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

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(54) **CLEANER**

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

(21) Appl. No.: **29/726,234**

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/22; D32/32**

(58) **Field of Classification Search**
USPC **D32/21, 22, 32, 33, 38, 39, 41, 50**
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D747,580 S * 1/2016 Yun D32/32
D751,780 S * 3/2016 Courtney D32/33
(Continued)

FOREIGN PATENT DOCUMENTS

DE 402015100559-0001 9/2015
EM 002264424-0007 7/2013
(Continued)

OTHER PUBLICATIONS

Tineco Cordless Vacuum Cleaner, available in Amazon.co.uk, date first available Nov. 26, 2020 [online], [site visited Aug. 25, 2021],

Available from the internet URL: https://www.amazon.co.uk/Tineco-Cordless-Cleaner-Handheld-Controls/dp/B07QDQ6HMF?ref_=ast_sto_dp&th=1 (Year: 2020).*

(Continued)

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(57) **CLAIM**

The ornamental design for a cleaner, as shown and described.

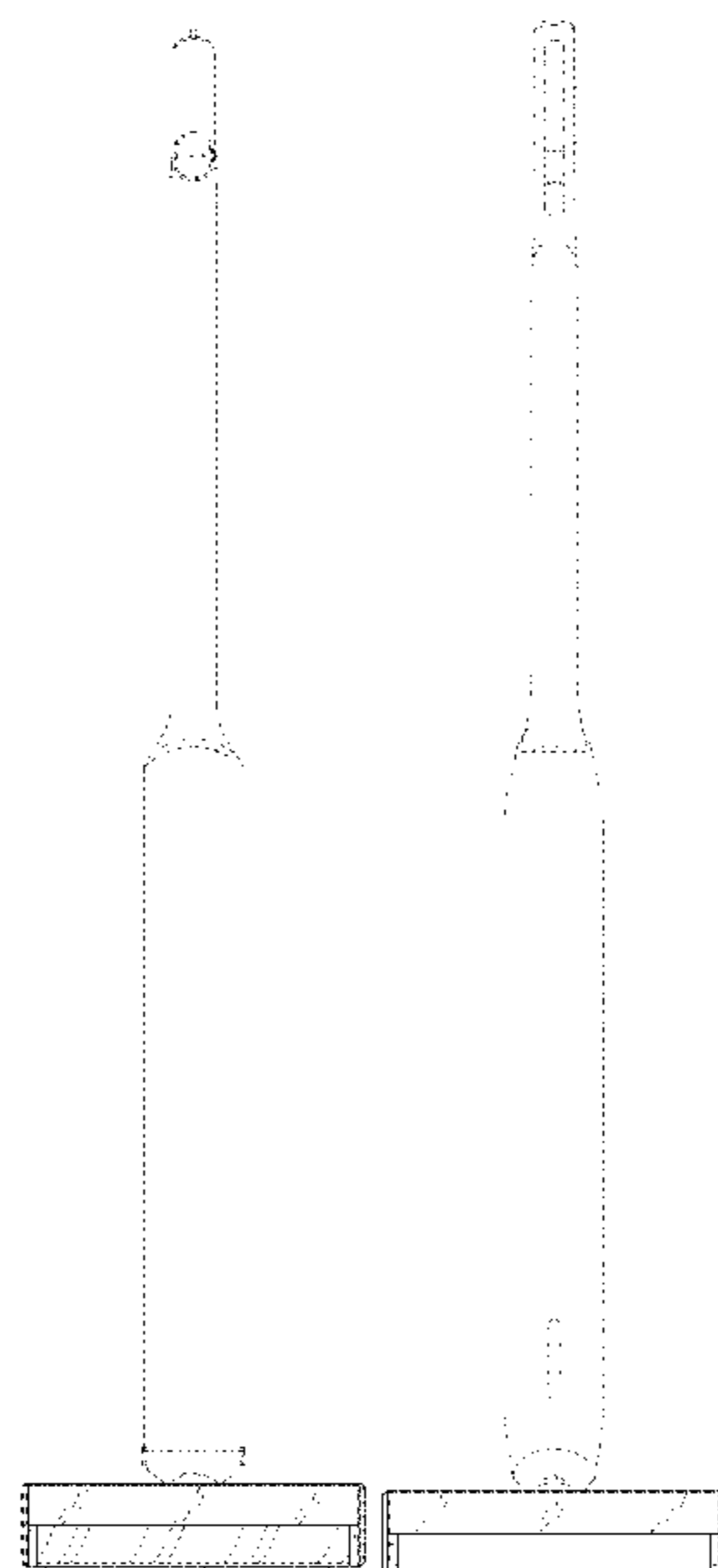
DESCRIPTION

FIG. 1 is a front perspective view of a first embodiment of a cleaner, showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left-side view thereof;
FIG. 5 is a right-side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a rear perspective view thereof;
FIG. 9 is a front perspective view of a second embodiment of the cleaner, showing our new design;
FIG. 10 is a front view thereof;
FIG. 11 is a rear view thereof;
FIG. 12 is a left-side view thereof;
FIG. 13 is a right-side view thereof;
FIG. 14 is a top view thereof;
FIG. 15 is a bottom view thereof; and,
FIG. 16 is a rear perspective view thereof.

The broken lines illustrating portions of the cleaner form no part of the claimed design.

The dot-dash broken lines in the figure illustrate a boundary of the claimed design, and form no part of the claimed design.

