



US00D731974S

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

(10) **Patent No.:** **US D731,974 S**
(45) **Date of Patent:** **** Jun. 16, 2015**

(54) **CHARGING CONNECTOR FOR ELECTRIC VEHICLE**

(71) Applicant: **FUJIKURA LTD.**, Koto-ku, Tokyo (JP)

(72) Inventors: **Yasunobu Hori**, Sakura (JP); **Yasuhiko Ohnishi**, Sakura (JP)

(73) Assignee: **FUJIKURA LTD.**, Tokyo (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/456,507**

(22) Filed: **May 31, 2013**

(30) **Foreign Application Priority Data**

Dec. 3, 2012 (JP) 2012-029580

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/146; D13/147**

(58) **Field of Classification Search**
USPC D13/107–109, 118–119, 133, 146, 147,
D13/154, 184, 199; 320/104, 107–115,
320/FOR. 104, FOR. 119, DIG. 35
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,614,808 A * 3/1997 Konoya et al. 320/109
5,627,448 A * 5/1997 Okada et al. 439/133
D390,827 S * 2/1998 Sekimori et al.
D673,122 S * 12/2012 Huss et al. D13/146
D698,730 S * 2/2014 Hori et al. D13/146
D714,219 S * 9/2014 Muller D13/133
2011/0260684 A1 * 10/2011 Xiaofeng et al. 320/109

FOREIGN PATENT DOCUMENTS

EM	1996653-0001	3/2012
EM	1996653-0002	3/2012
JP	0960688-1 S	8/1996
JP	0960688 S	8/1996
JP	0983509 S	6/1997
JP	0986013 S	7/1997
JP	1048522 S	9/1999
JP	1417577 S	6/2011
JP	1423291 S	9/2011
JP	1434350 S	2/2012
JP	HJ24048766	11/2012

* cited by examiner

Primary Examiner — Daniel Bui

(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front, top and left side perspective view of a charging connector for electric vehicle showing our new design.

FIG. 2 is a front, bottom and left side perspective view thereof.

FIG. 3 is a rear, top and left perspective view thereof.

FIG. 4 is a rear, bottom and left side perspective view thereof.

FIG. 5 is a front elevation view thereof.

FIG. 6 is a rear elevation view thereof.

FIG. 7 is a top plan view thereof.

FIG. 8 is a bottom plan view thereof.

FIG. 9 is a left side elevation view thereof; and,

FIG. 10 is a right side elevation view thereof.

