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

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(45) **Date of Patent:** **** Jan. 3, 2023**

(54) **ELEVATOR FOR PROMOTING
EXTRACTION OF BLOOD SAMPLE FROM
DRIED BLOOD SAMPLE PAPER**

D930,848 S * 9/2021 Ringold D24/216
D940,893 S * 1/2022 Wisherd D24/224
2009/0188999 A1* 7/2009 Lazarev B01L 3/502
241/62
2014/0205514 A1* 7/2014 Hwang B01L 3/508
422/533
2018/0250669 A1* 9/2018 Adamski B01L 3/5021

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

(21) Appl. No.: **29/767,152**

(22) Filed: **Jan. 20, 2021**

(51) **LOC (14) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/216; D24/224**

(58) **Field of Classification Search**
USPC D24/107, 186, 216, 232, 233, 234, 121,
D24/122, 223, 224, 225, 227, 231, 119,
D24/133; D10/81
CPC B01L 3/50273; B01L 3/502715; B01L
3/502761; B01L 2200/0652; B01L
2300/088; B01L 2400/0409; B01L
2400/0436; B01L 2400/0481; B01L
2400/0633

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D832,455 S * 10/2018 Cullimore D24/224
D833,030 S * 11/2018 Sasano D24/224

FOREIGN PATENT DOCUMENTS

KR 3020120062905 * 4/2014

* cited by examiner

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(57) **CLAIM**

The ornamental design for an elevator for promoting extrac-
tion of blood sample from dried blood sample paper, as
shown and described.

DESCRIPTION

FIG. 1 is a front elevation of an elevator for promoting
extraction of blood sample from dried blood sample paper,
the opposing side view being identical in appearance.

FIG. 2 is a bottom view thereof.

FIG. 3 is a top view thereof.

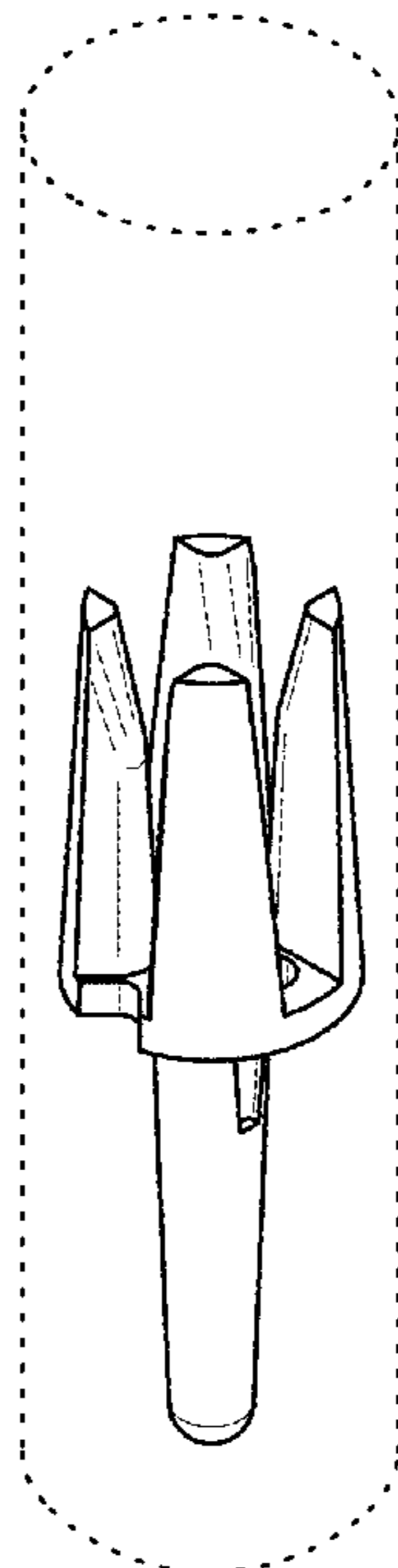
FIG. 4 is a left side view thereof, the right side view being
identical in appearance.

FIG. 5 is a bottom perspective view thereof; and,

FIG. 6 is a top perspective view thereof.

The broken lines in FIG. 6 showing a test tube depict
environmental subject matter that forms no part of the
claimed design.

