

US00D978312S

(12) **United States Design Patent** (10) **Patent No.:** **US D978,312 S**
Xu et al. (45) **Date of Patent:** **** Feb. 14, 2023**

(54) **STERILIZABLE AIR PURIFIER**
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(**) Term: **15 Years**

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(51) **LOC (14) 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; D7/316–318
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.

(57) **CLAIM**

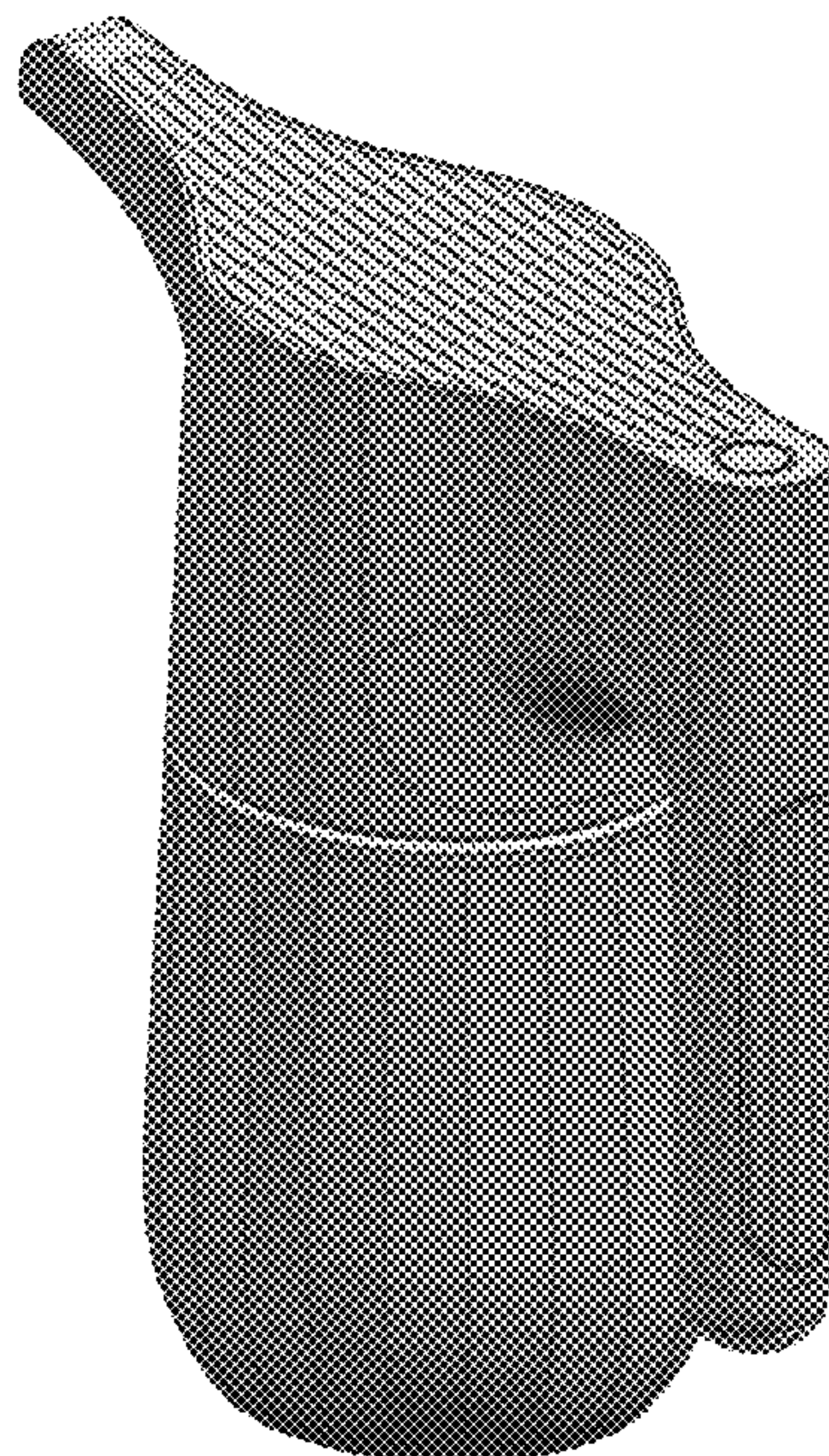
The ornamental design for a sterilizable air purifier, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of the first embodiment of a sterilizable air purifier showing our new design; FIG. 2 is a right side view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a top and right perspective view thereof; and, FIG. 7 is a bottom and left perspective view thereof. A rear elevational view of the first embodiment of the sterilizable air purifier is omitted since the rear elevational view thereof is a mirror image of the front elevational view thereof.

