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(12)

United States Design Patent

Loercher et al.

(10)

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(45)

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(54) ELECTRIC VEHICLE CHARGING CONNECTOR

2023], Available from the internet URL: <https://www.amazon.com/dp/B07YFY768S/> (Year: 2019).\*

(Continued)

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(57) CLAIM

The ornamental design for an electric vehicle charging connector, as shown and described.

DESCRIPTION

Cross reference is made to copending U.S. design patent application Ser. No. 29/792,022 entitled “Electrical Connection System” by Loercher et al., which was filed on even date herewith; U.S. design patent application Ser. No. 29/792,023 entitled “Electrical Connection System” by Loercher et al., which was filed on even date herewith; U.S. design patent application Ser. No. 29/792,025 entitled “Electric Vehicle Charging Connector” by Loercher et al., which was filed on even date herewith; and U.S. design patent application Ser. No. 29/792,026 entitled “Electrical Connector” by Loercher et al., which was filed on even date herewith.

FIG. 1 is a perspective view of an electric vehicle charging connector showing our new design;  
FIG. 2 is a front side elevational view of the electric vehicle charging connector of FIG. 1;  
FIG. 3 is a rear side elevational view of the electric vehicle charging connector of FIG. 1;  
FIG. 4 is a left side elevational view of the electric vehicle charging connector of FIG. 1;  
FIG. 5 is a right side elevational view of the electric vehicle charging connector of FIG. 1;  
FIG. 6 is a top side plan view of the electric vehicle charging connector of FIG. 1; and  
FIG. 7 is a bottom side plan view of the electric vehicle charging connector of FIG. 1.

The dashed broken lines shown in the drawings illustrate portions of the electric vehicle charging connector that form

(Continued)

(73) Assignee: Robert Bosch GmbH, Stuttgart (DE)

(\*\*) Term: 15 Years

(21) Appl. No.: 29/792,024

(22) Filed: Feb. 25, 2022

(30) Foreign Application Priority Data

Aug. 31, 2021 (EM) ..... 008668990-0036  
Aug. 31, 2021 (EM) ..... 008668990-0048  
(51) LOC (14) Cl. .... 13-03  
(52) U.S. Cl.  
USPC ..... D13/133; D13/107; D13/108; D13/147  
(58) Field of Classification Search  
USPC ..... D13/133, 146, 147, 144, 108, 110, 107, D13/118, 184, 199; D10/80

