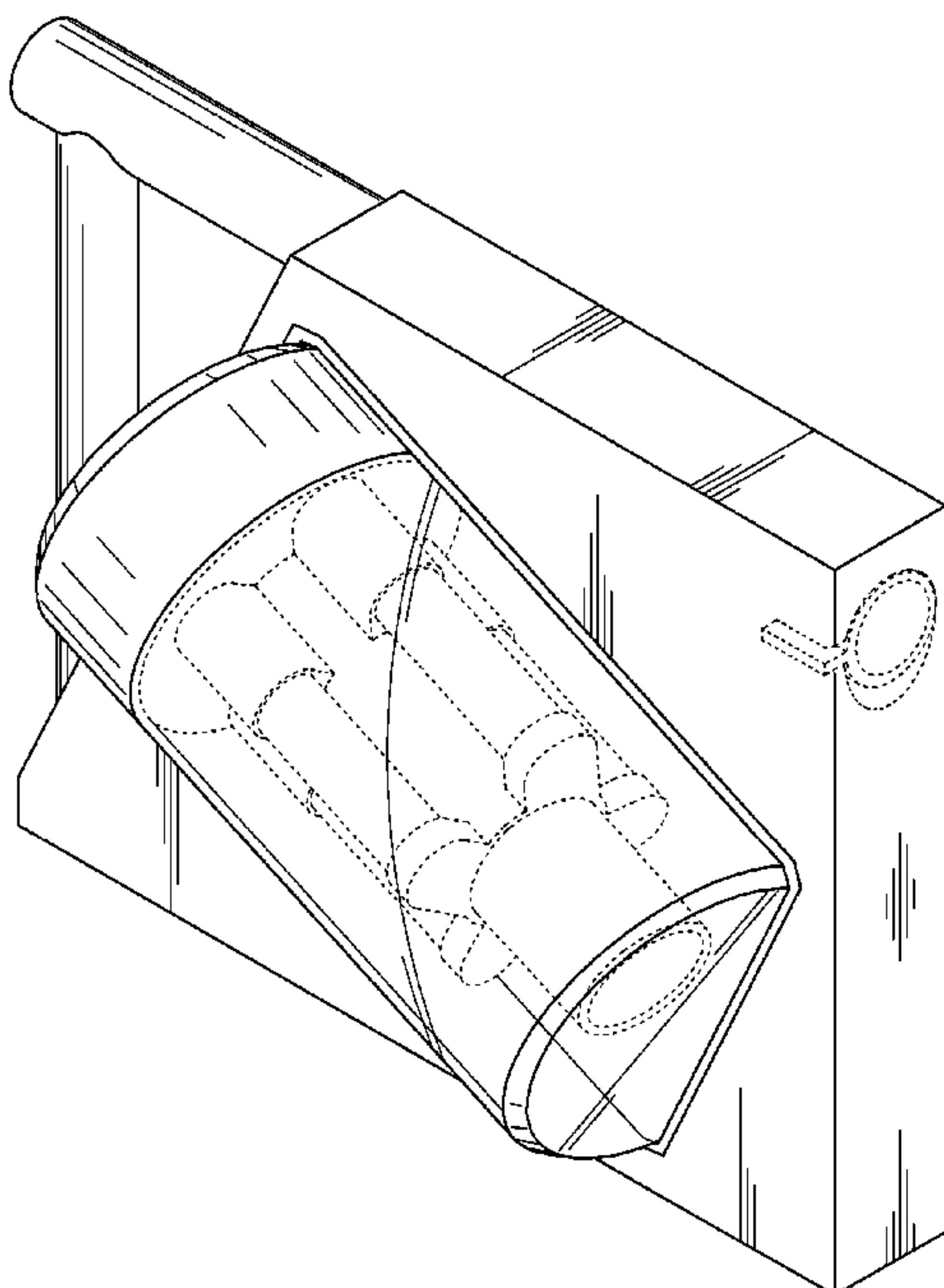


FIG.1