1 Claim, 10 Drawing Sheets

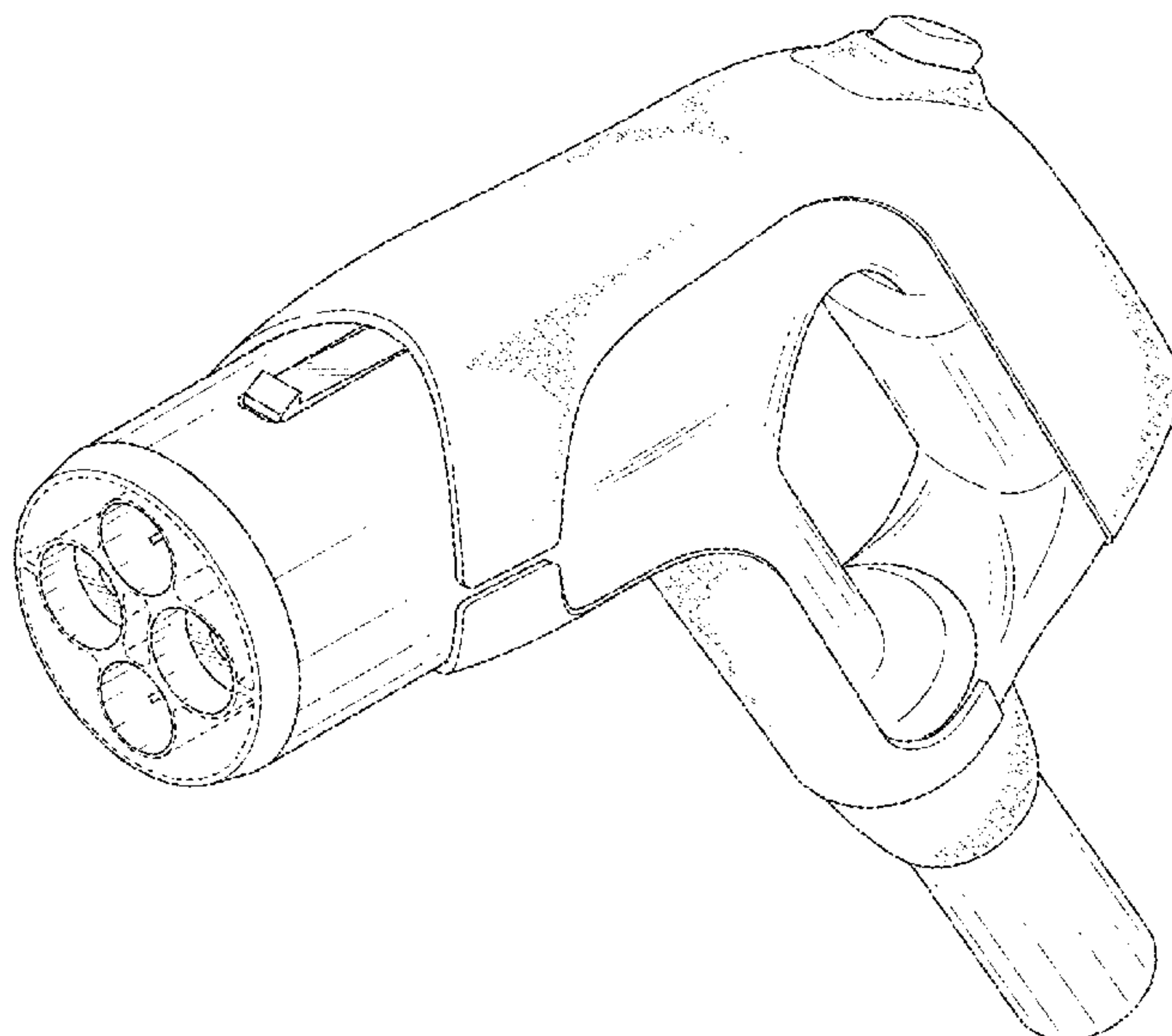


FIG. 1