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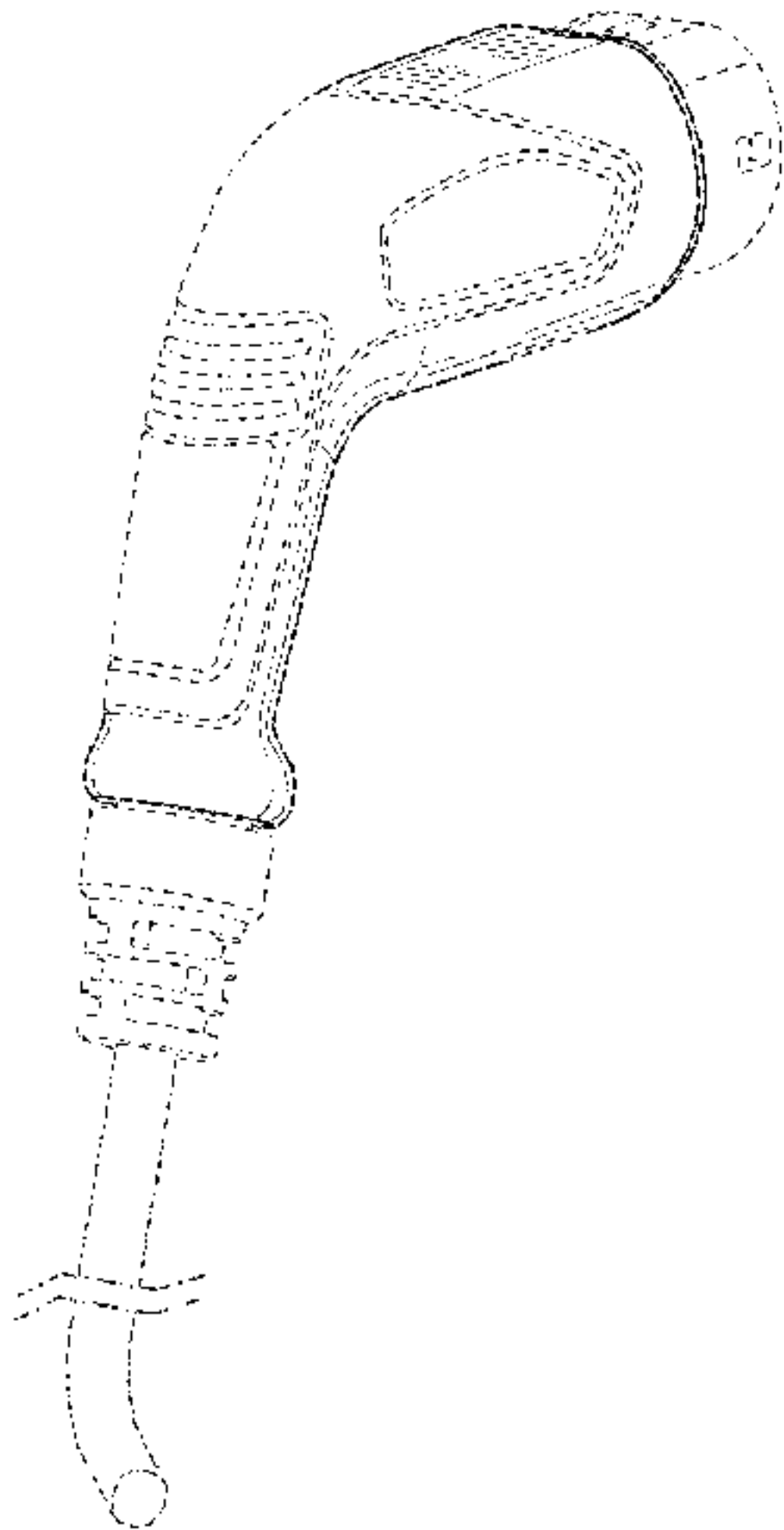
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no part of the claimed design. The dash-dot broken lines illustrate a symbolic break and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(58) Field of Classification Search

CPC ..... H01H 13/52; H01H 13/70; H01H 13/665; H01H 13/6675; H01H 13/6395; H01H 13/629; H01H 31/065; B60L 53/16; B60L 11/1809; B60L 11/1861; H01R 13/52; H01R 13/70; H01R 13/665; H01R 13/6675; H01R 13/6395; H01R 13/629; H01R 31/065; H02J 2001/008; H02J 3/32; H02J 3/008; H02J 7/0013; H02J 7/0054; H02J 7/00; B60R 16/03  
See application file for complete search history.