1 Claim, 14 Drawing Sheets



(58) **Field of Classification Search**

CPC A46B 15/0053; A47L 13/225; A47L 9/02;
 A47L 9/0411; A47L 9/0422; A47L
 9/0461; A47L 9/0693; A47L 9/325; A47L
 11/20; A47L 11/24; A47L 11/26; A47L
 11/302; A47L 11/32; A47L 11/34; A47L
 11/4041; B04C 5/185; B08B 1/002; B08B
 9/035; B60S 1/52; B23Q 11/0046; B23Q
 11/0071; E01H 1/0854; E04H 4/1636

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | |
|--------------|---------|----------------|--------|
| D814,724 S * | 4/2018 | Courtney | D32/32 |
| D836,273 S * | 12/2018 | Nam | D32/32 |
| D836,274 S * | 12/2018 | Nam | D32/32 |
| D836,867 S * | 12/2018 | Nam | D32/32 |
| D836,868 S * | 12/2018 | Nam | D32/32 |
| D839,517 S * | 1/2019 | Nam | D32/32 |
| D839,518 S * | 1/2019 | Nam | D32/32 |
| D839,519 S * | 1/2019 | Nam | D32/33 |
| D848,099 S * | 5/2019 | Nam | D32/32 |
| D879,397 S * | 3/2020 | Kim | D32/32 |
| D912,344 S * | 3/2021 | Choi | D32/22 |
| D912,345 S * | 3/2021 | Uim | D32/22 |
| D922,015 S * | 6/2021 | Polden | D32/32 |
| D927,809 S * | 8/2021 | Kim | D32/32 |

FOREIGN PATENT DOCUMENTS

| | | |
|----|-------------|-----------|
| KR | 300946157 S | 3/2018 |
| KR | 300962429 S | 6/2018 |
| KR | 301007374 S | 5/2019 |
| RU | 00096661 | * 12/2015 |
| WO | D212175-002 | * 7/2021 |

OTHER PUBLICATIONS

Moolan Cordless Vacuum Cleaner, available in Amazon.co.uk, date first available Apr. 7, 2021 [online], [site visited Aug. 25, 2021], Available from the internet URL: https://www.amazon.co.uk/Moolan-Cordless-Lightweight-Portable-Handheld/dp/B08SQTHC51?ref_ast_sto_dp (Year: 2021).*

Samsung Jet 70 Complete Vacuum Cleaner, available in Amazon.co.uk, date first available Sep. 17, 2020 [online], [site visited Aug. 25, 2021], Available from the internet URL: https://www.amazon.co.uk/Samsung-VS15T7036R5/dp/B08JCXJY3G/ref=sr_1_3?dchild=1&keywords=samsung+jet&qid=1629903571&s=kitchen&sr=1-3 (Year: 2020).*

Jet Stick Vacuum, available in Samsung.com, announced Year 2020 [online], [site visited Oct. 30, 2020], Available from the internet URL: <https://www.samsung.com/us/home-appliances/vacuums/jet-stick/> (Year: 2020).*

