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(12) **United States Design Patent**  
**Yamamoto**

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(45) **Date of Patent:** **\*\* Sep. 18, 2012**

(54) **CHARGE COUPLER**

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(73) Assignee: **Yazaki Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/388,670**

(22) Filed: **Mar. 31, 2011**

(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/146; D13/133**

(58) **Field of Classification Search** ..... D13/107-109,  
D13/118-119, 133, 146, 147, 154, 184, 199;  
D23/226; 320/104, 107-115, FOR. 104,  
320/FOR. 119, DIG. 35

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,350,312 A \* 9/1994 Kuno et al. .... 439/310  
D390,827 S \* 2/1998 Sekimori et al. .... D13/146  
D636,334 S \* 4/2011 Kato et al. .... D13/119

8,016,607 B2 \* 9/2011 Brown, II ..... 439/353  
D655,242 S \* 3/2012 Holthusen ..... D13/107  
2011/0145141 A1\* 6/2011 Blain ..... 705/39

\* cited by examiner

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(57) **CLAIM**

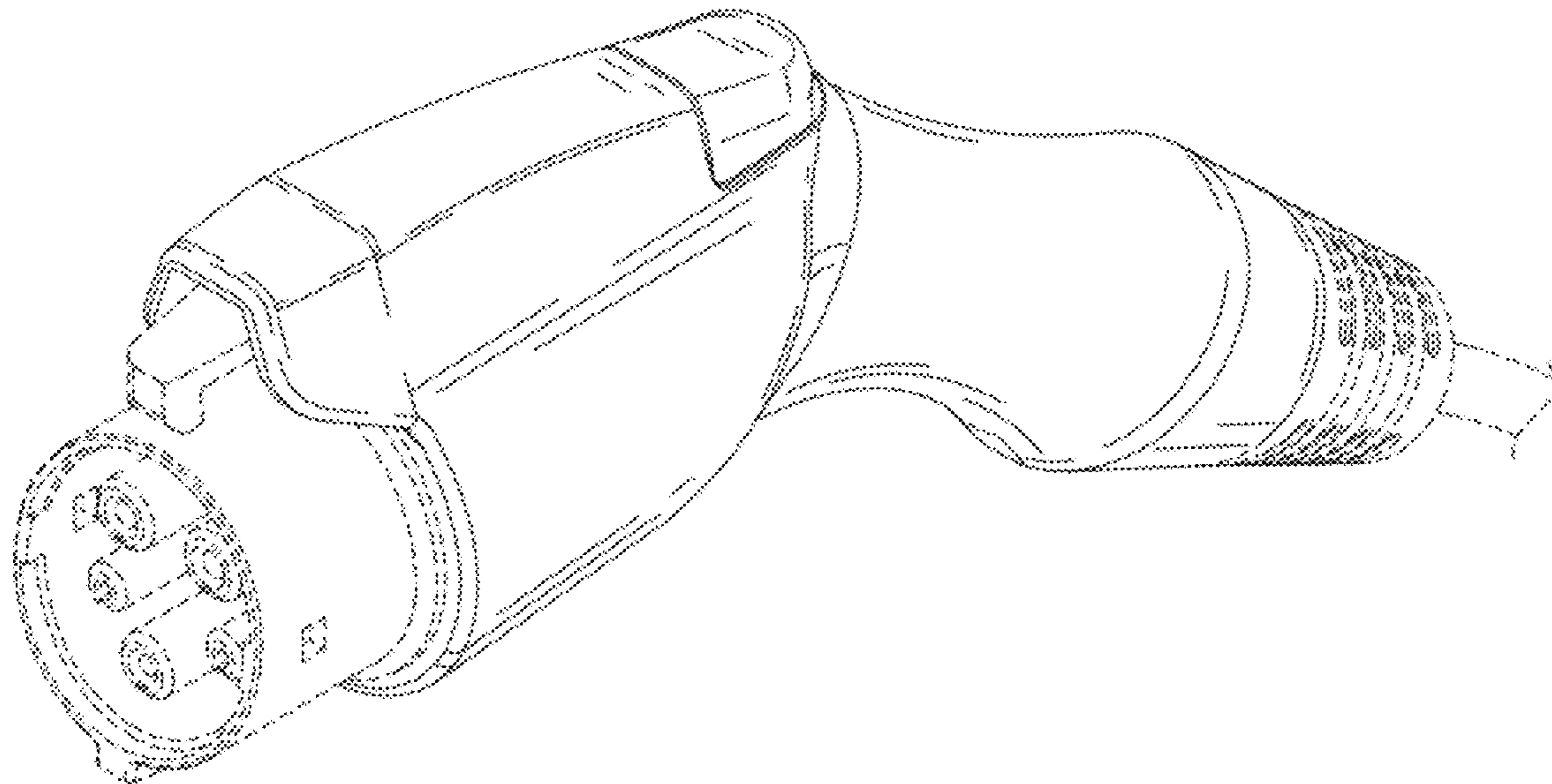
The ornamental design for a charge coupler, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and side perspective view of a charge coupler showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a first side view thereof;  
FIG. 7 is a second side view thereof; and,  
FIG. 8 is a partial sectional view thereof taken along line 8-8 in FIG. 2.