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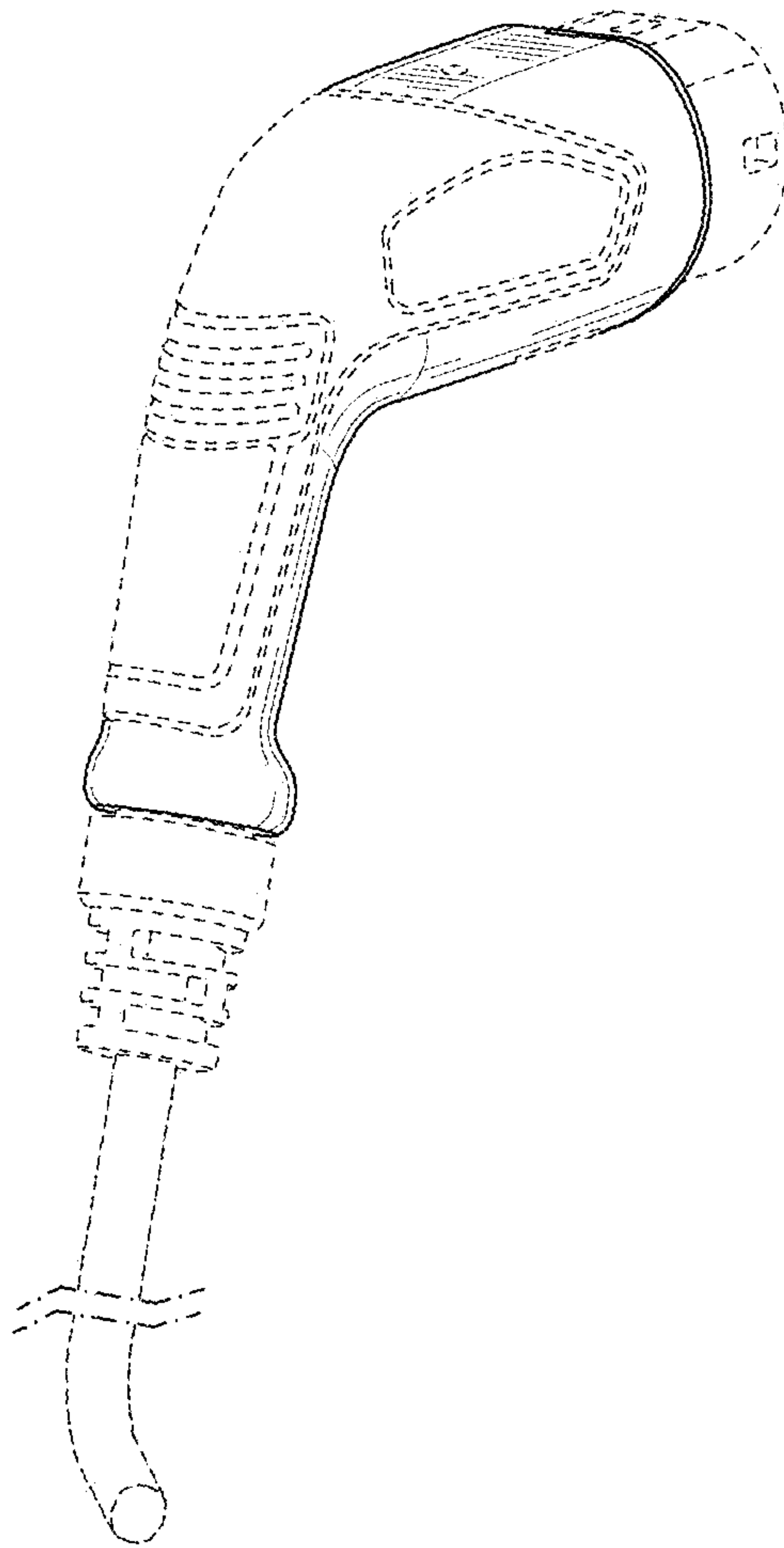