* cited by examiner

FIG. 1

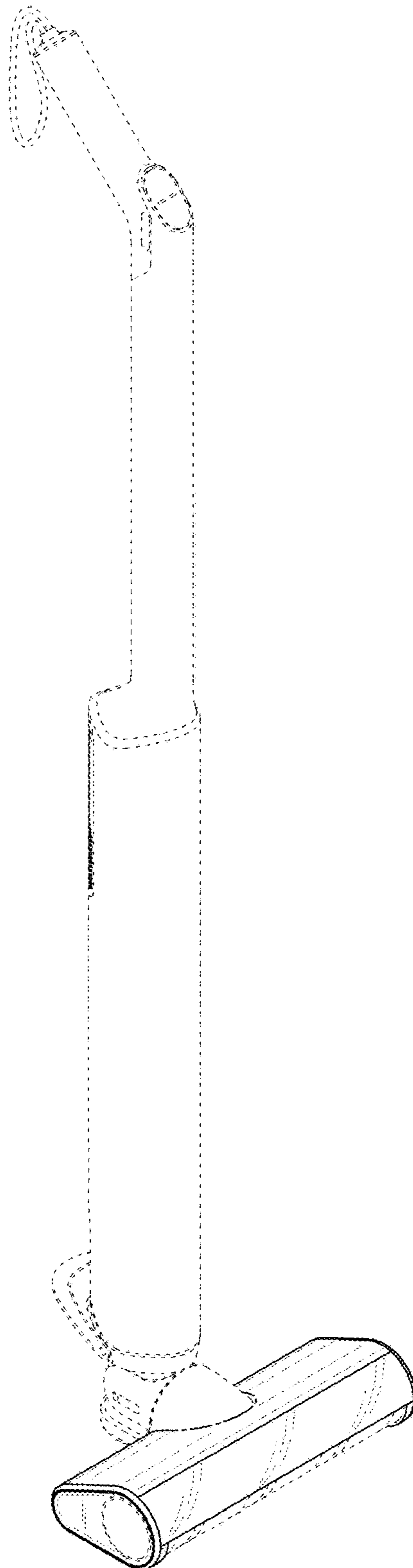


FIG. 2

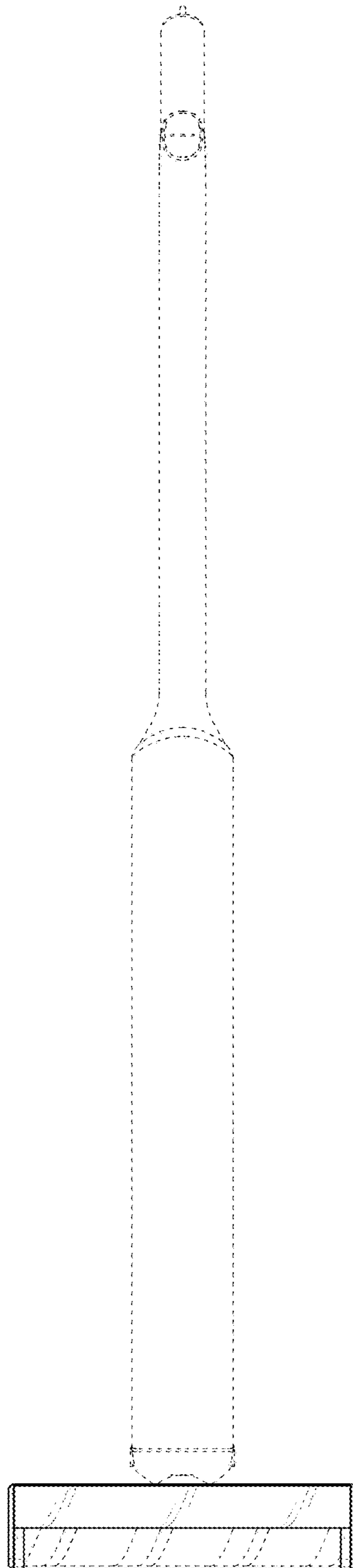


FIG. 3