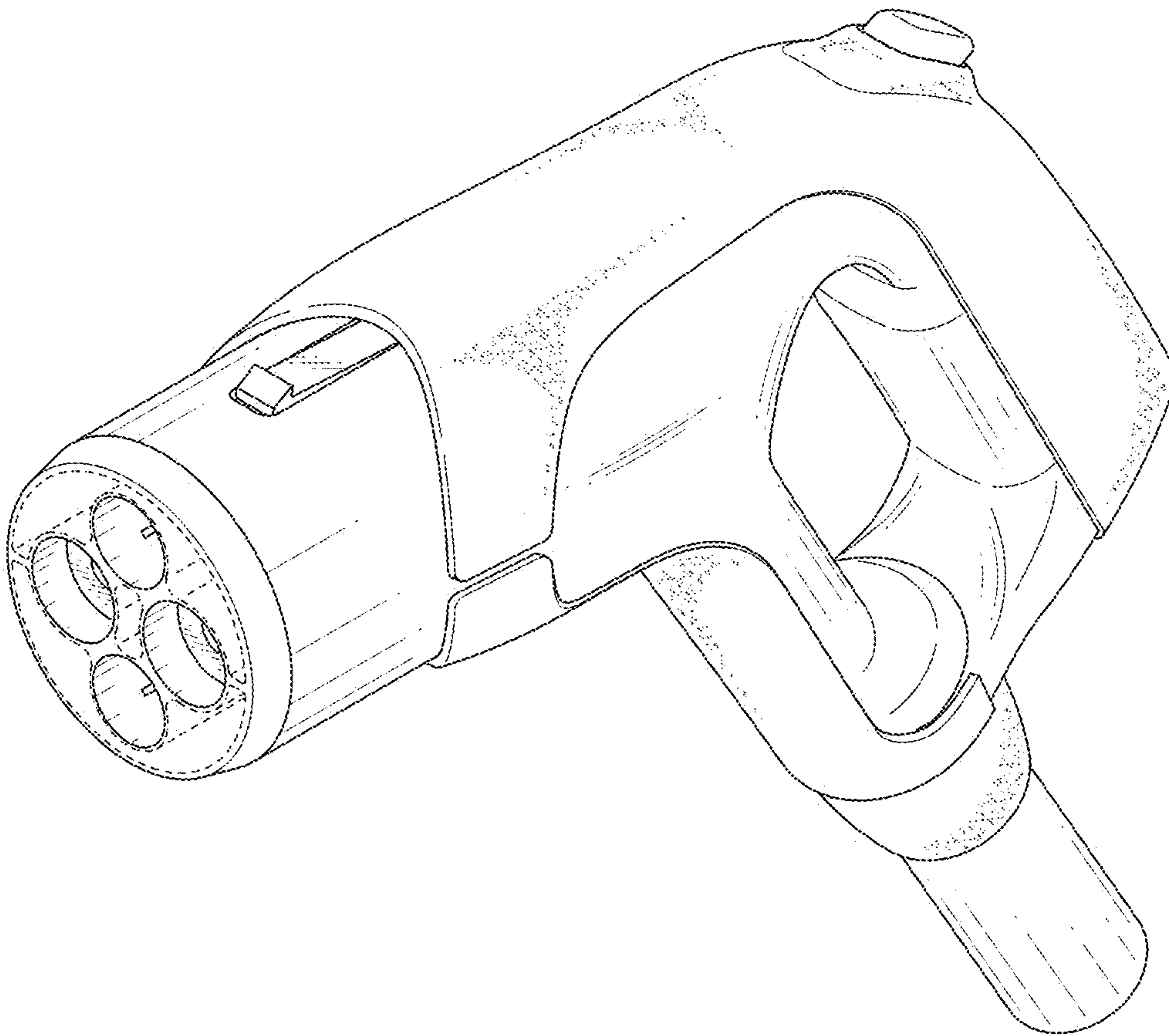


FIG. 2

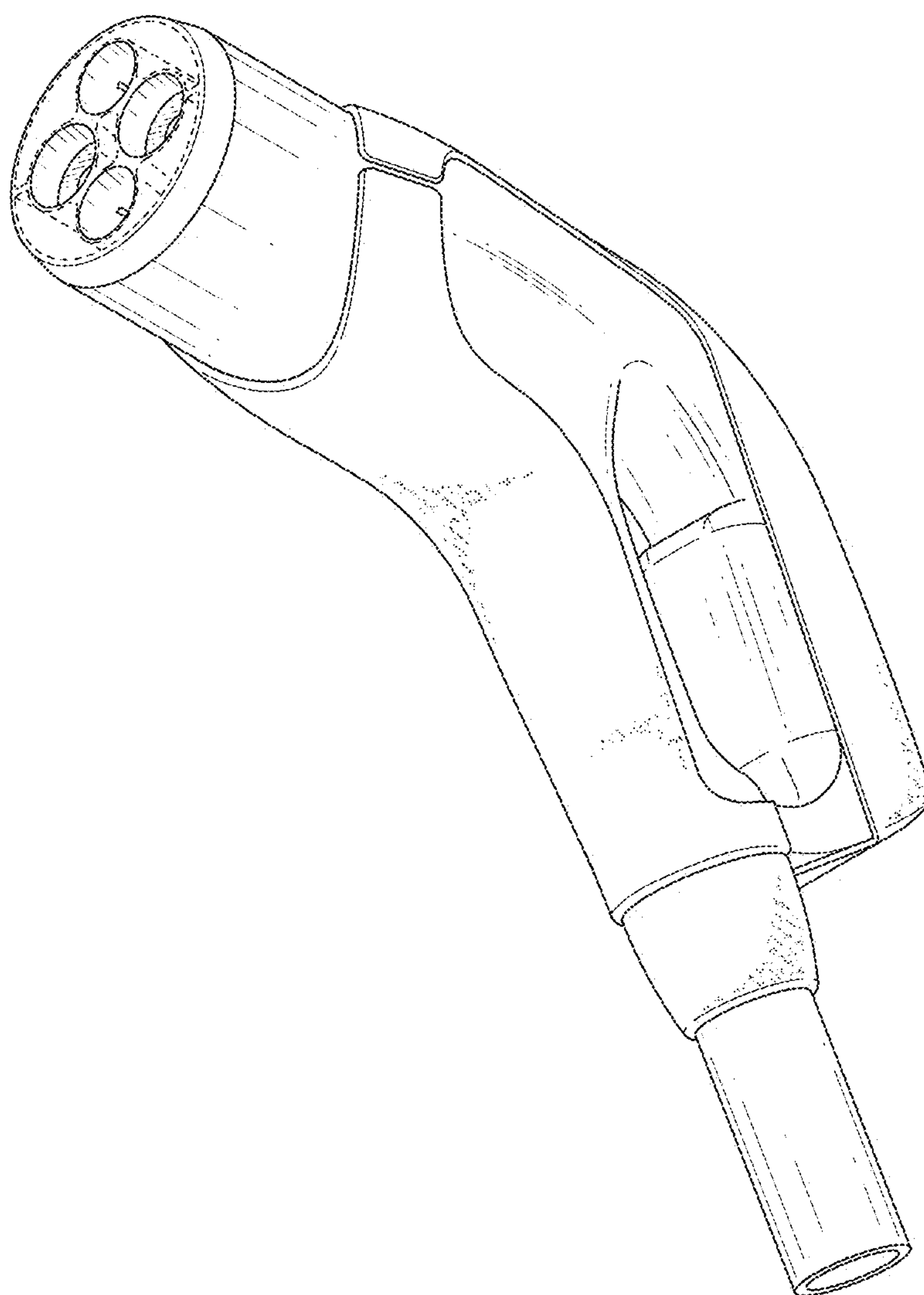