1 Claim, 6 Drawing Sheets



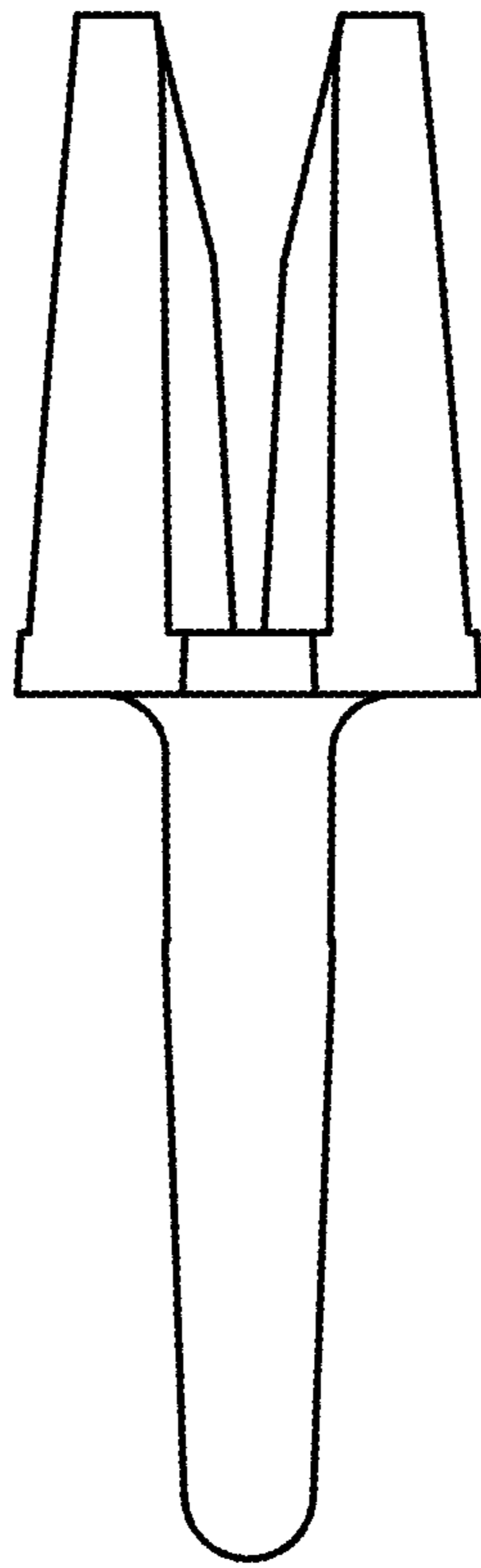


Fig. 1