FIG. 1

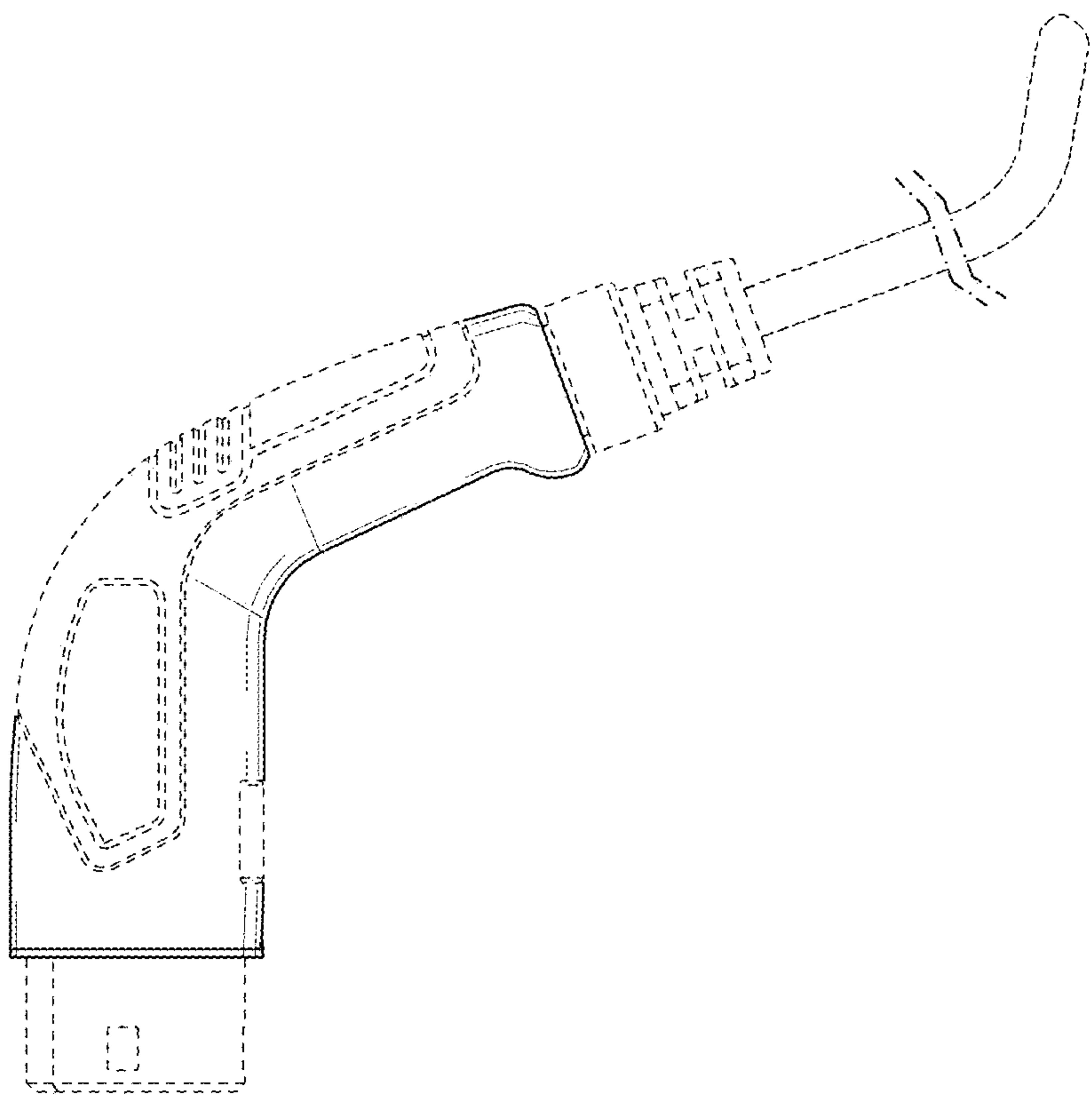


FIG. 2