FIG. 3

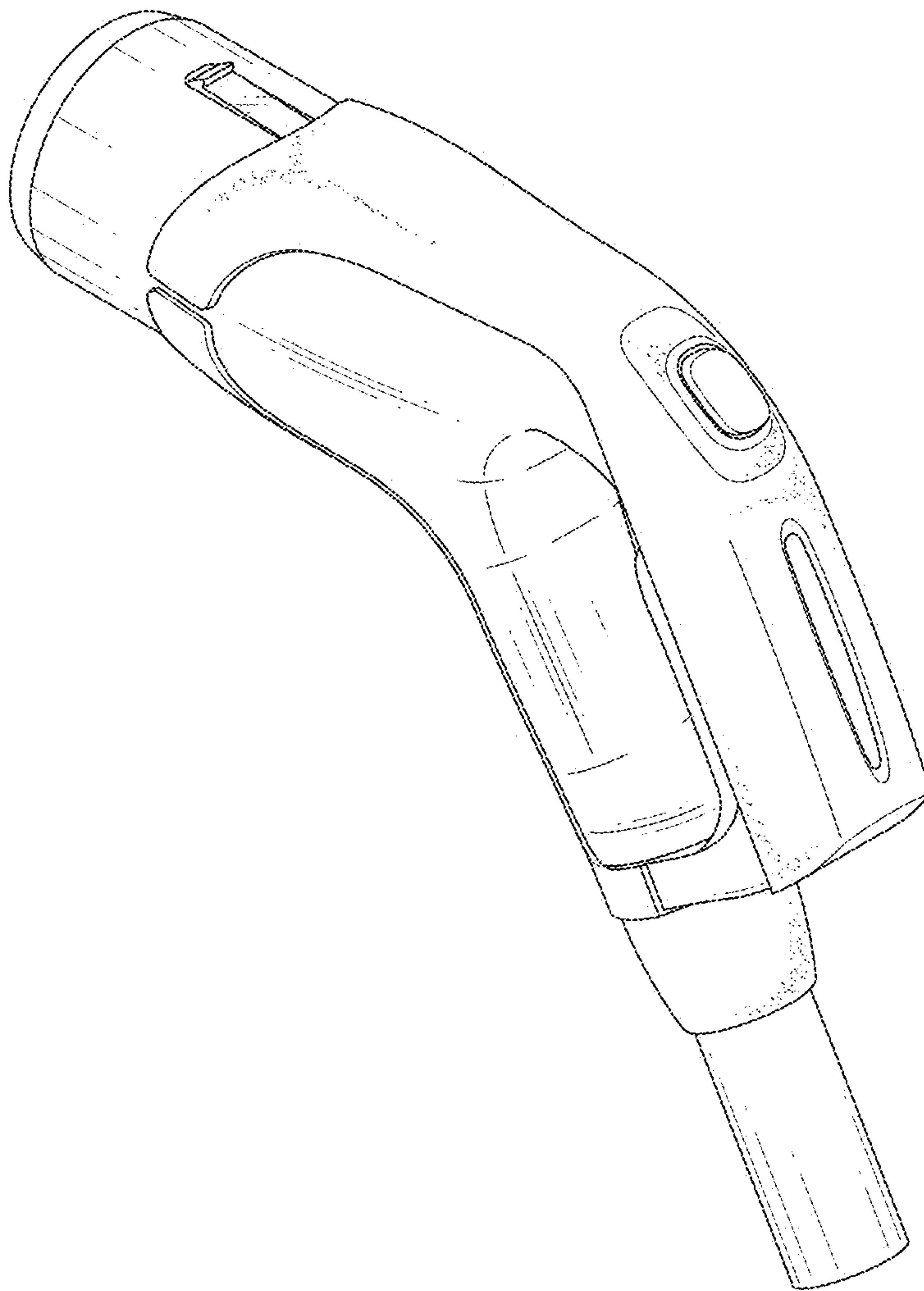


FIG. 4