(56) **References Cited**
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1 Claim, 7 Drawing Sheets



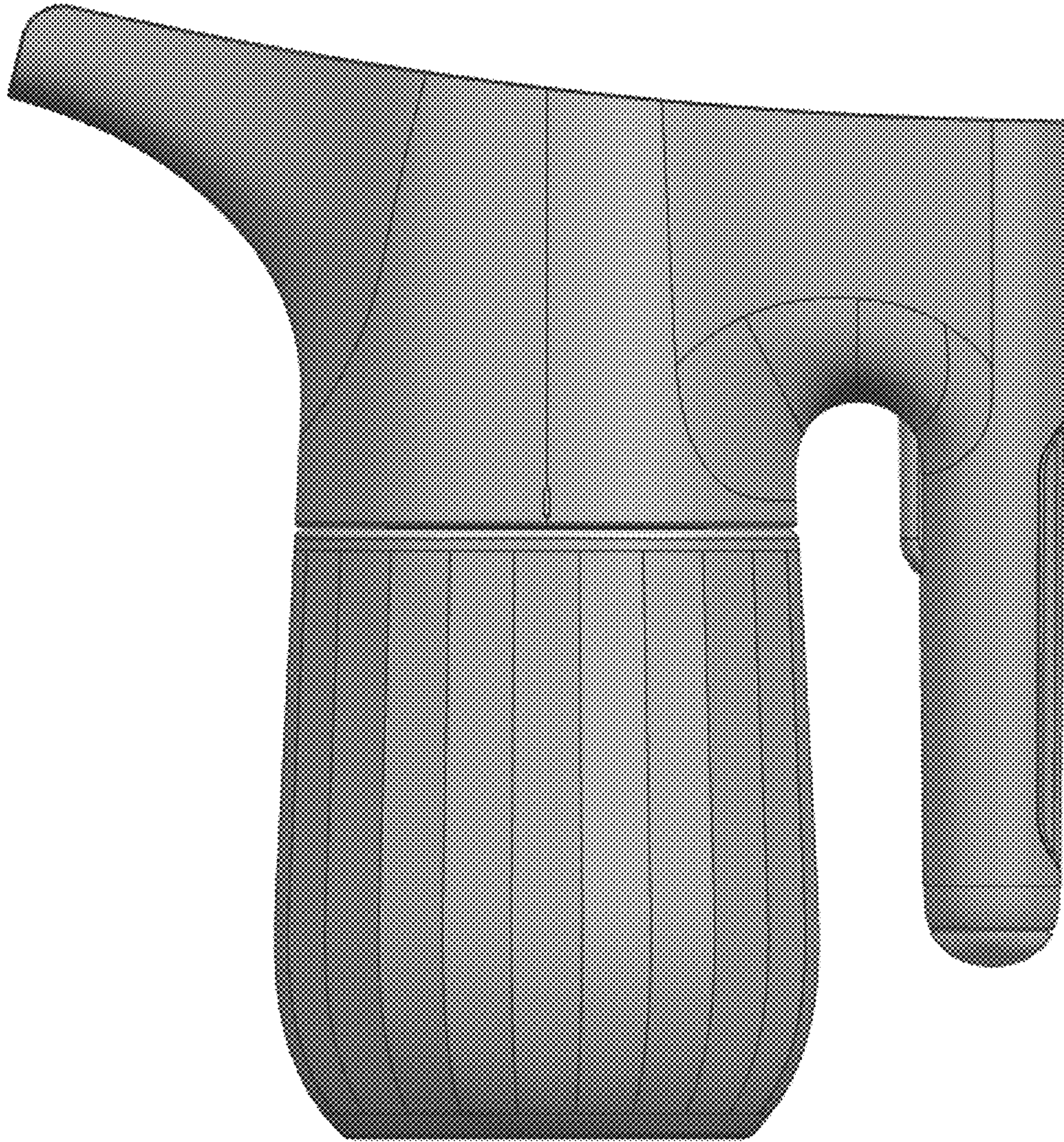