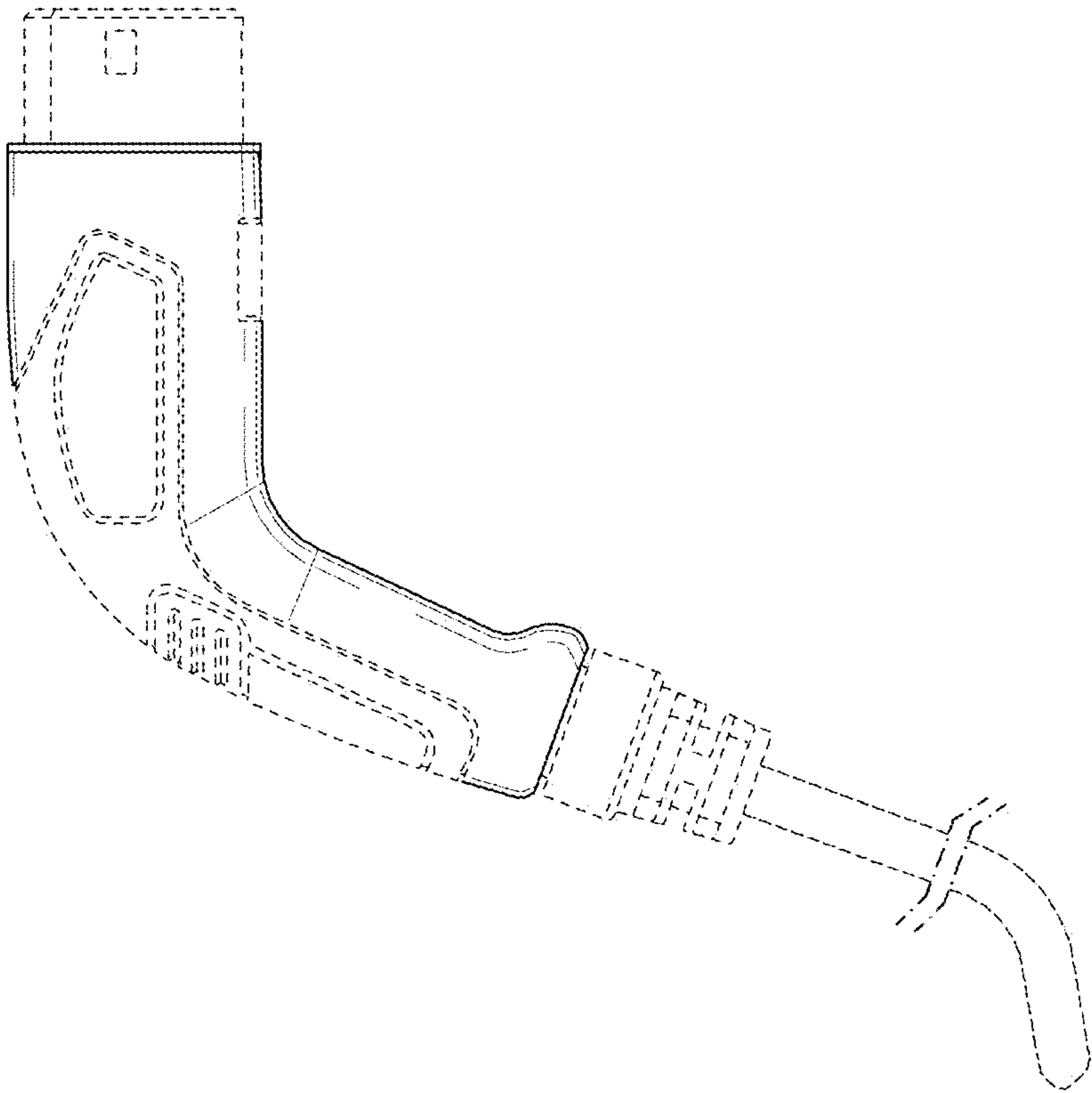


FIG. 3

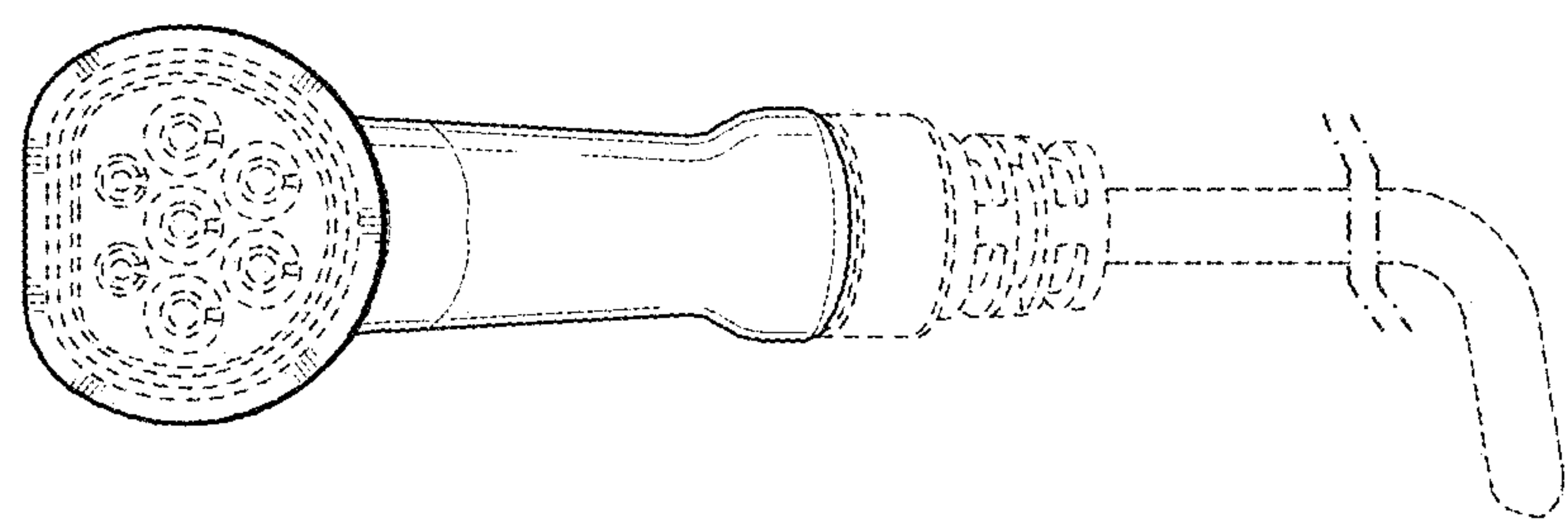