The broken line portion of the figure drawings is included for the purpose of illustrating environment and forms no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



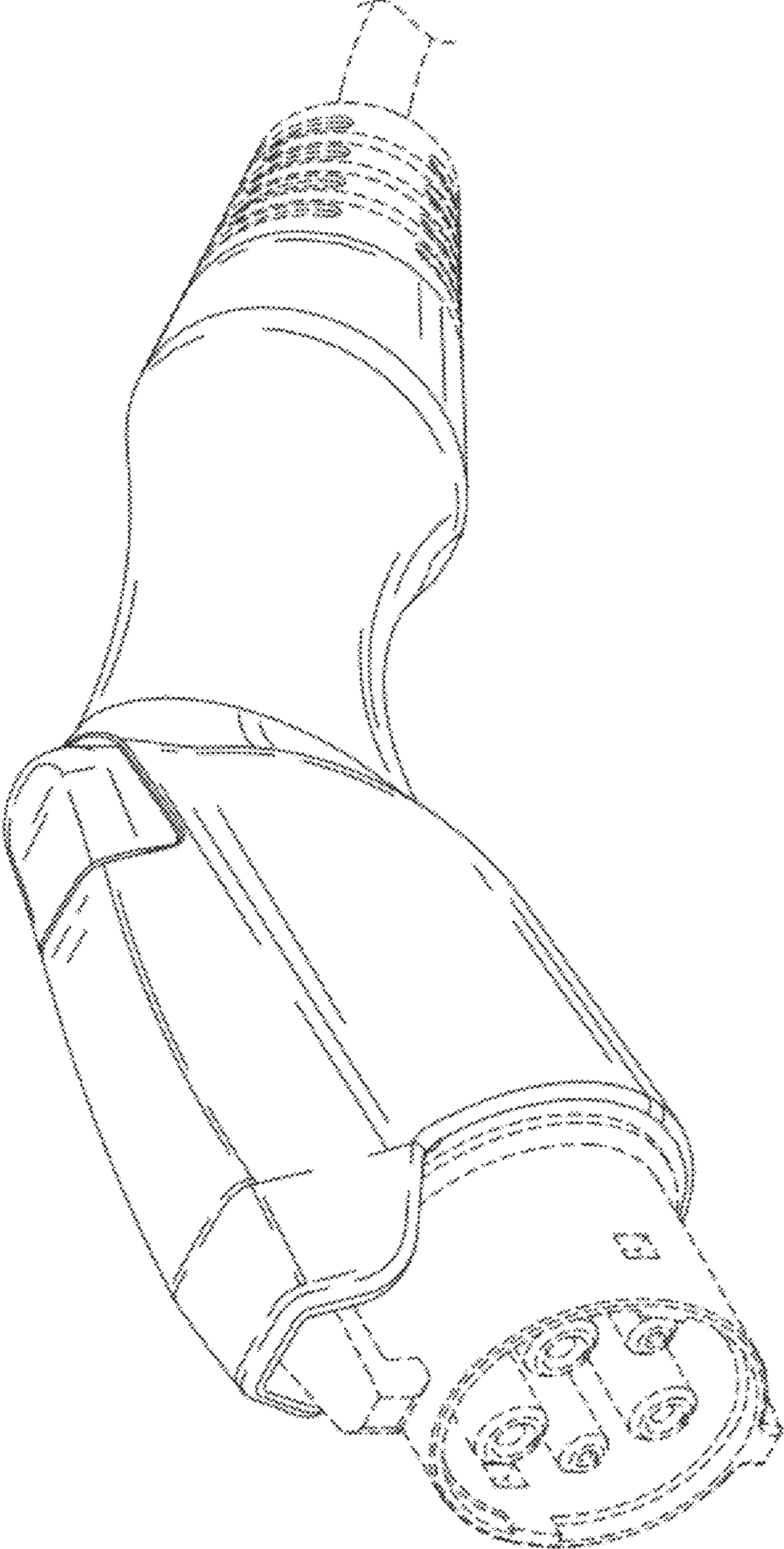


Fig-1

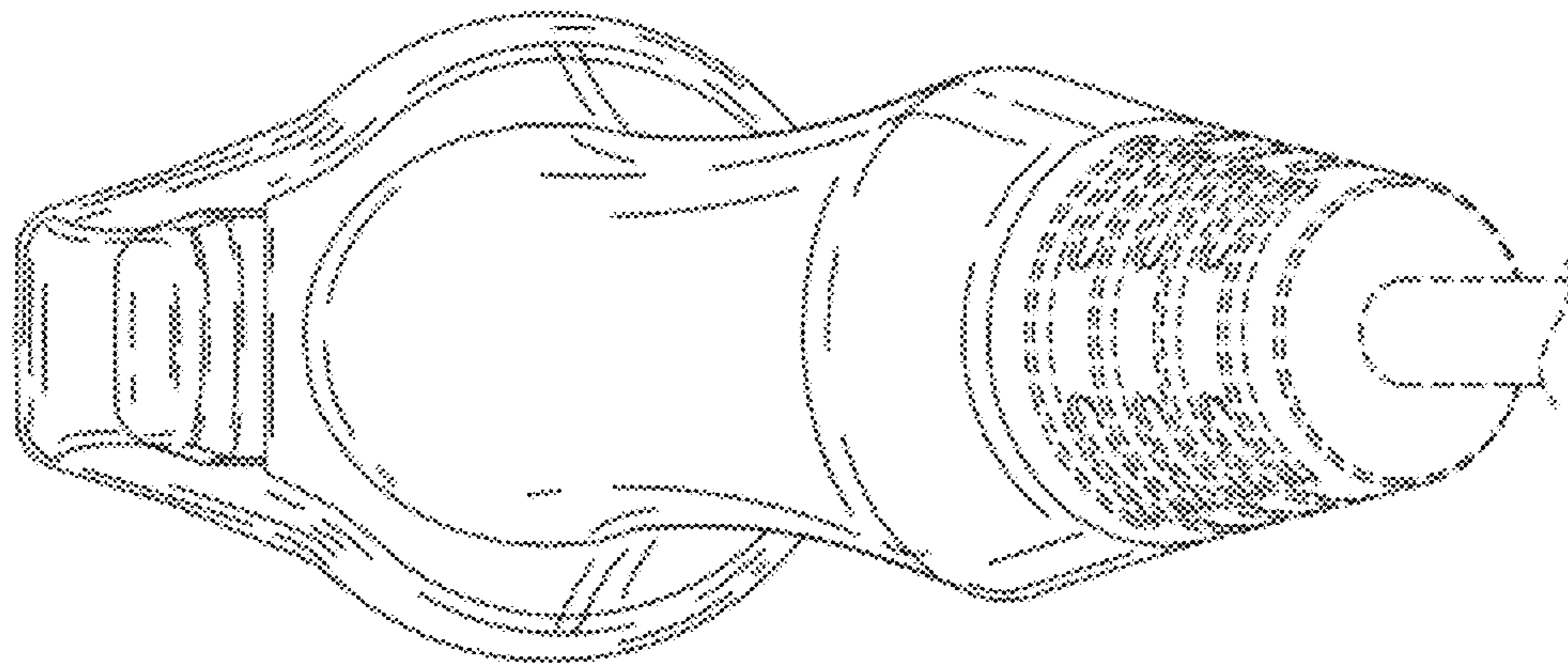