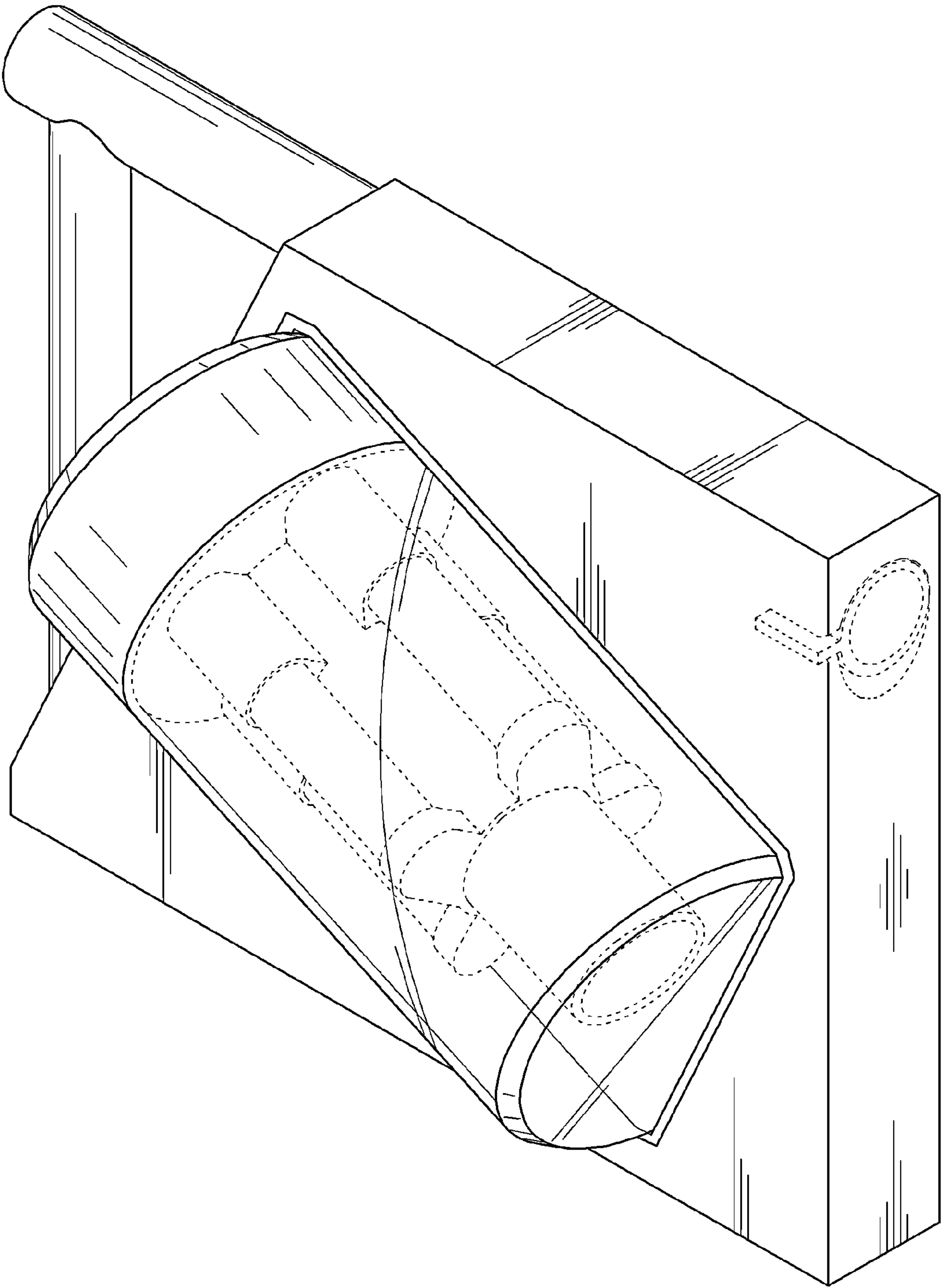


FIG.2