FIG. 4

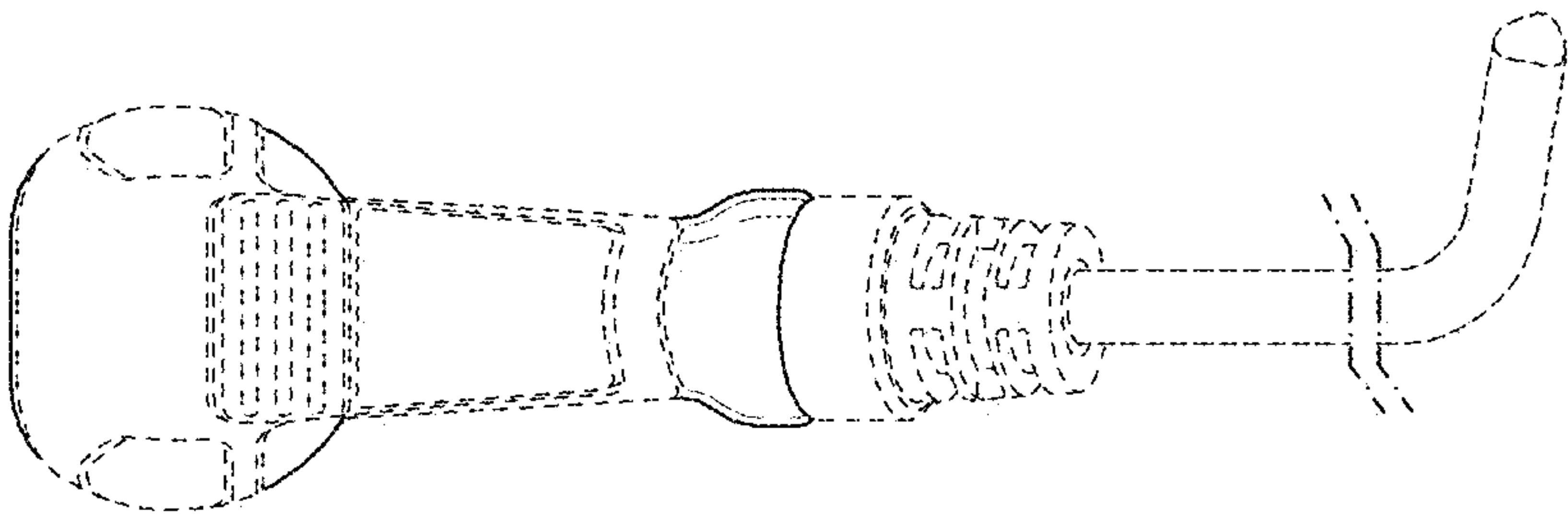


FIG. 5

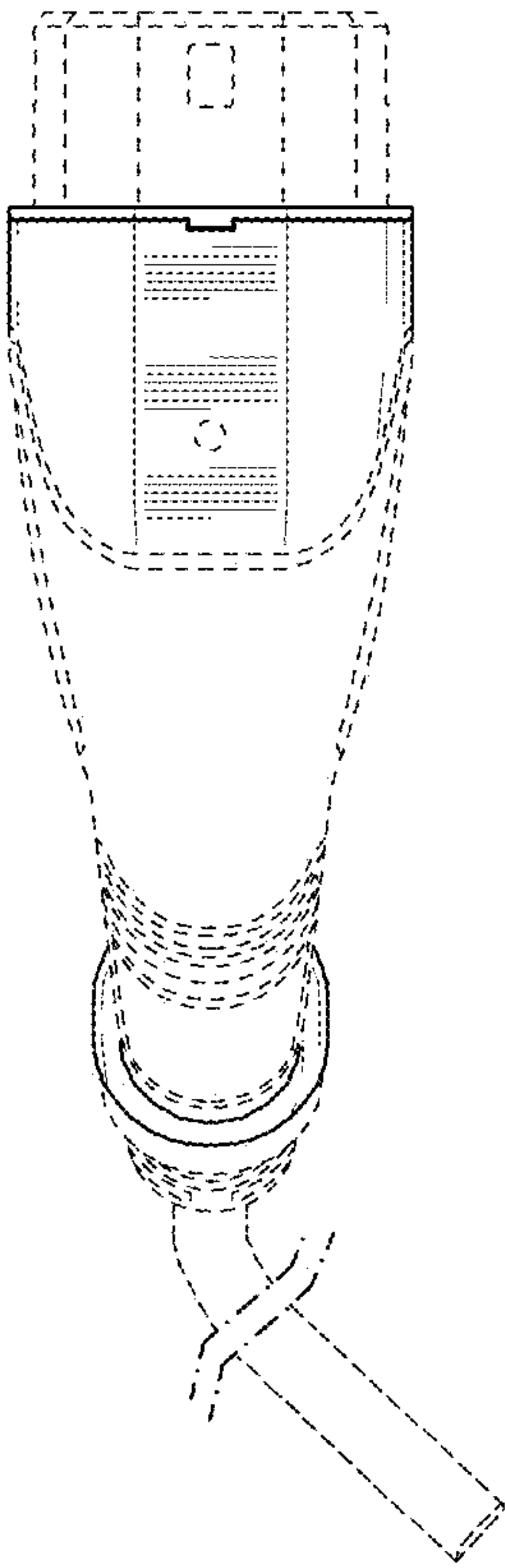