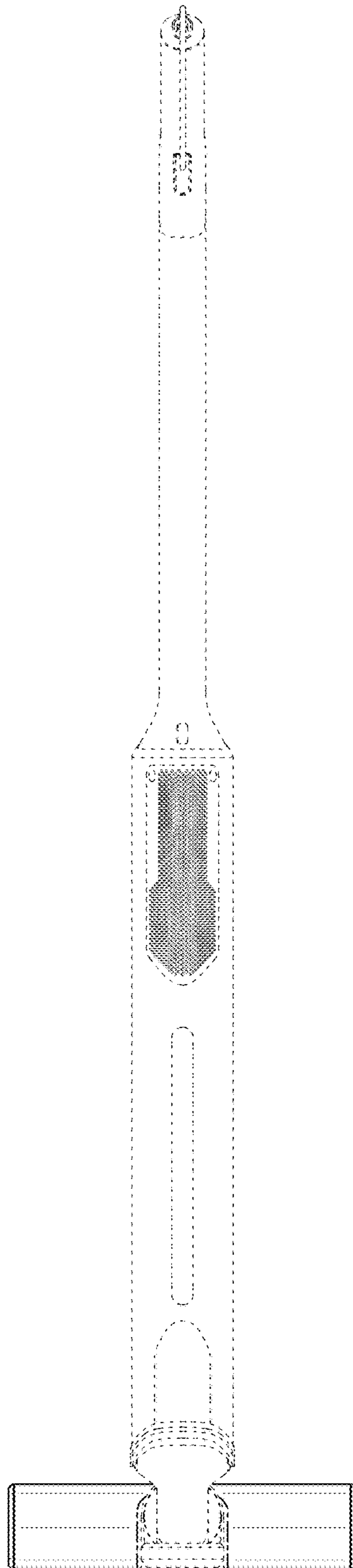


FIG. 4

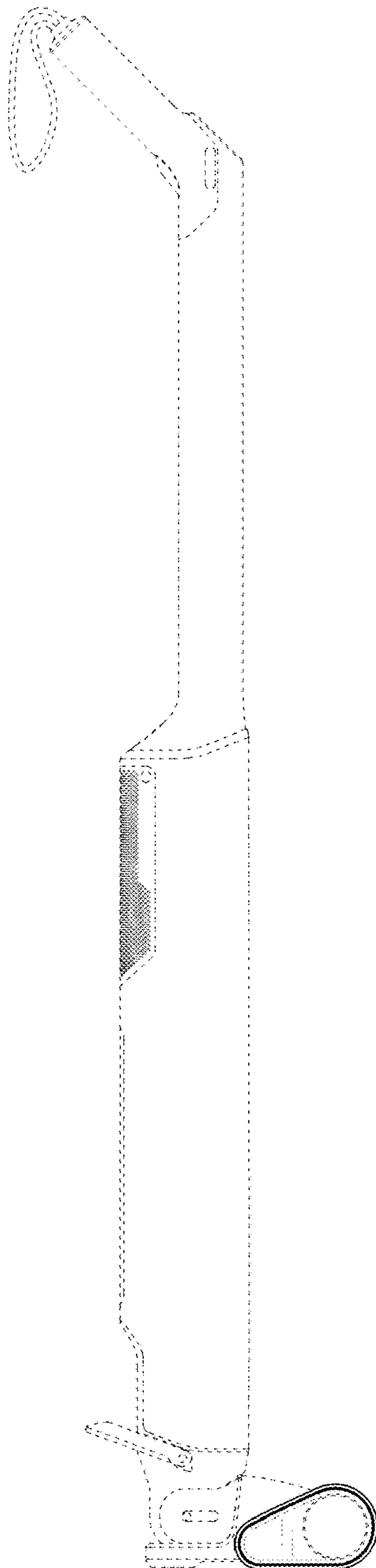


FIG. 5

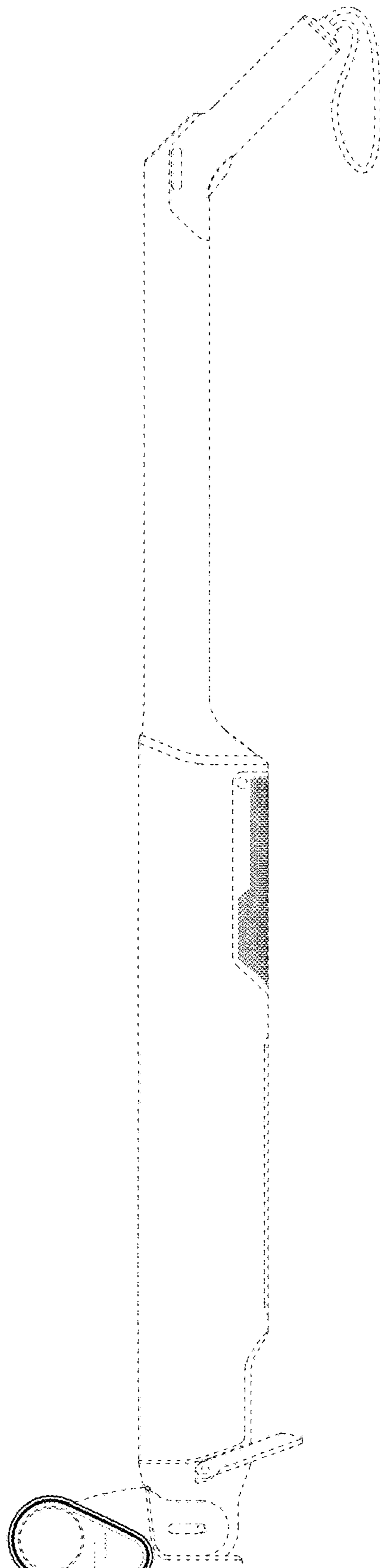