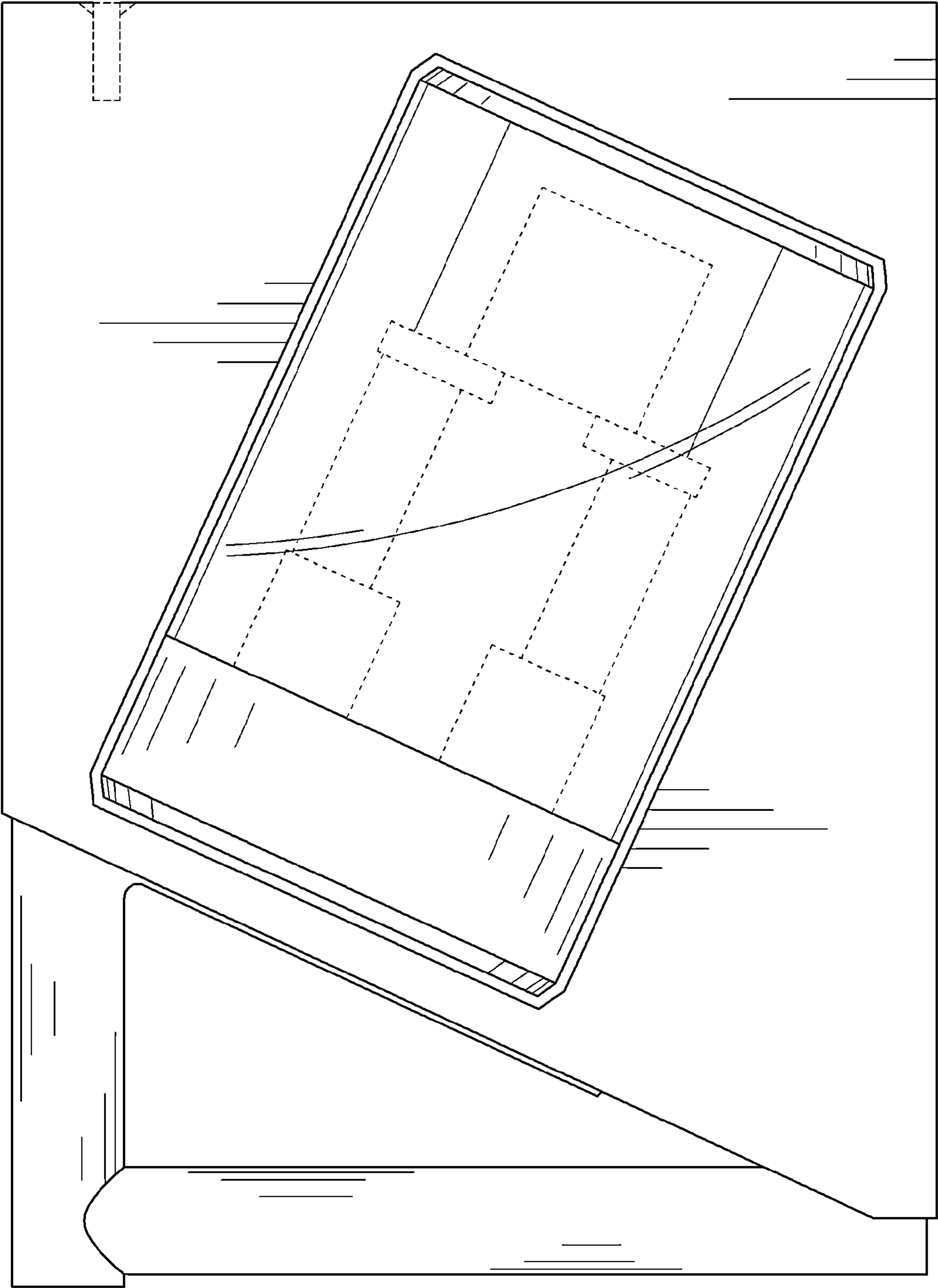


FIG. 3

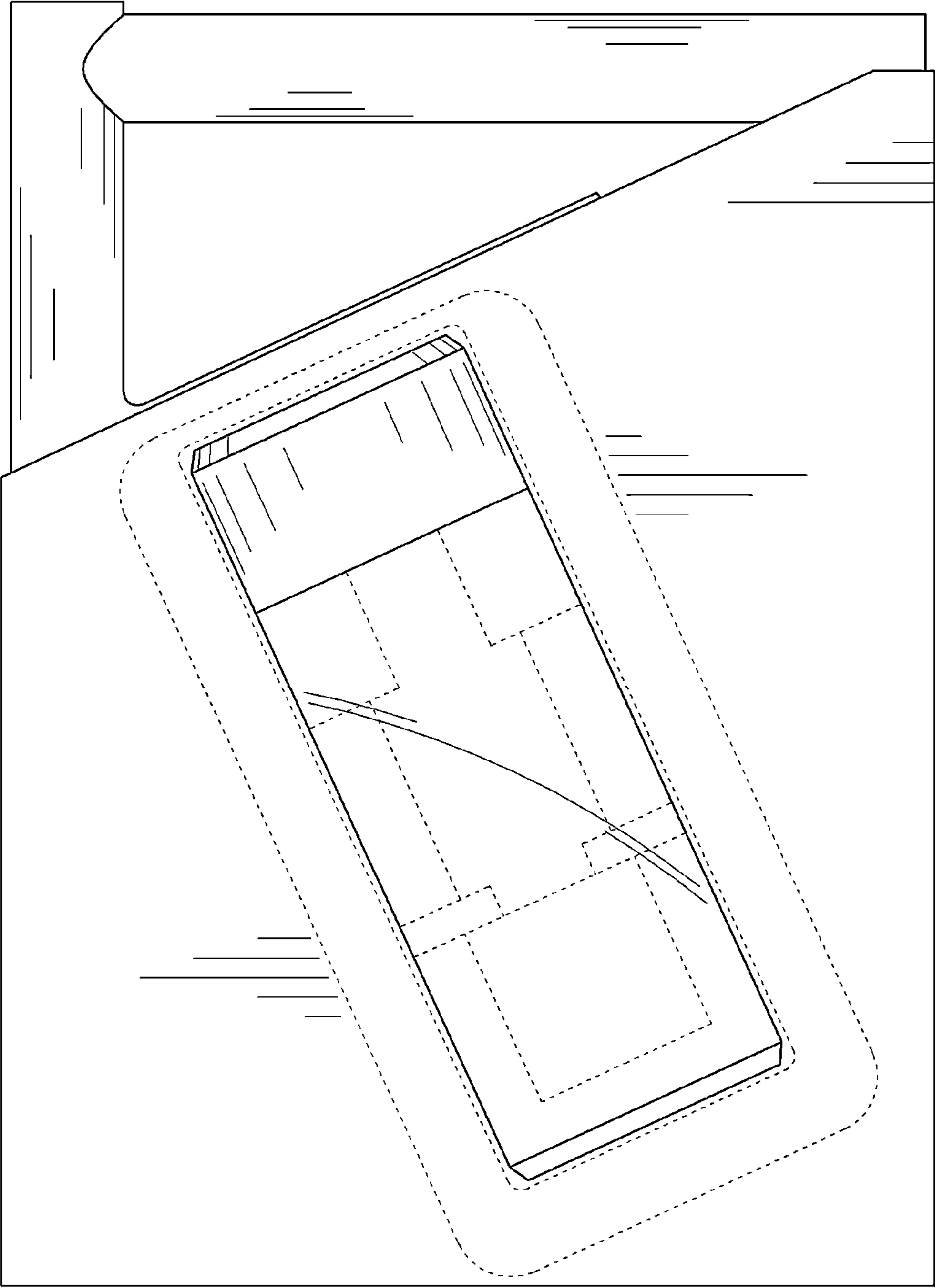