FIG. 1

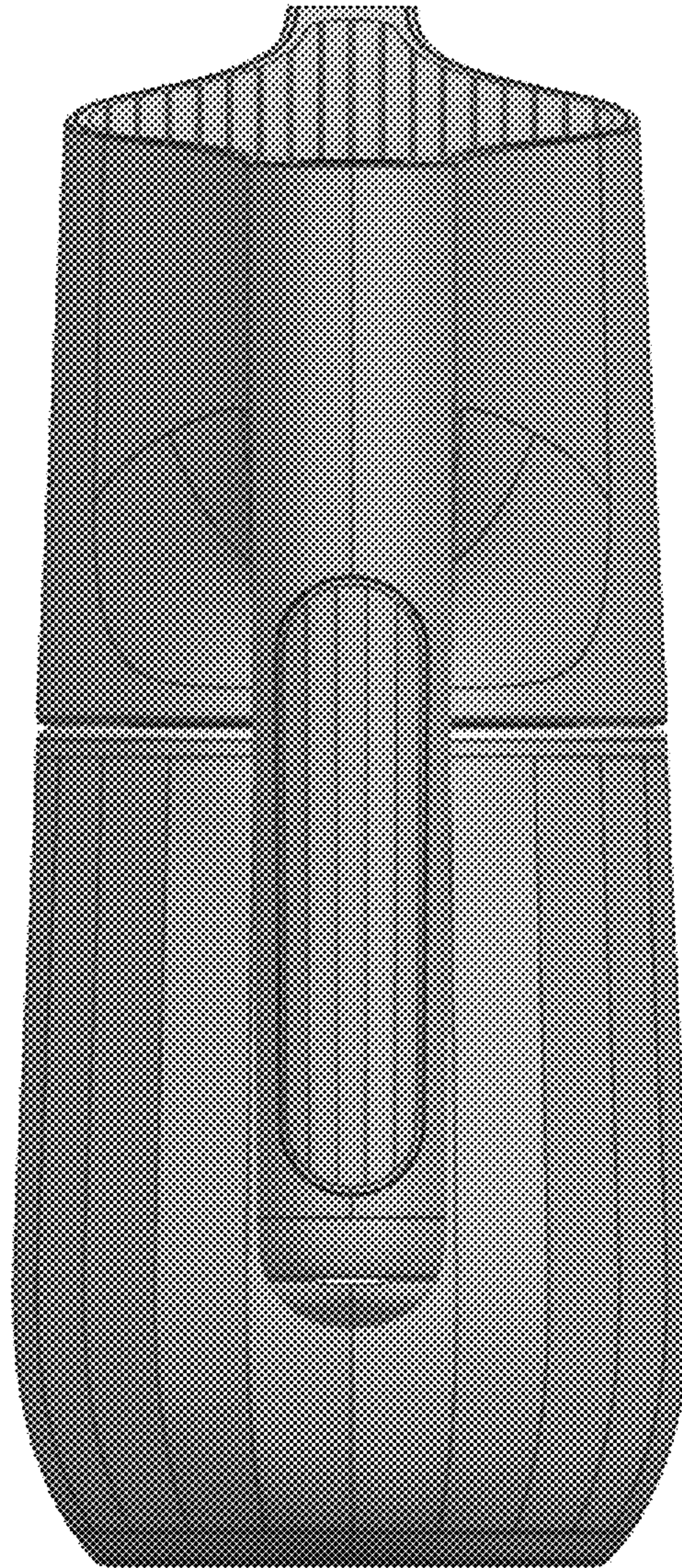