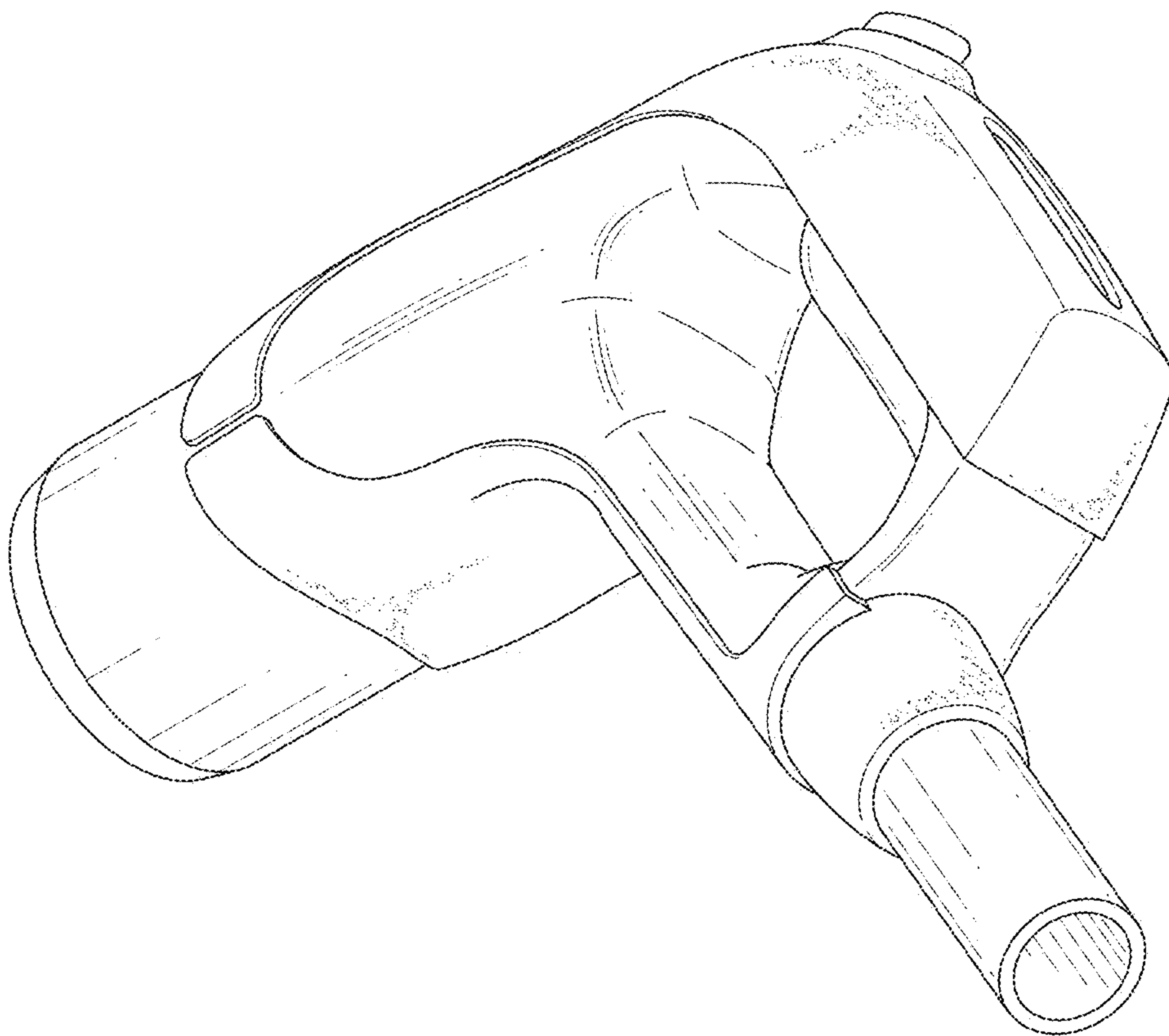


FIG. 5

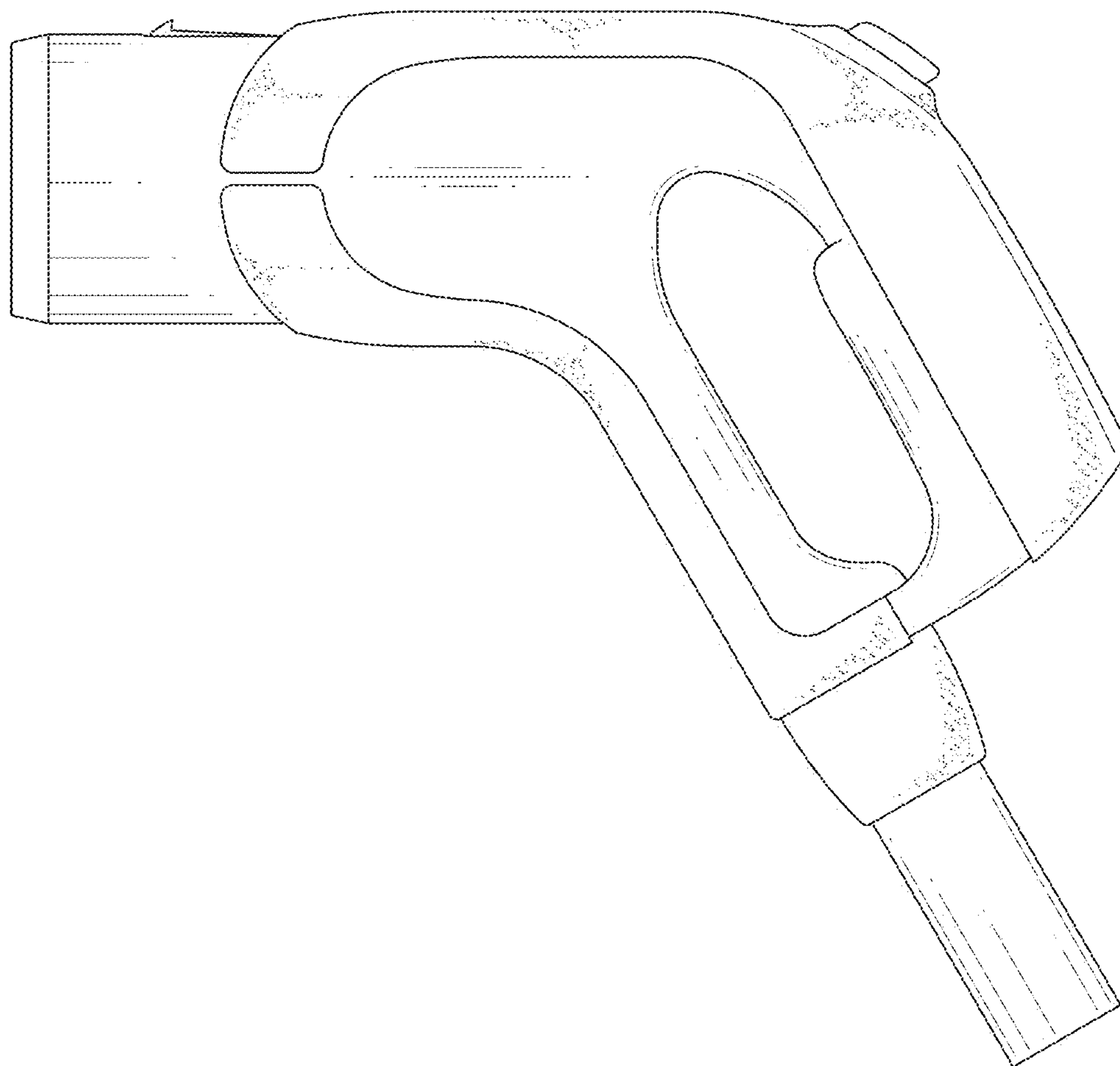