FIG. 4

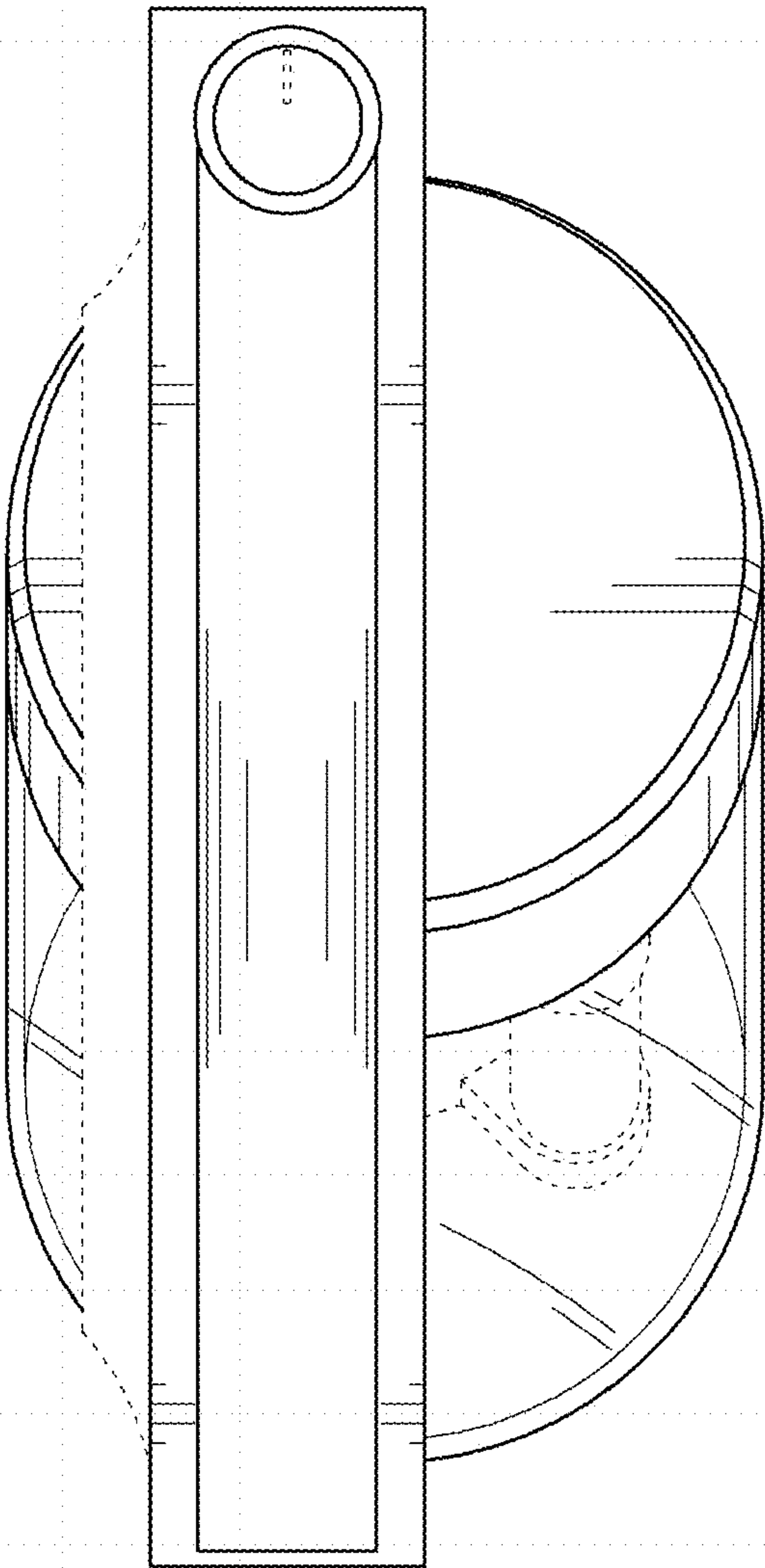