FIG. 2

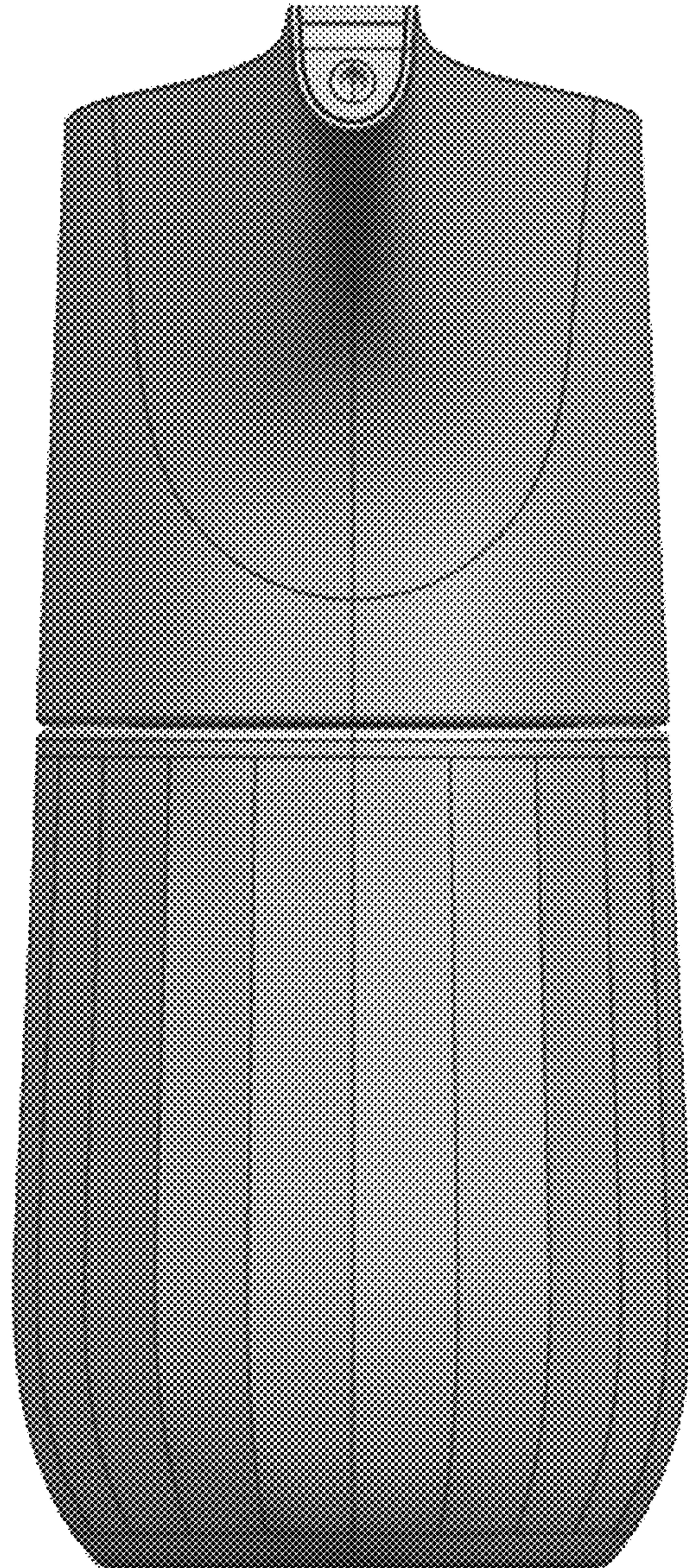


FIG. 3

