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

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(54) **FAN WITH AIR PURIFICATION FUNCTION**

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

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(30) **Foreign Application Priority Data**

Sep. 17, 2019 (JP) 2019-020786

(51) **LOC (13) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/364**

(58) **Field of Classification Search**
USPC D23/355-366, 352, 369, 332, 333, 335, D23/336, 342, 351; 422/120, 122; 55/356, 473, 504; 96/97; 261/DIG. 17, 261/DIG. 65, DIG. 88, DIG. 31
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D 47/027; B01D 2221/02; B01D 2259/4508; B03C 3/155; B03C 3/368; F24F 3/16; F24F 13/20; F24F 13/28
See application file for complete search history.

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(57) **CLAIM**

We claim the ornamental design for a fan with air purification function, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a fan with air purification function showing the new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a left-side elevation view thereof;
FIG. 5 is a right-side elevation view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a partial enlarged view taken along the line 8-8 of FIG. 1; and,
FIG. 9 is a cross-sectional view taken along the line 9-9 of FIG. 2.

The parts shown by means of broken lines in the drawing figures are not part of the claimed design.

1 Claim, 9 Drawing Sheets

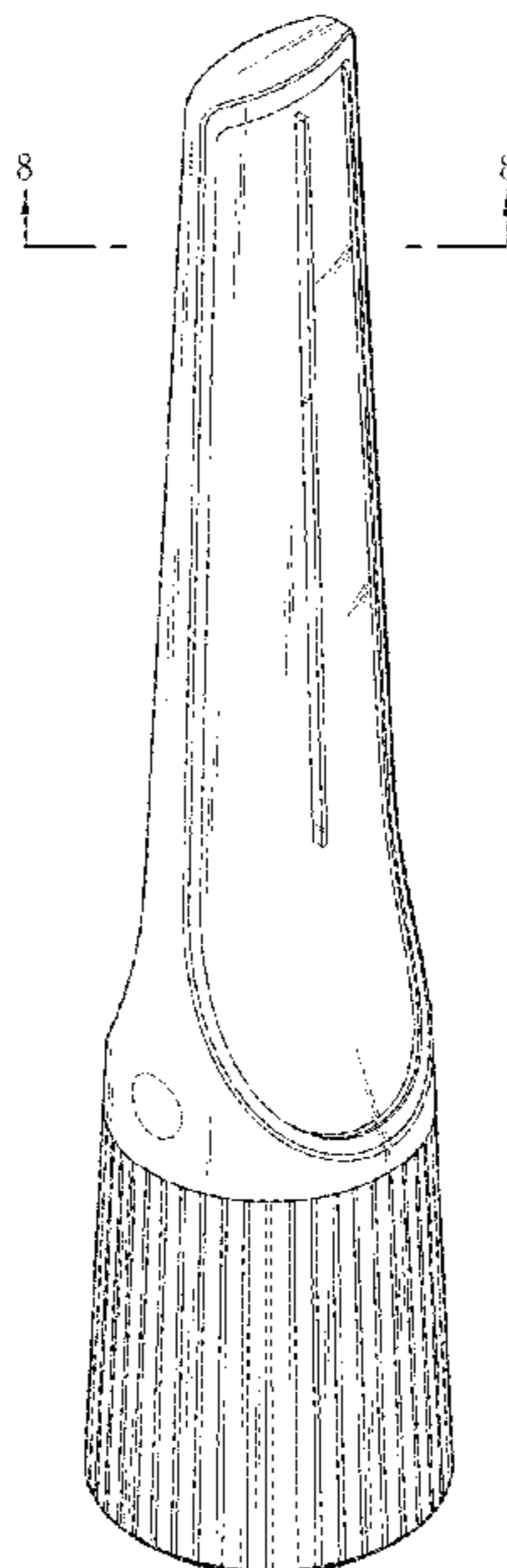


FIG. 1

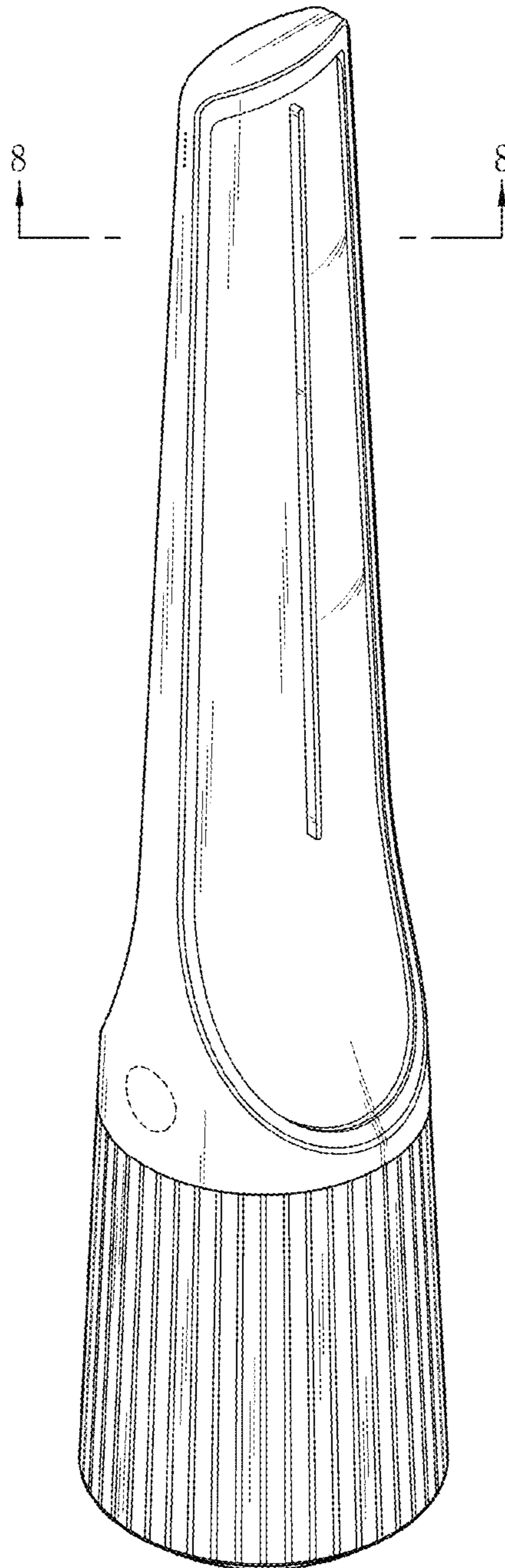


FIG. 2

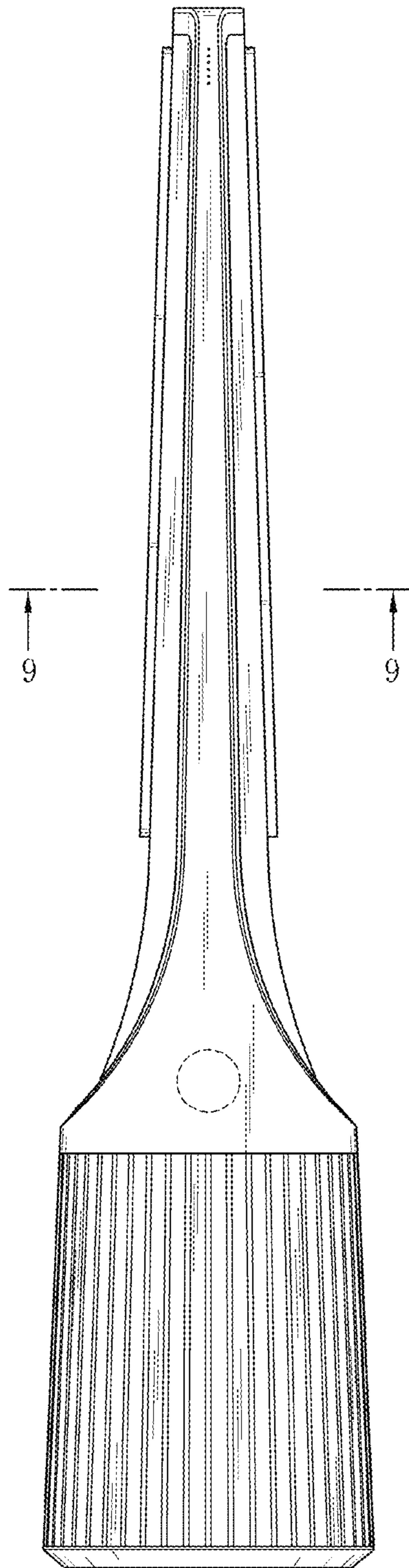