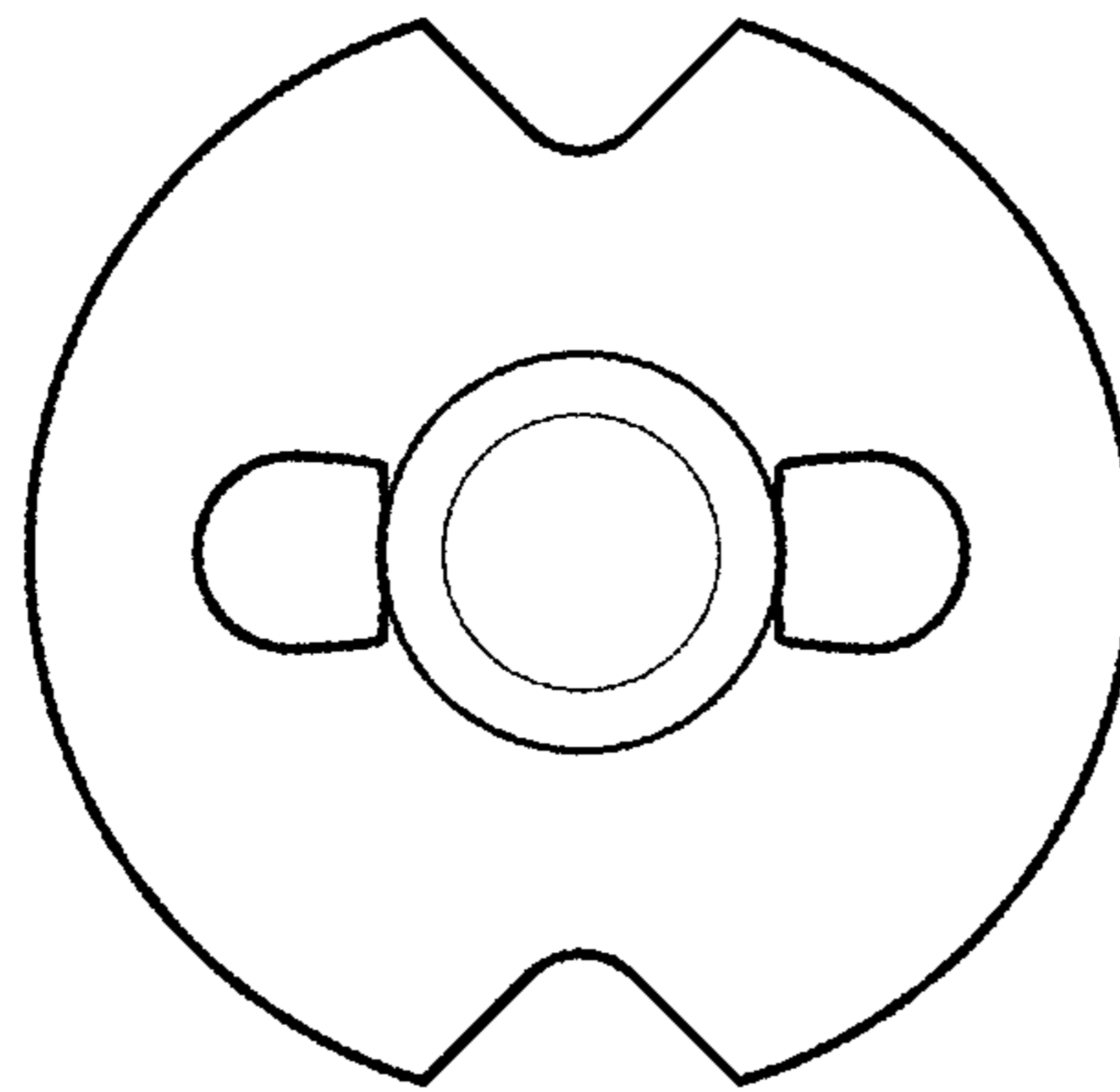


Fig. 2

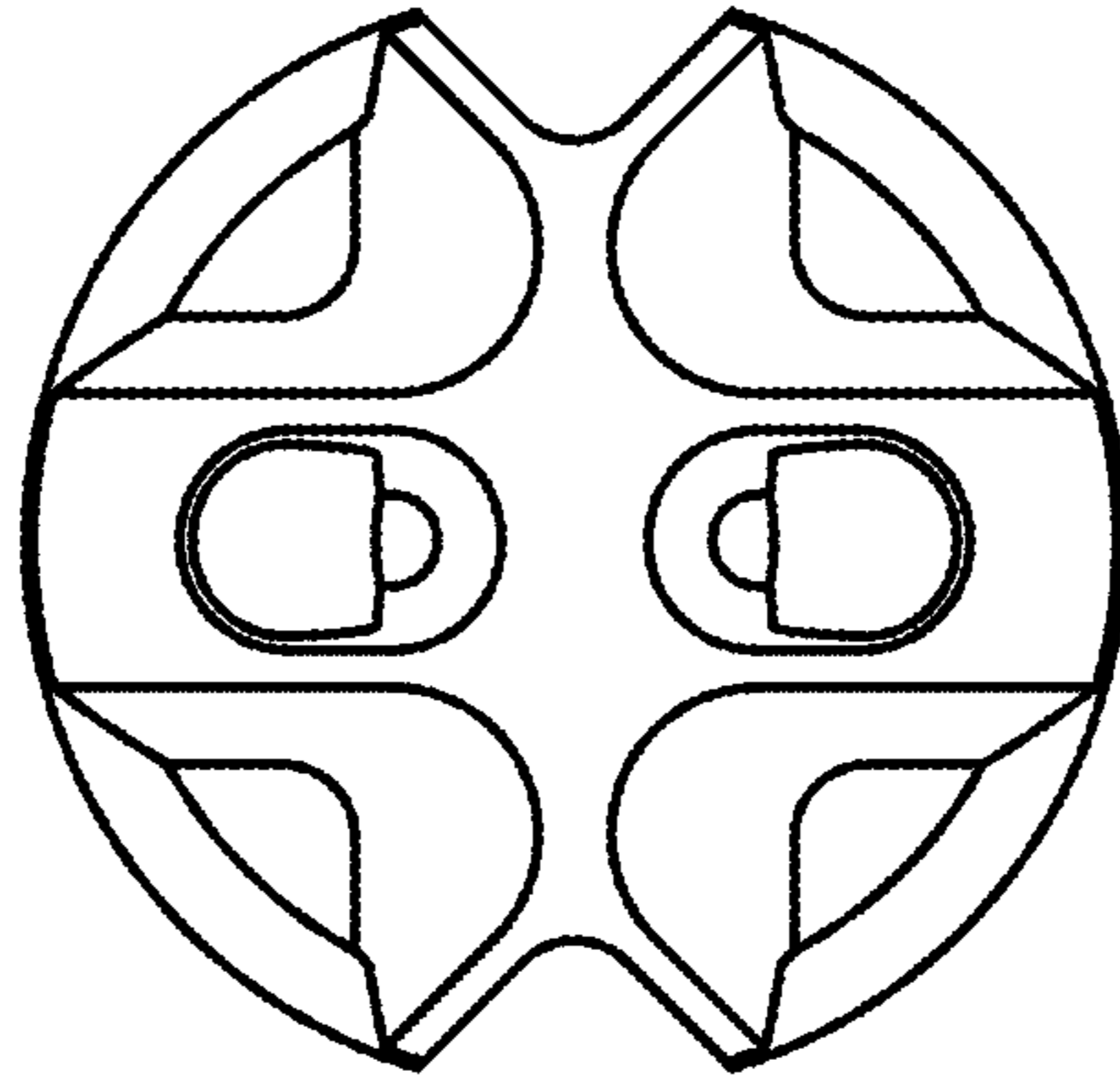