FIG. 6

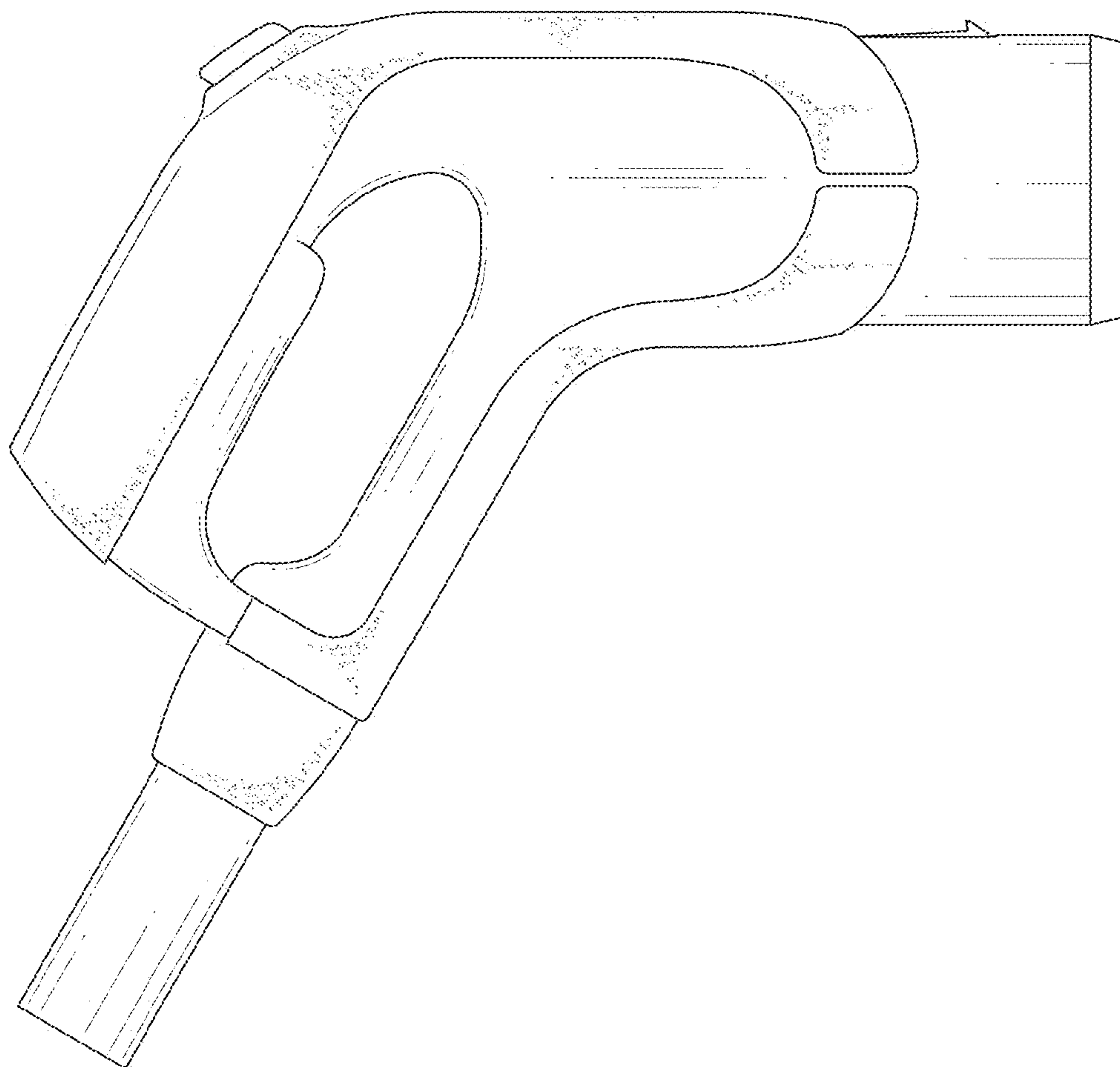


FIG. 7