FIG.5

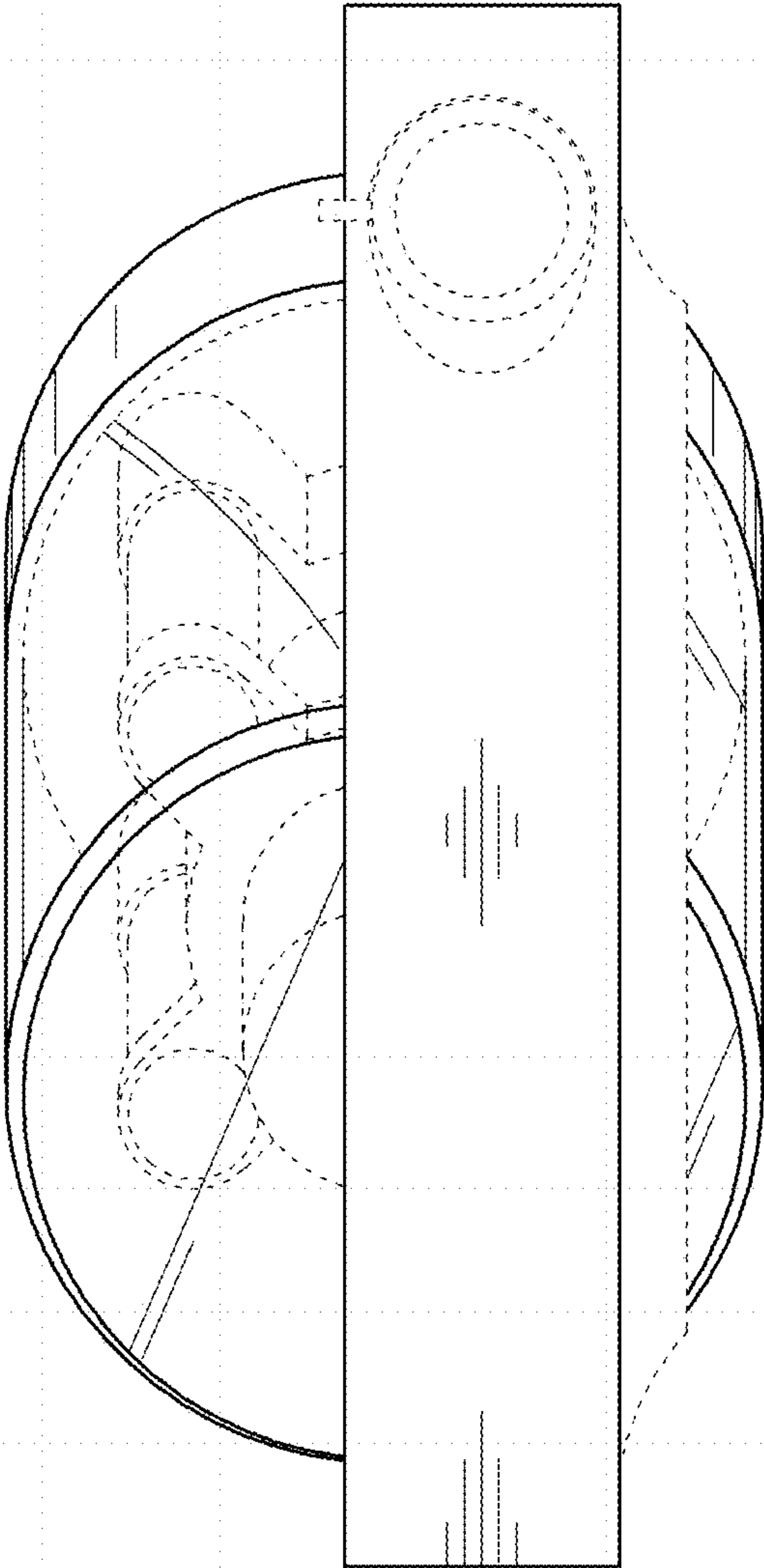