FIG. 6

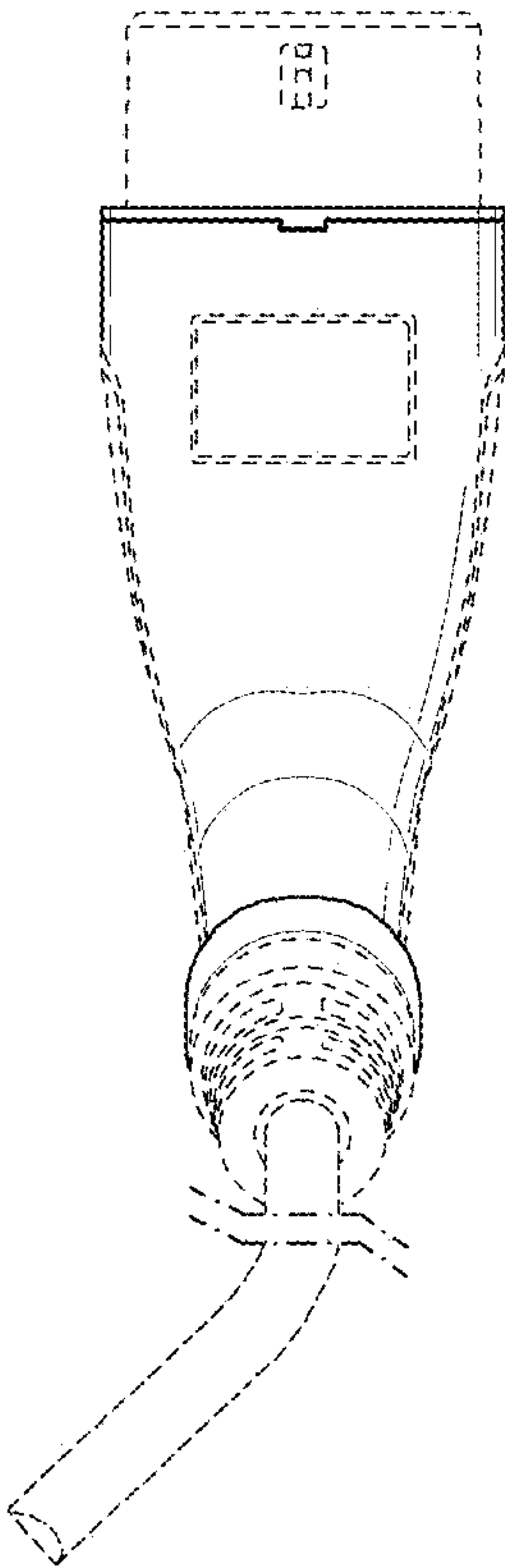


FIG. 7