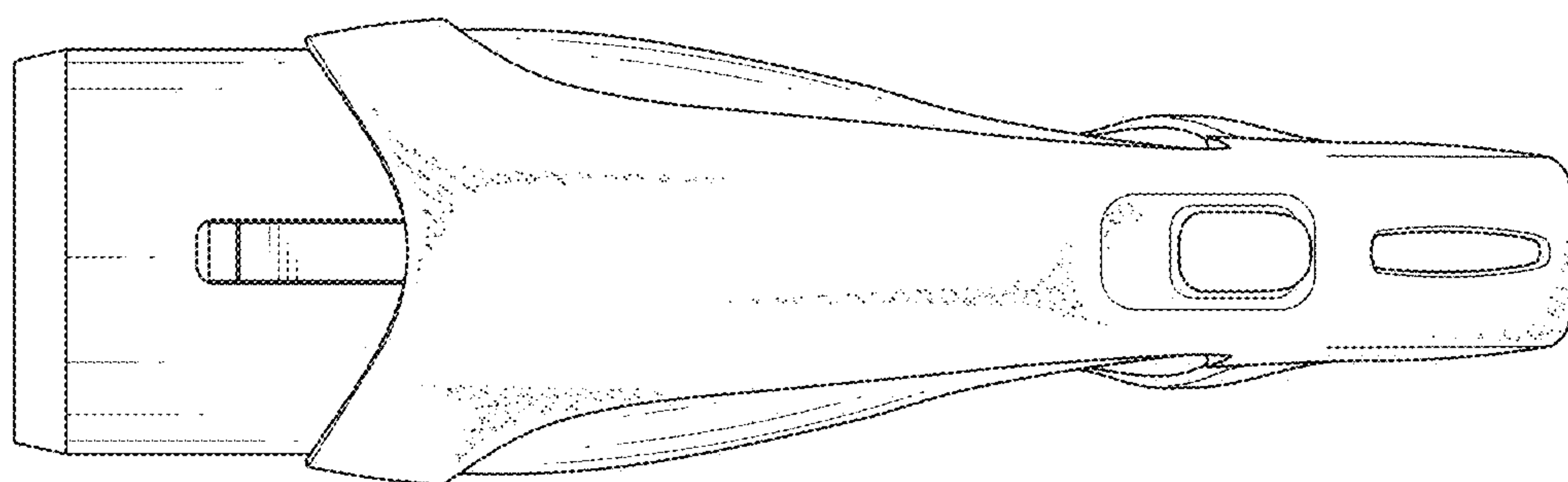


FIG. 8

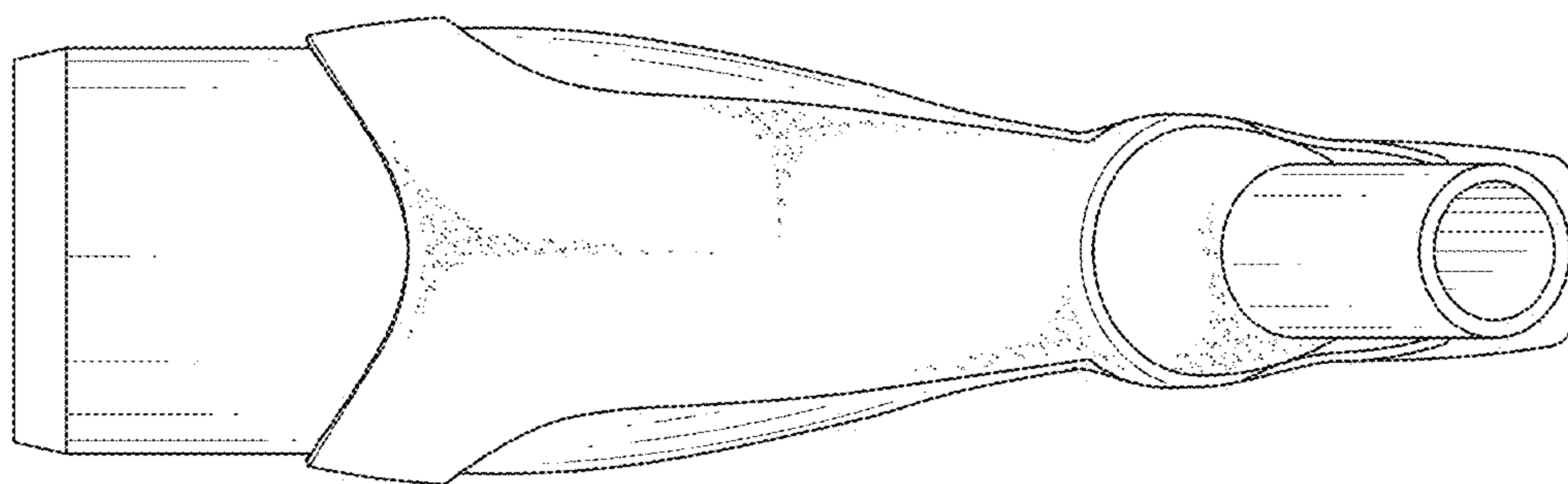