FIG. 6

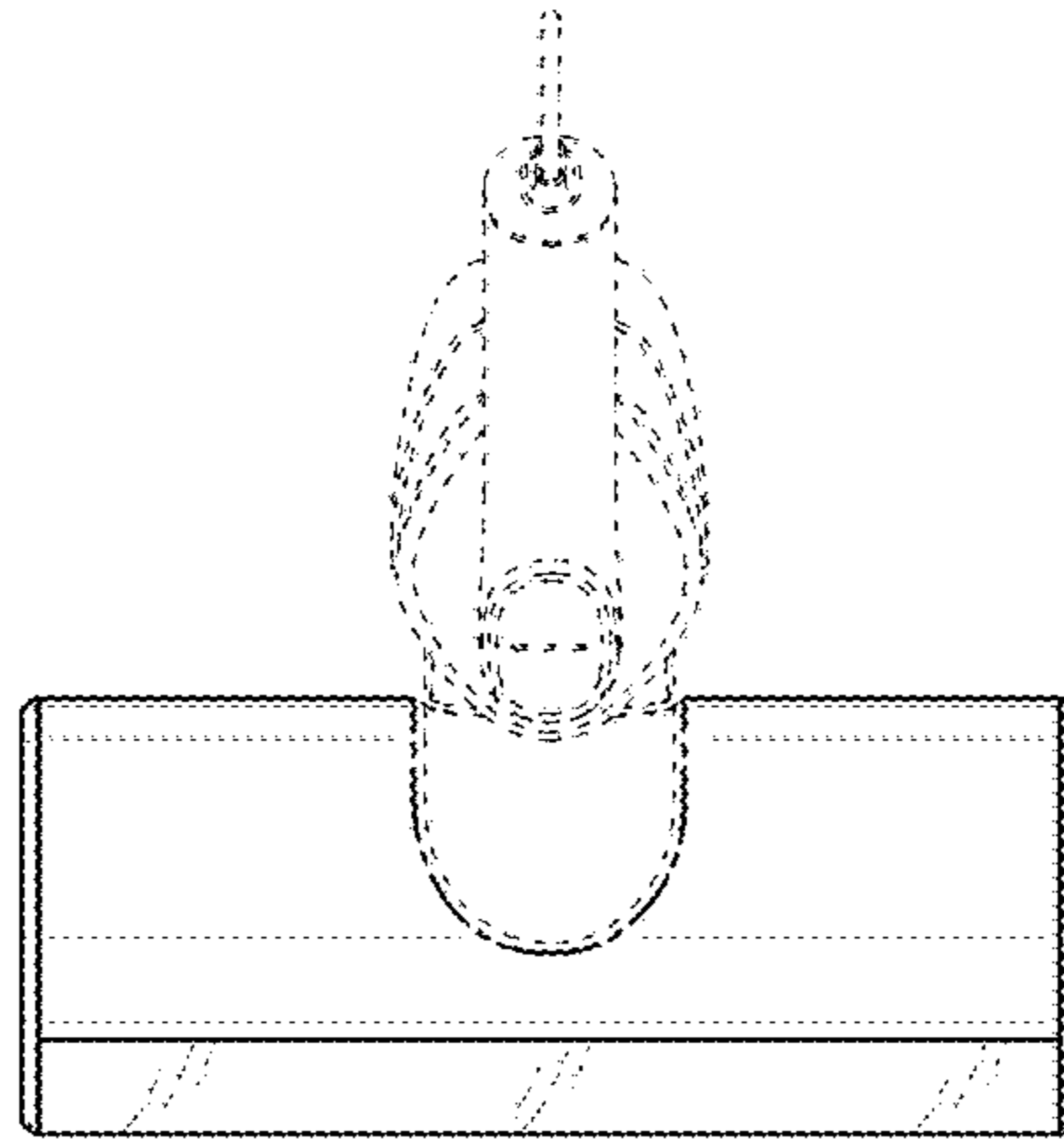


FIG. 7

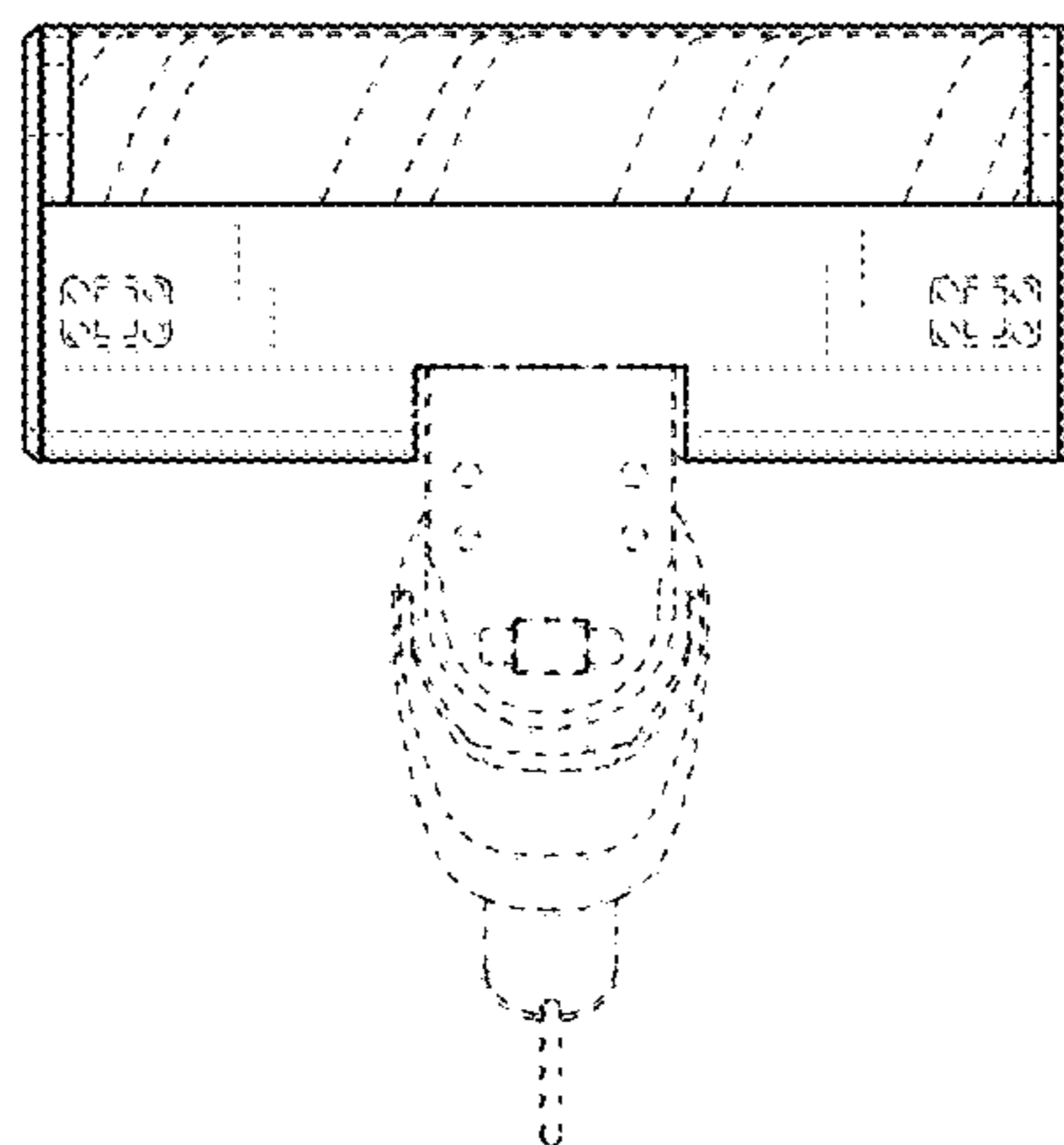


FIG. 8