Fig. 3

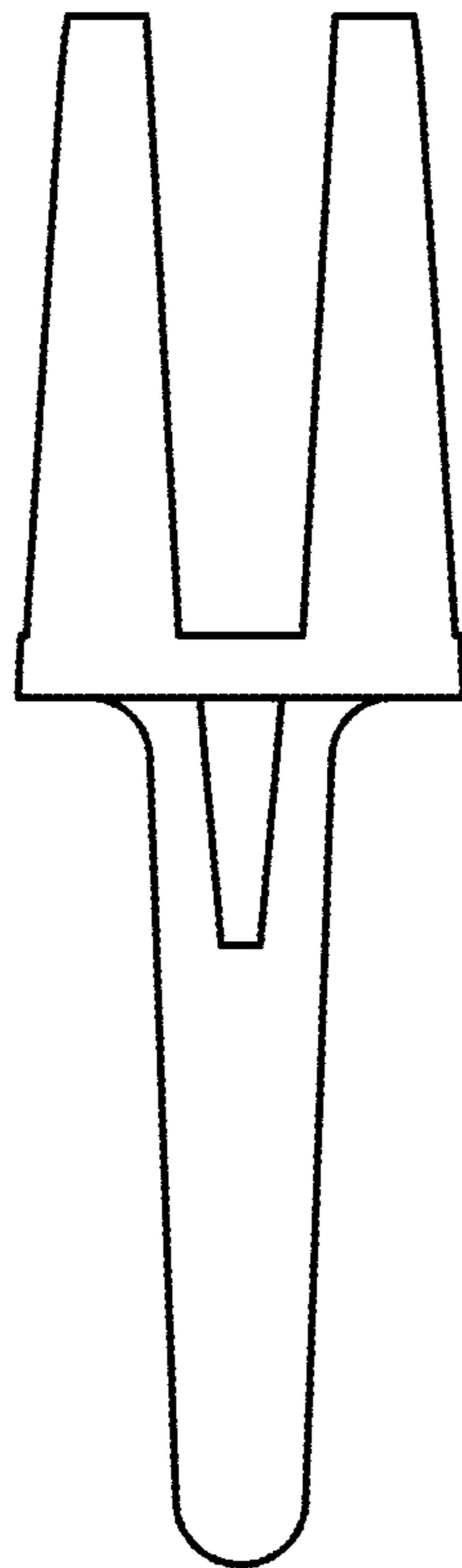


Fig. 4