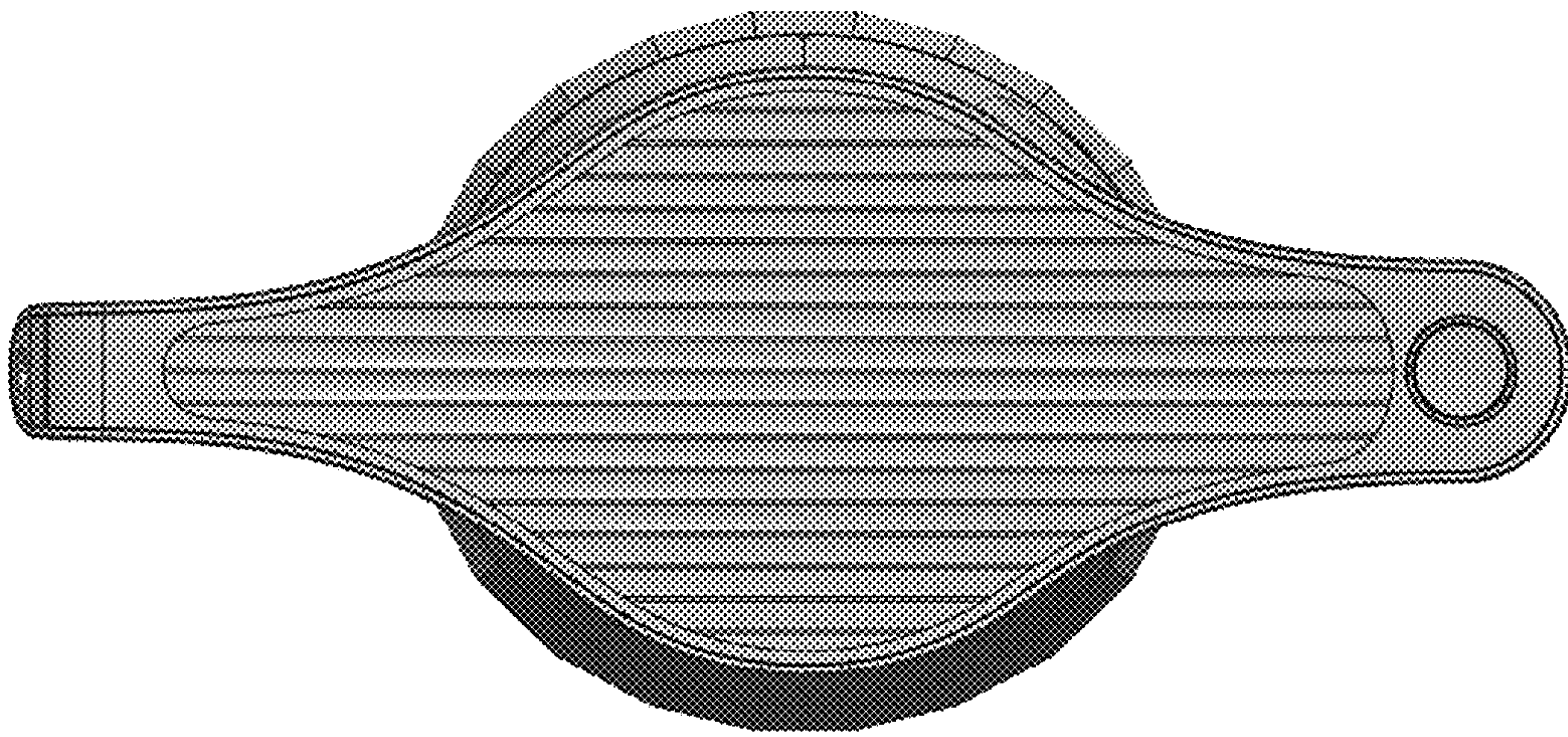


FIG. 4