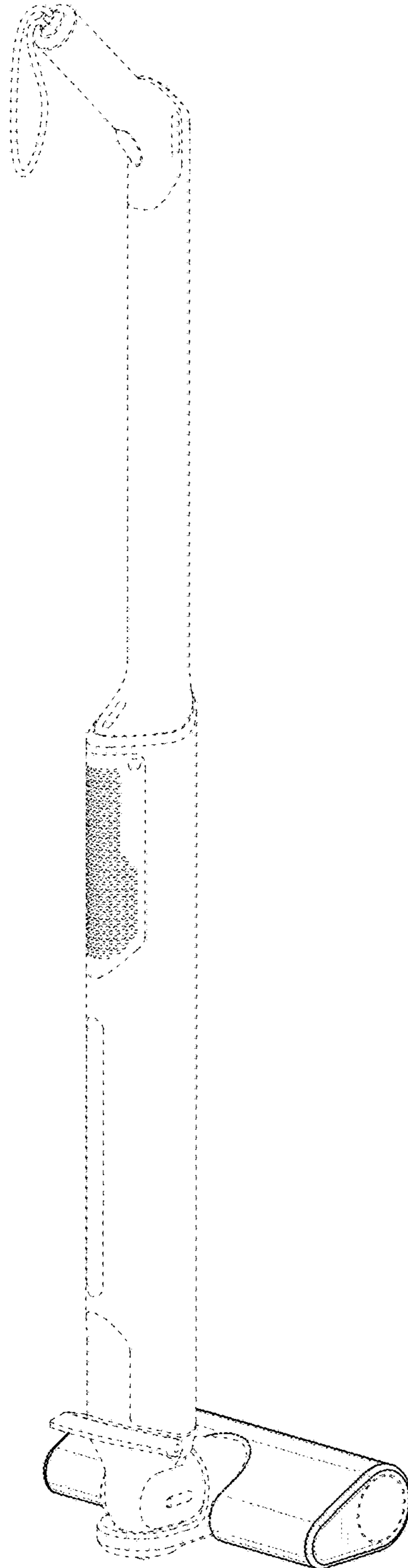


FIG. 9

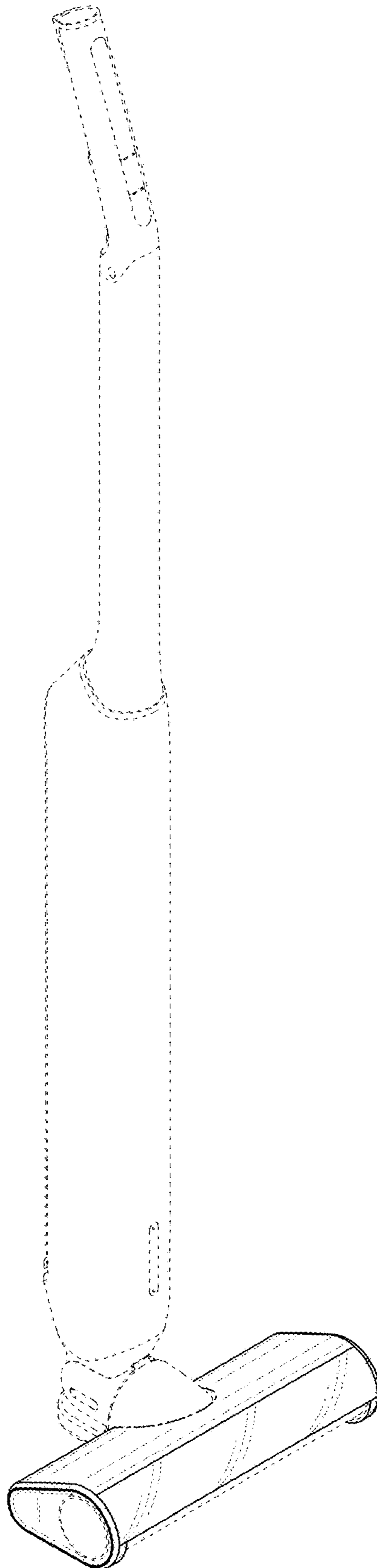


FIG. 10

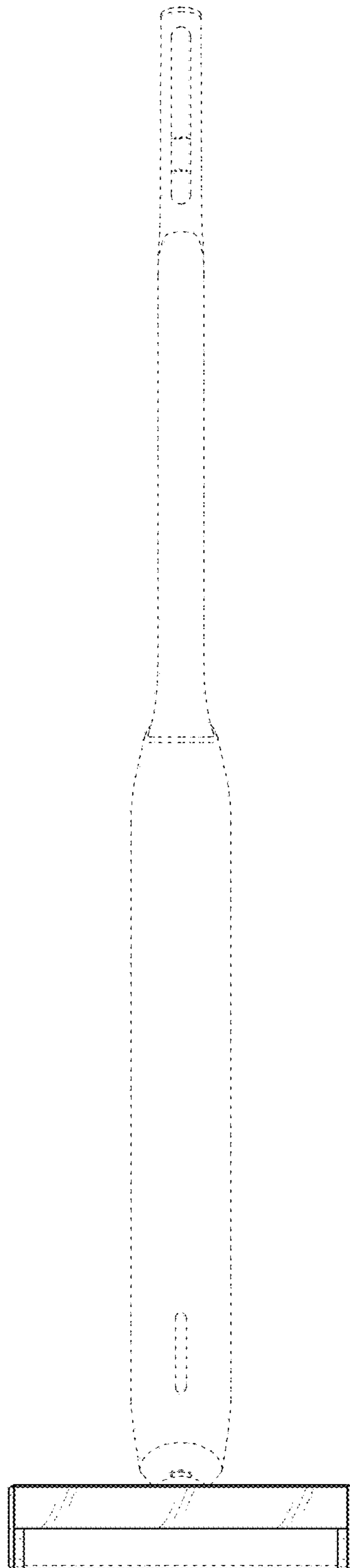