FIG. 6

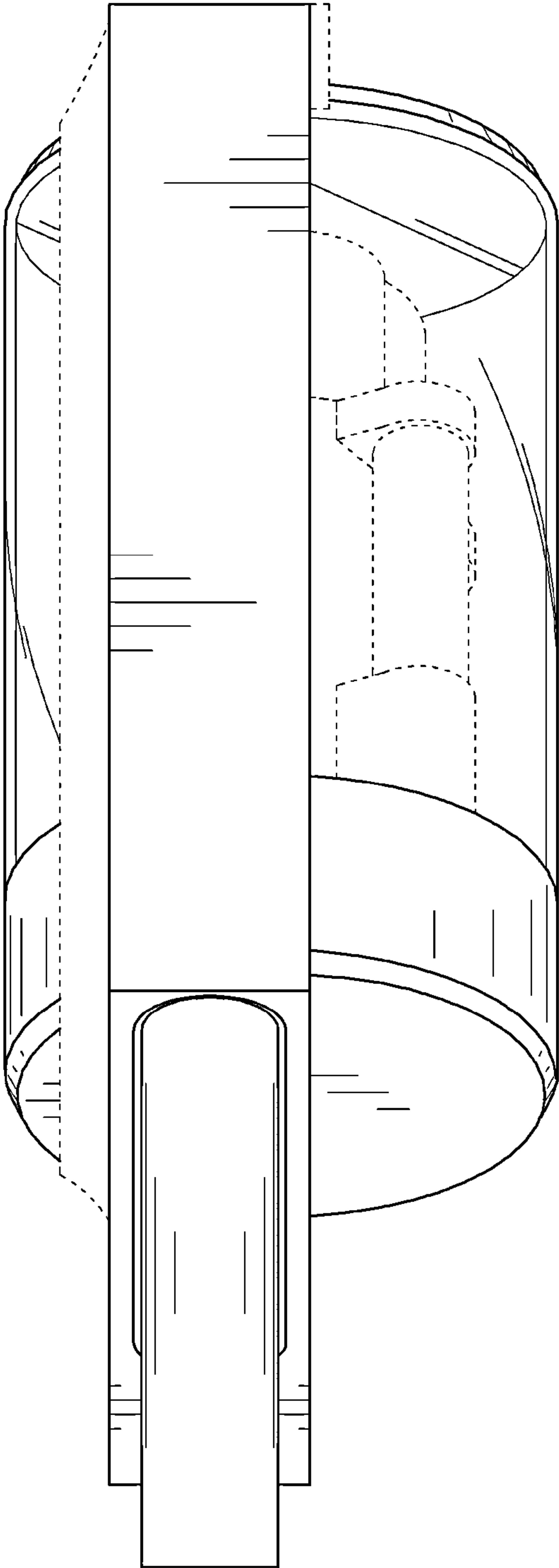