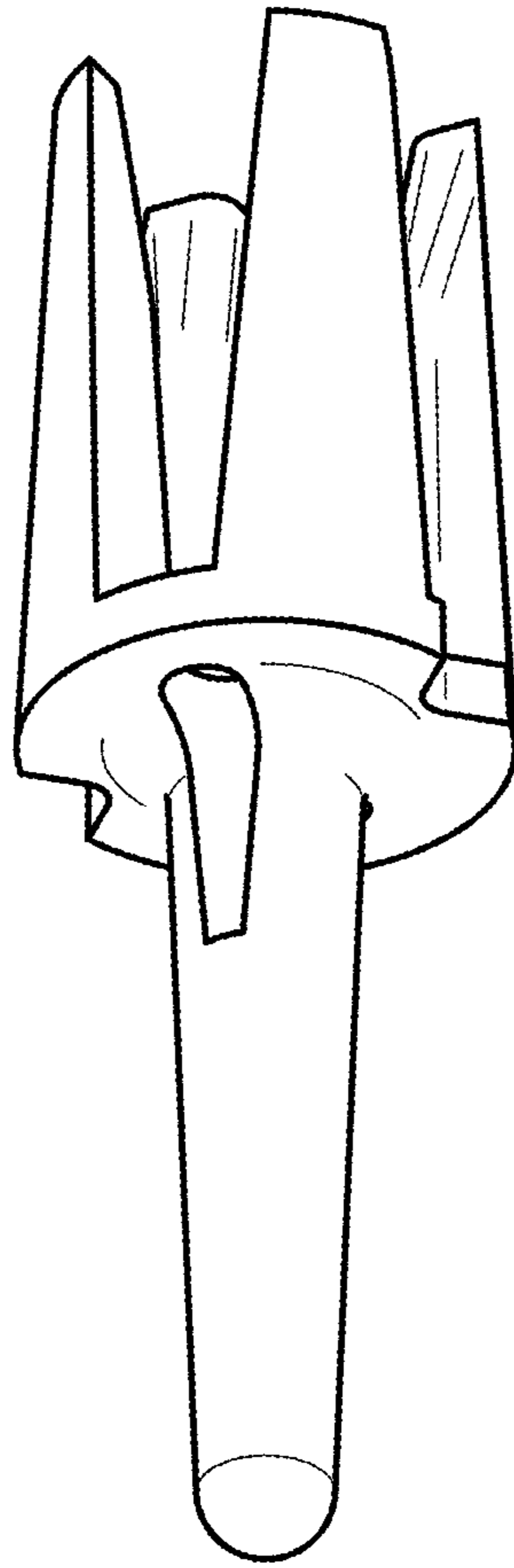


Fig. 5

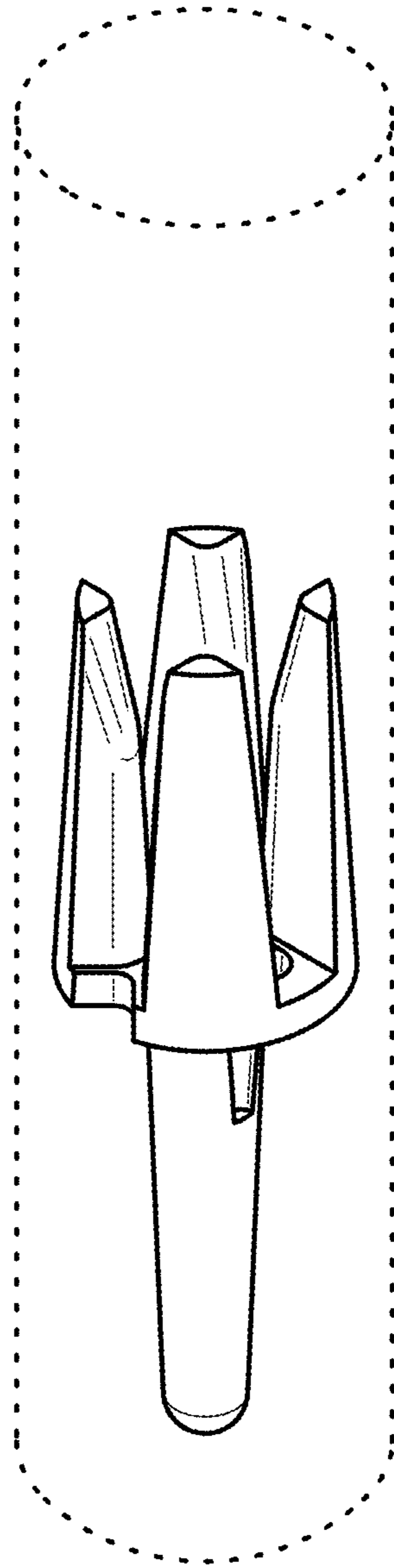


Fig. 6