FIG. 11

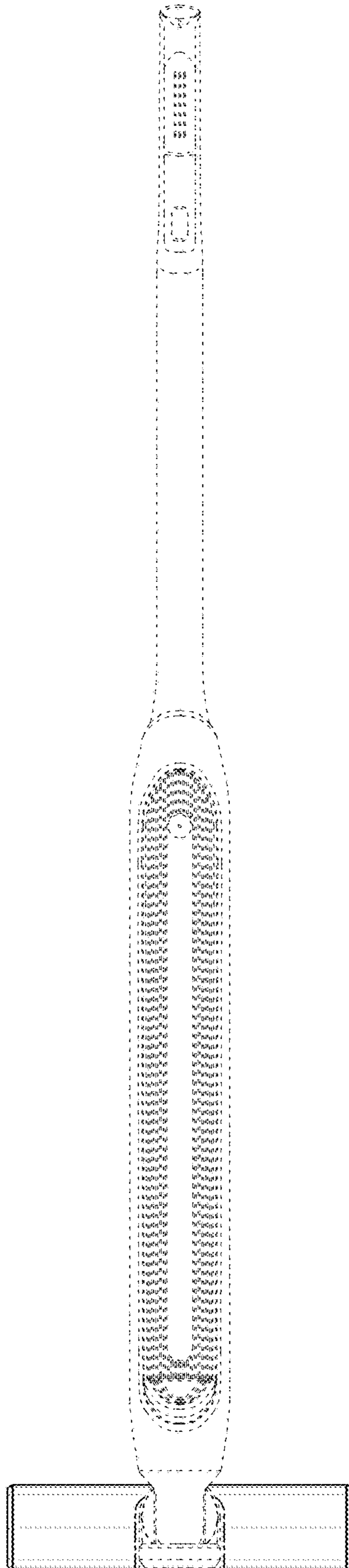


FIG. 12

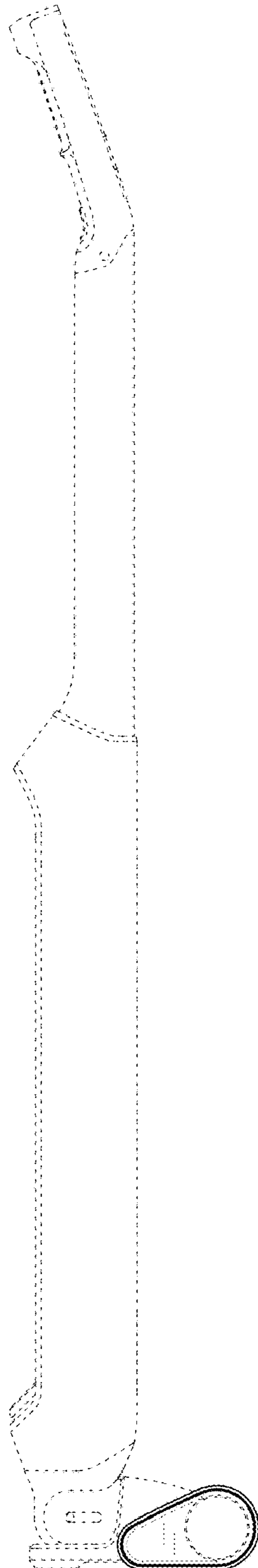


FIG. 13

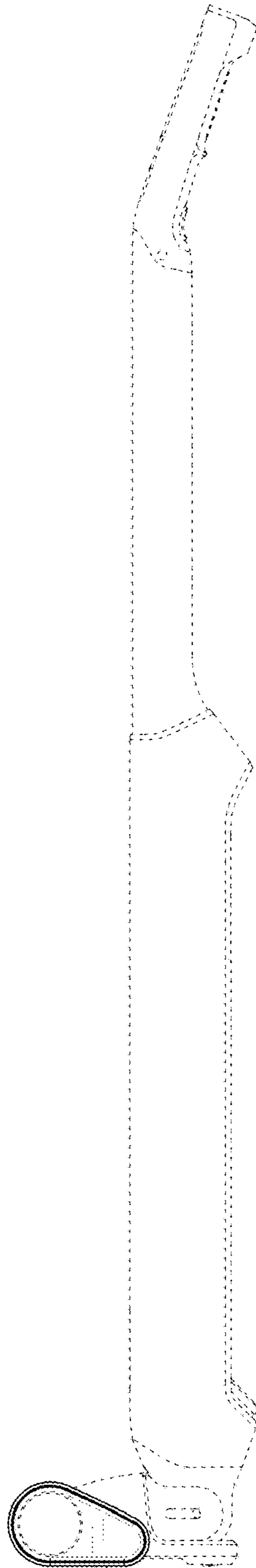