FIG. 3

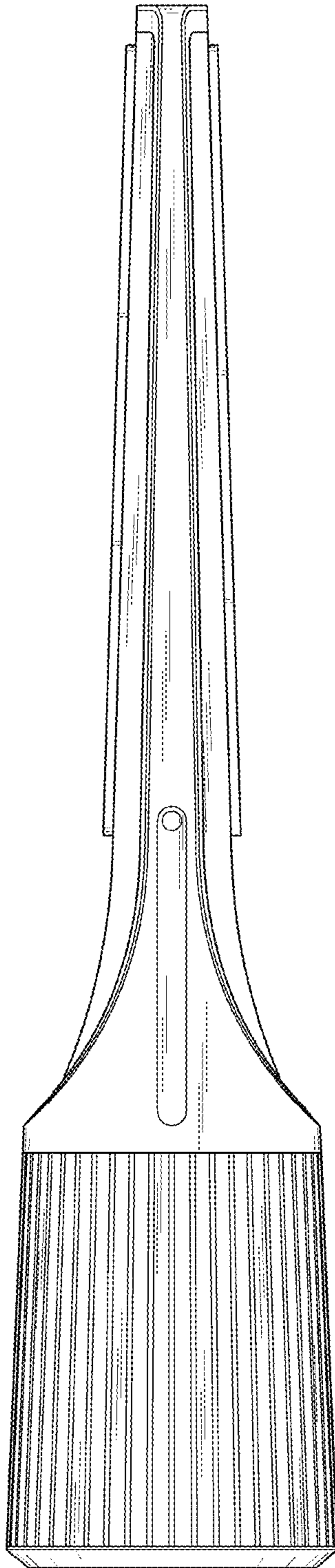


FIG. 4

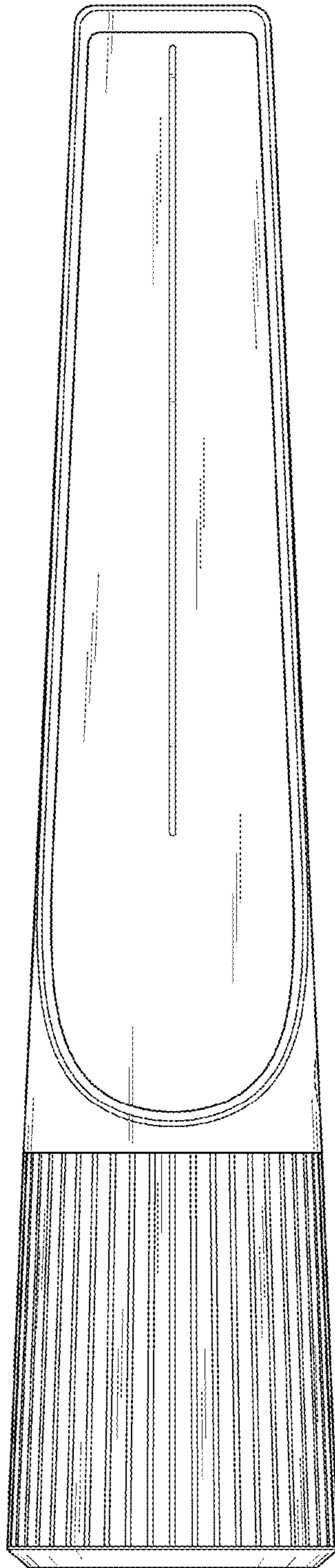


FIG. 5

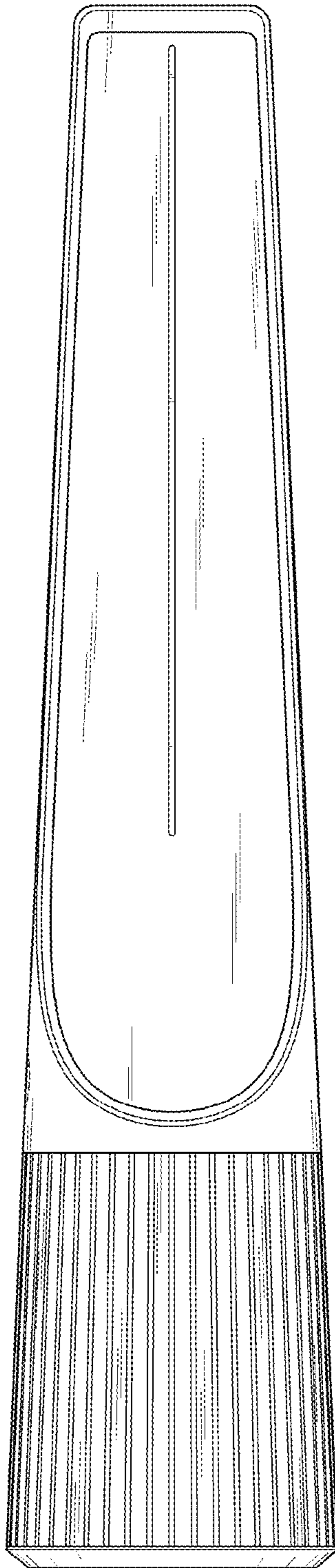


FIG. 6

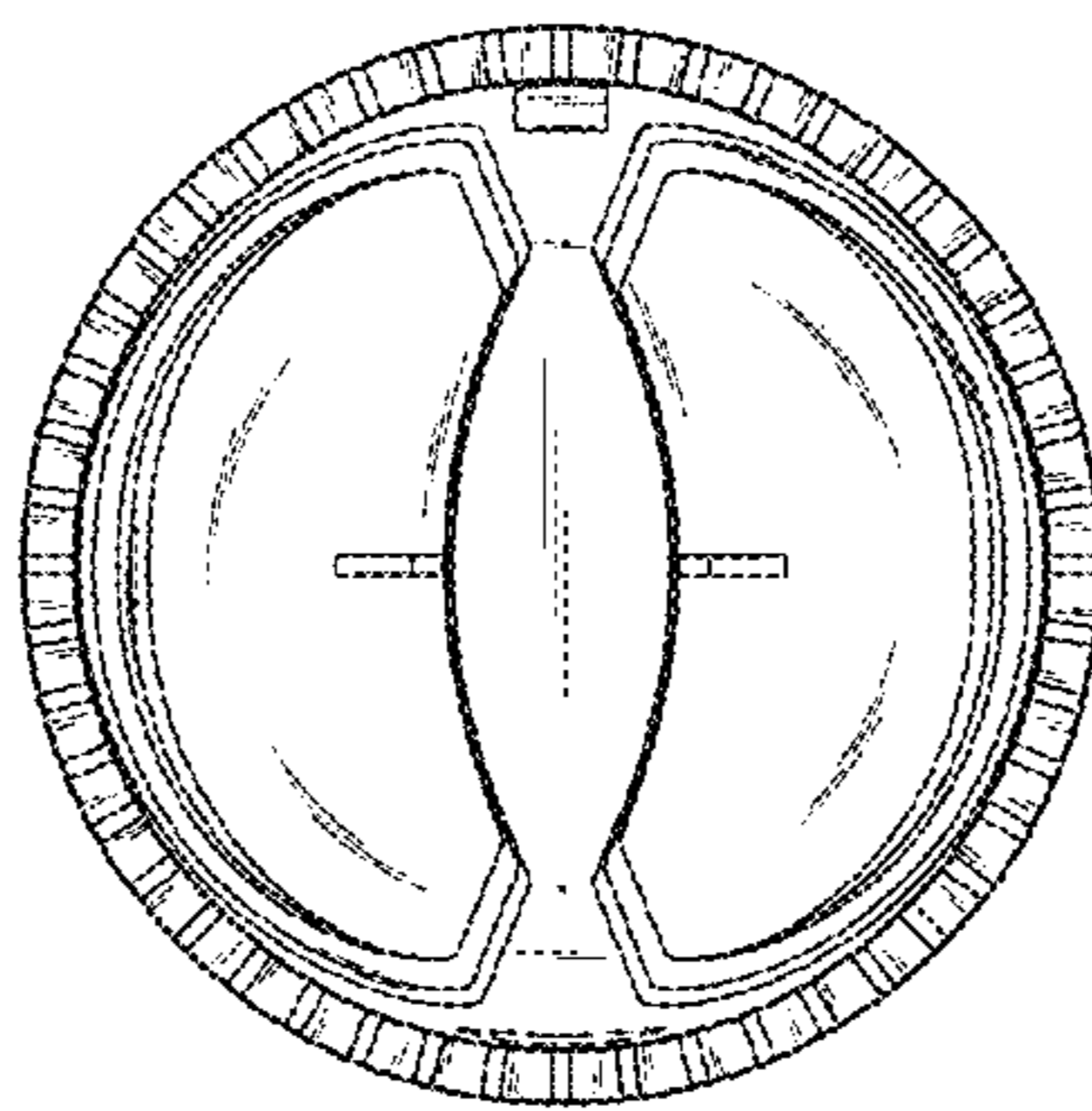


FIG. 7

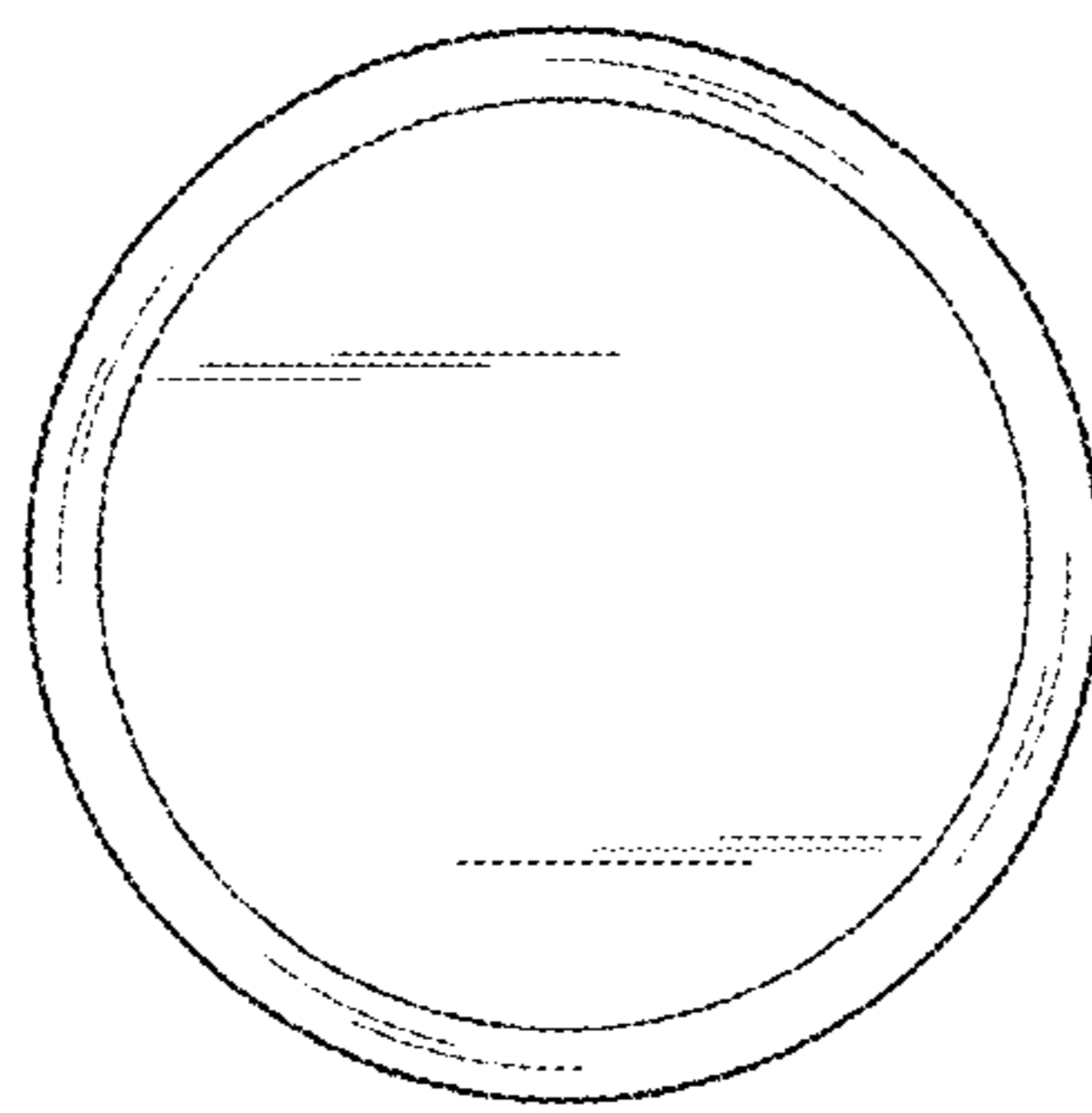


FIG. 8

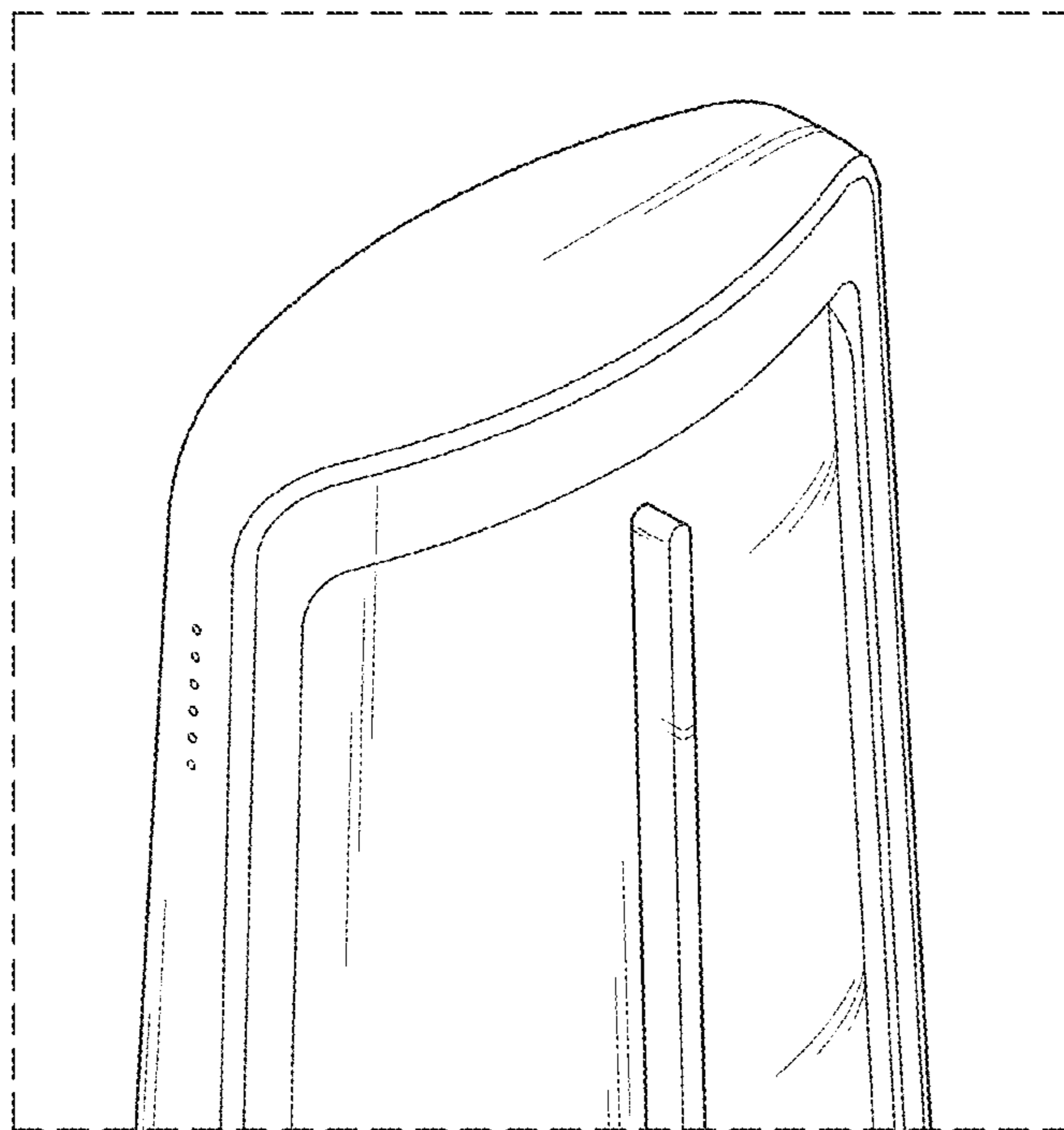


FIG. 9