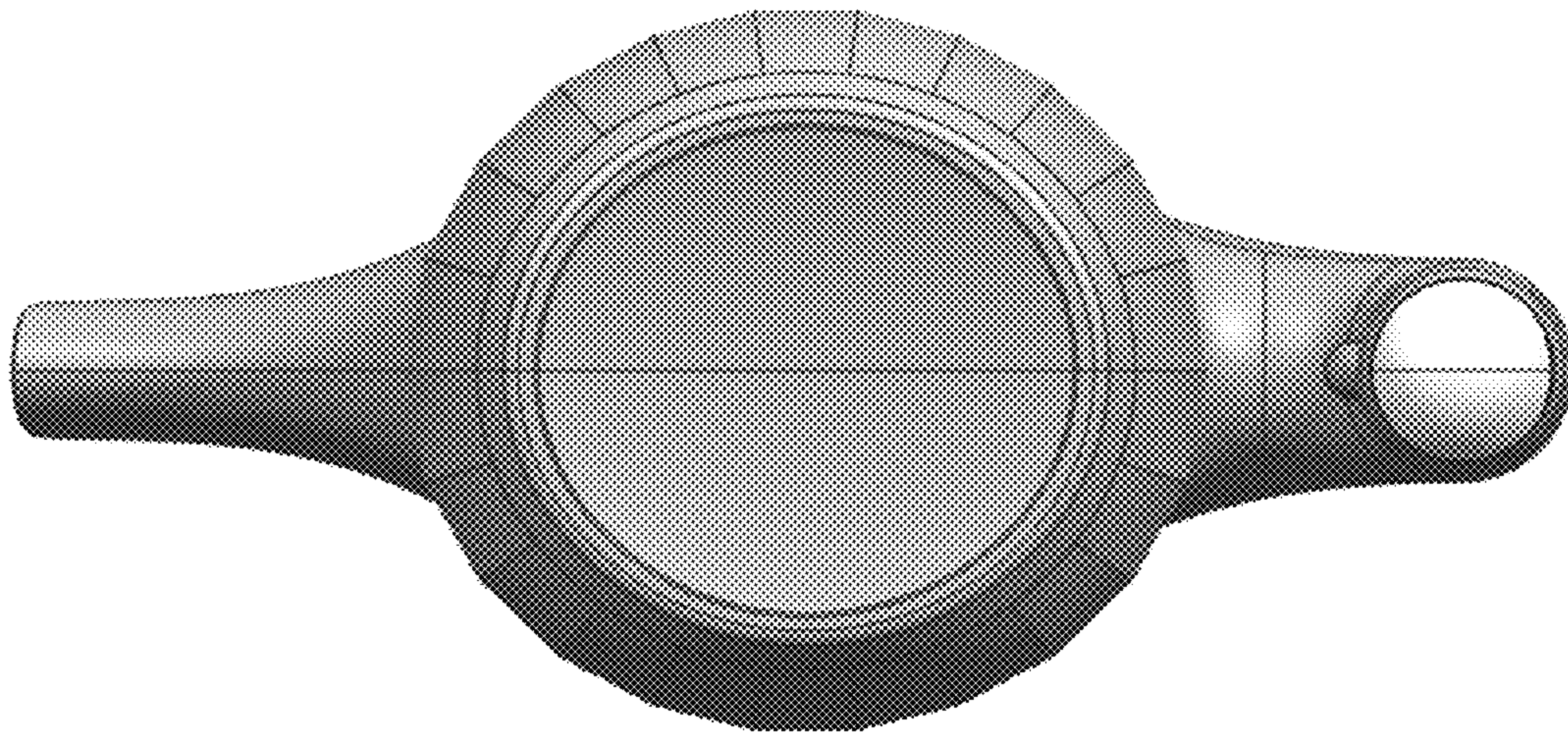


FIG. 5

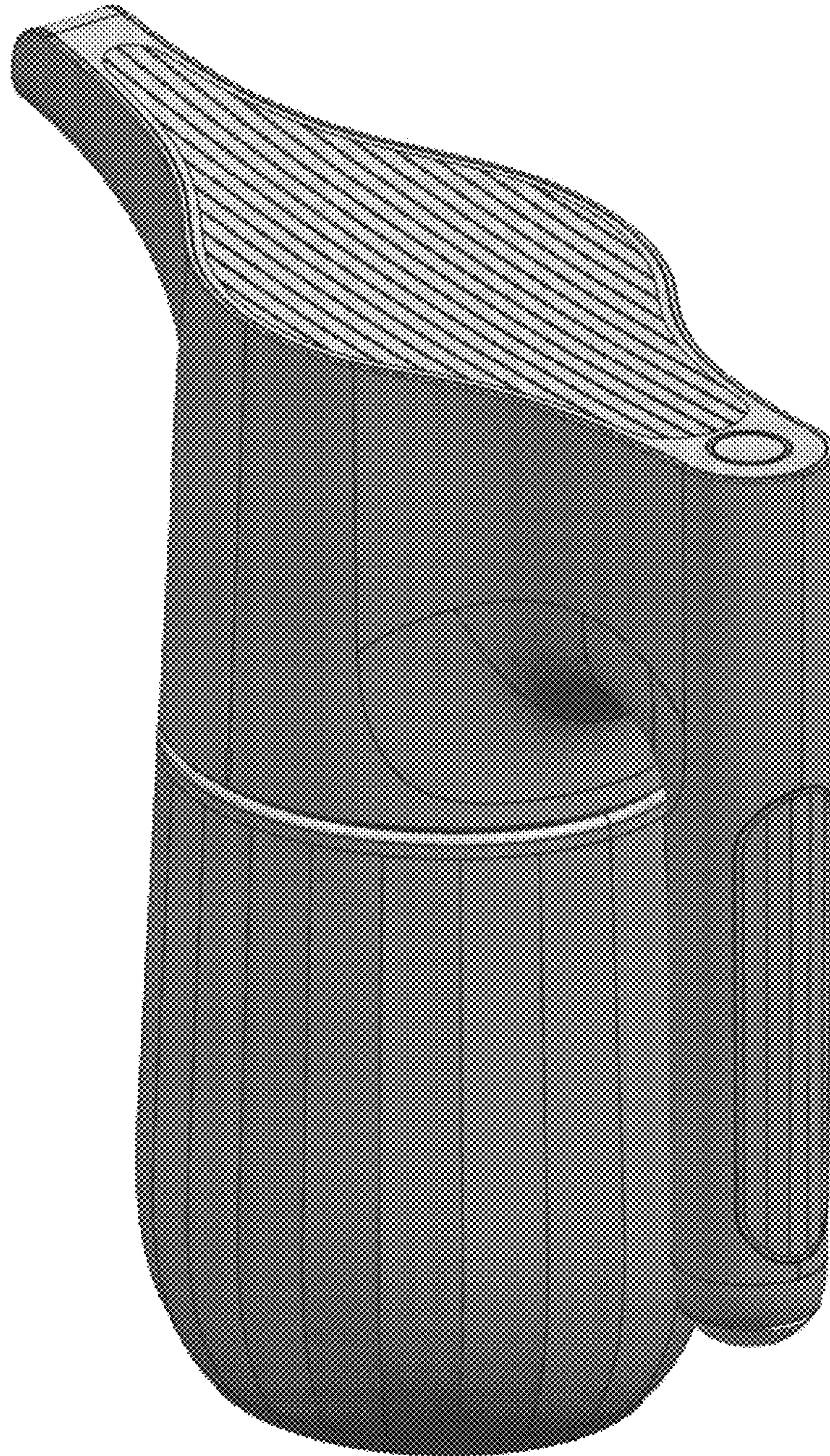