FIG. 14

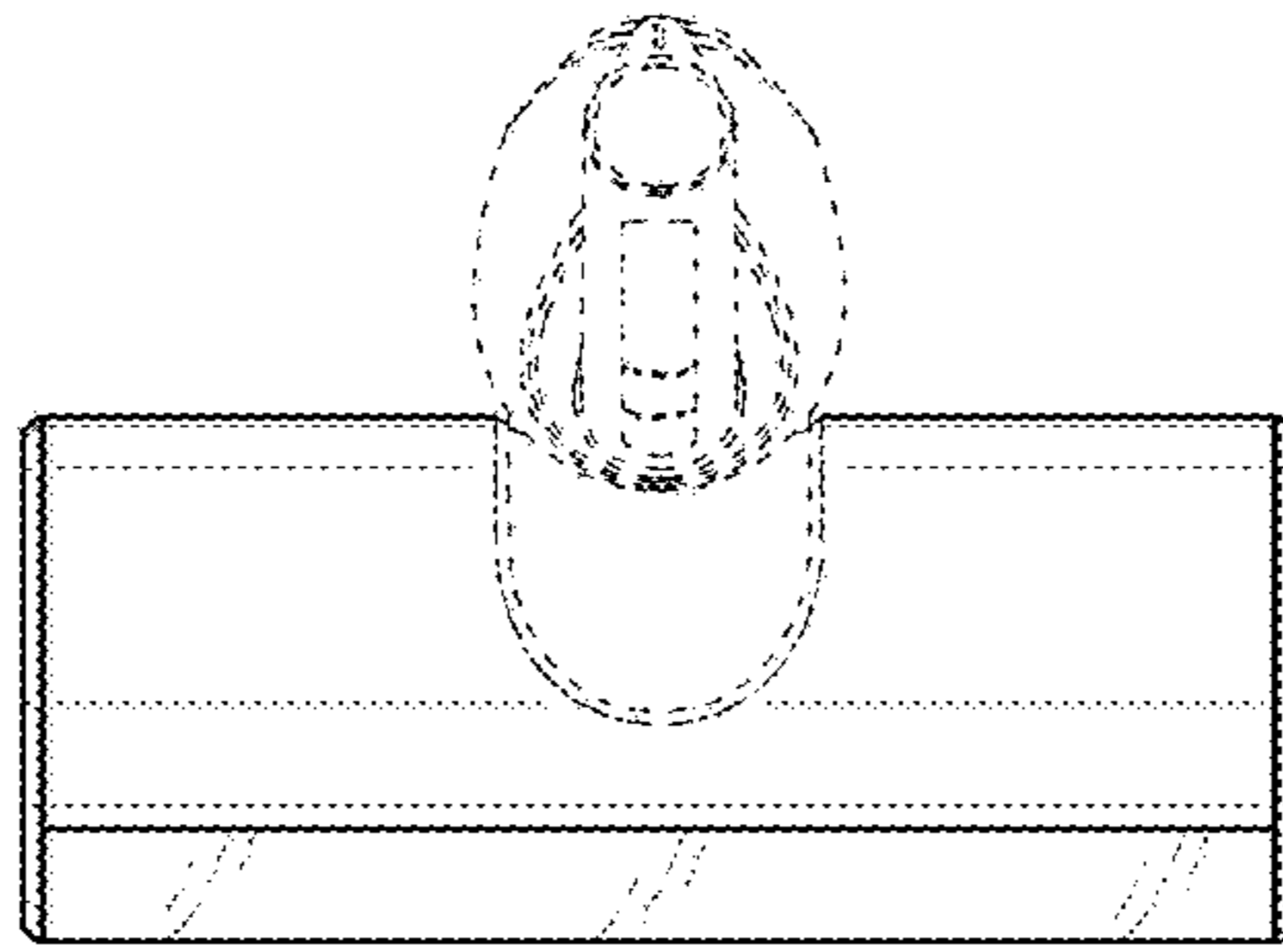


FIG. 15

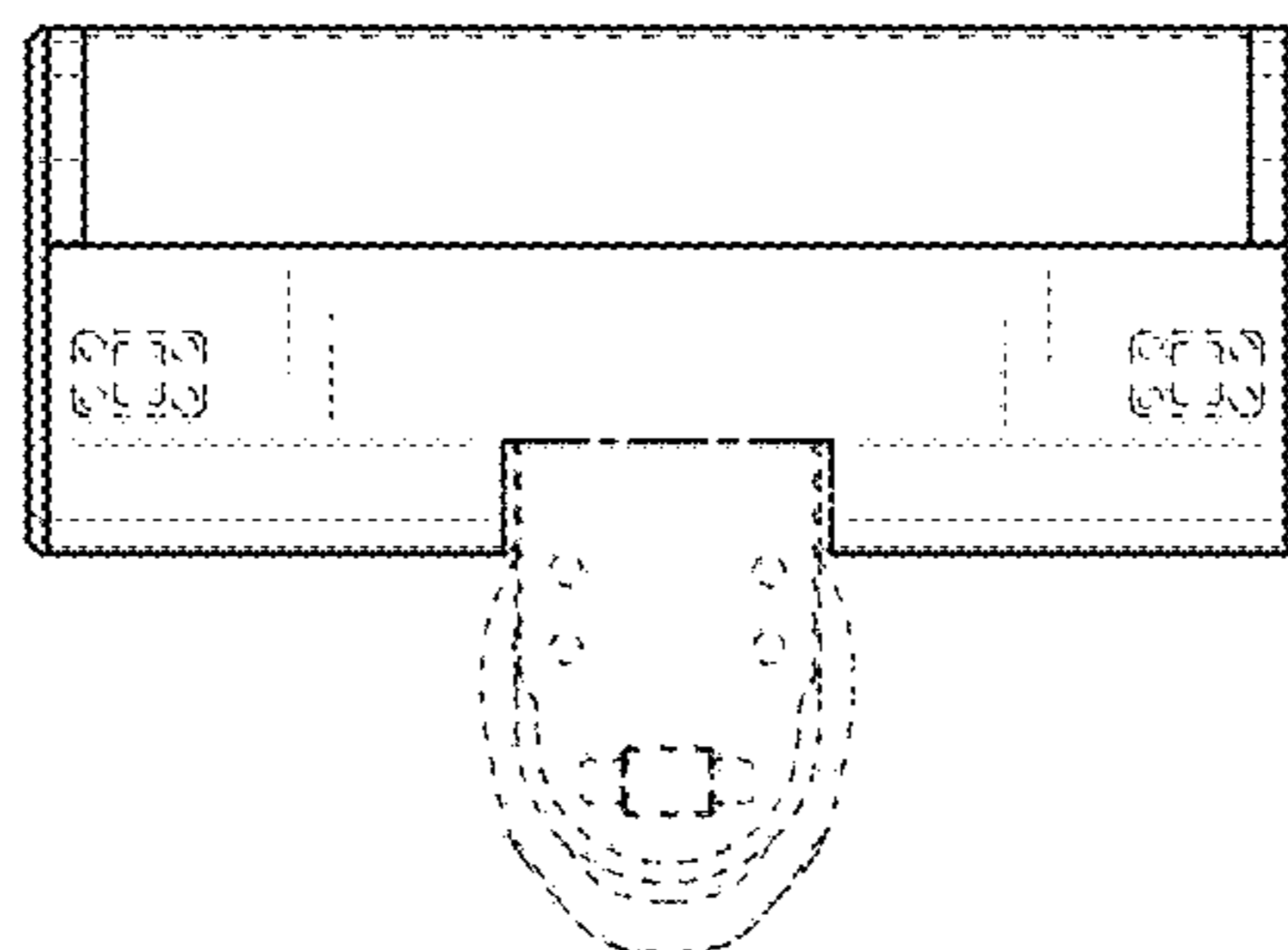


FIG. 16