FIG. 7

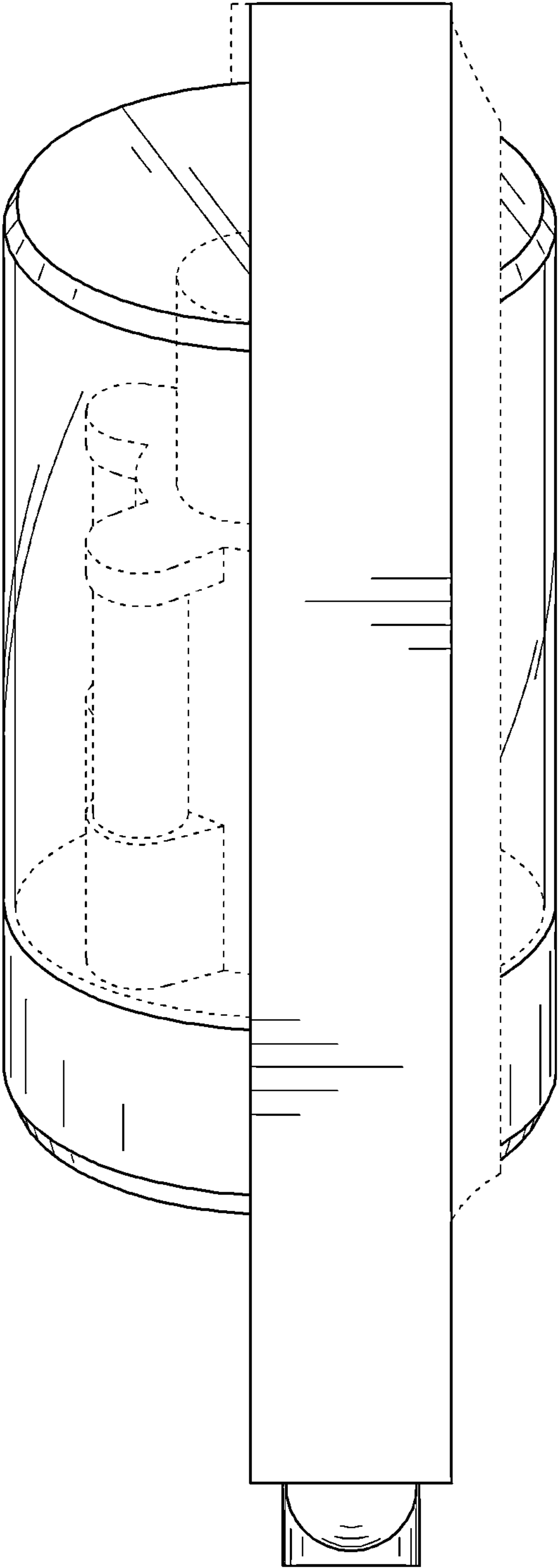


FIG.8