FIG. 6

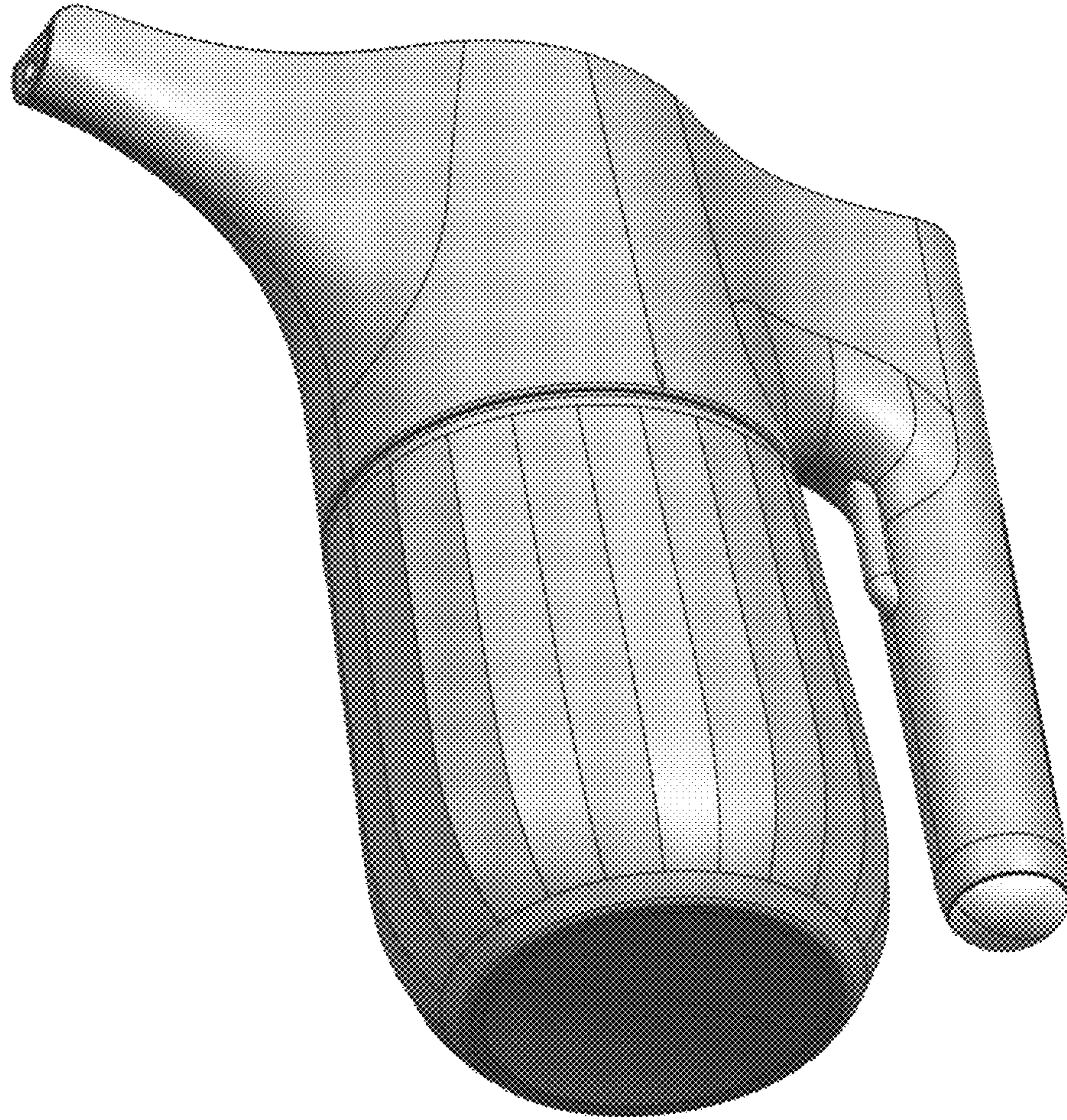


FIG. 7