FIG. 9

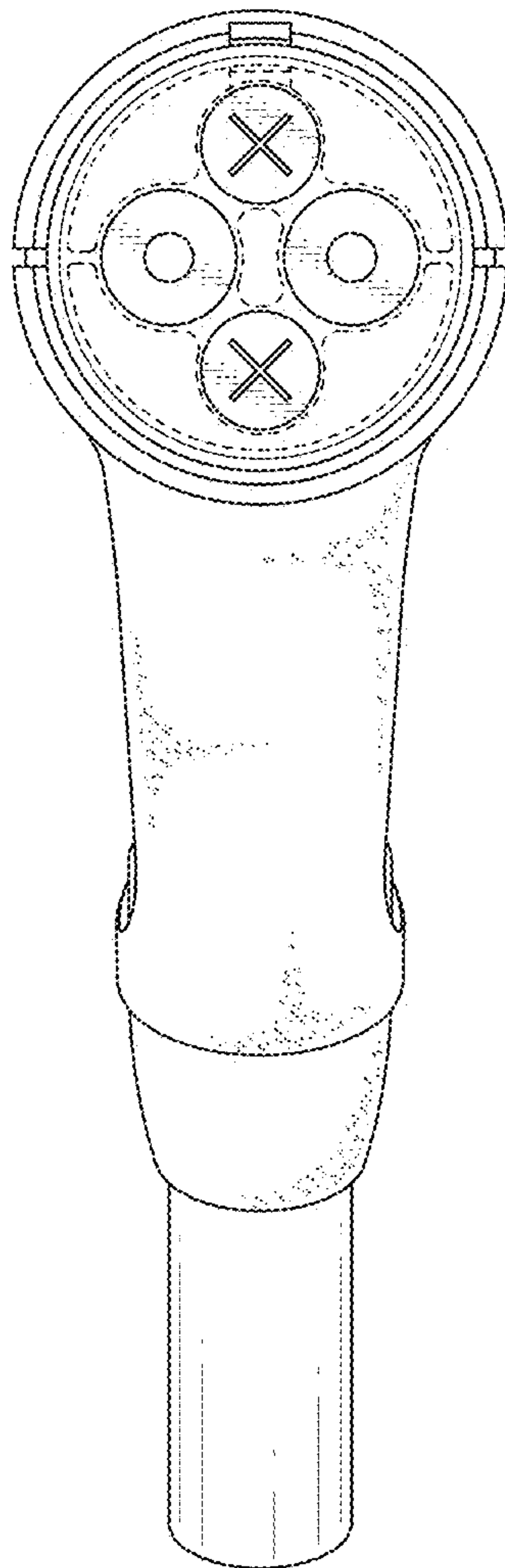


FIG. 10