Fig-3

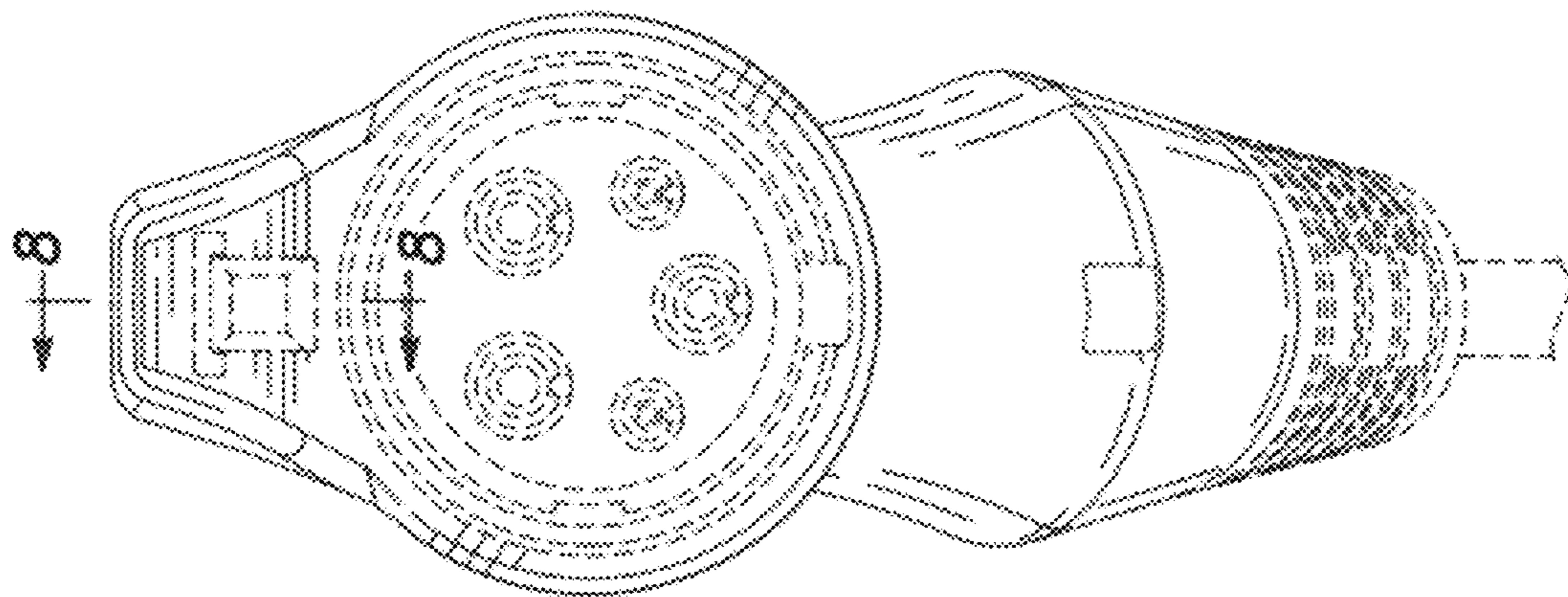


Fig-2

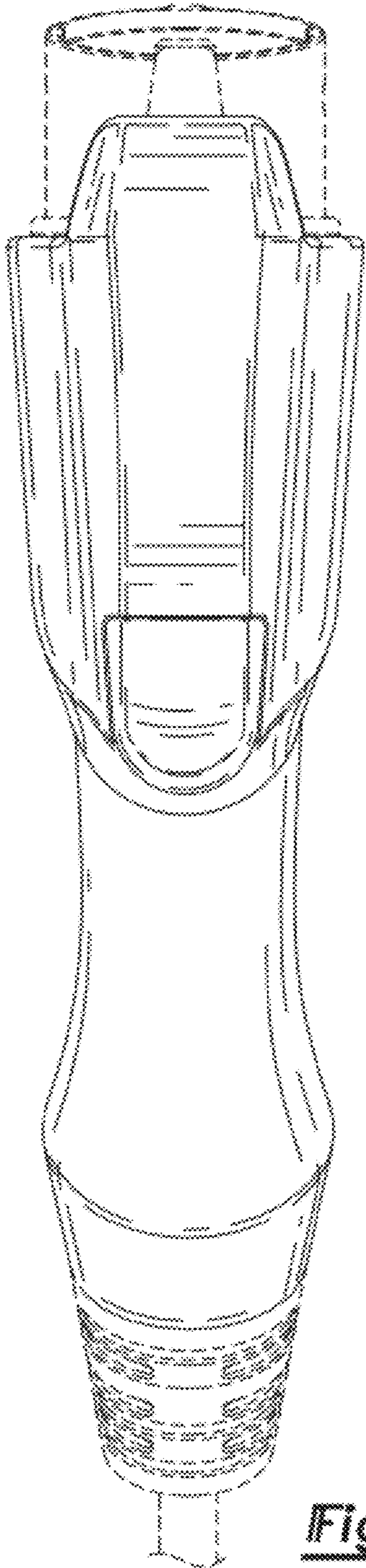


Fig-4

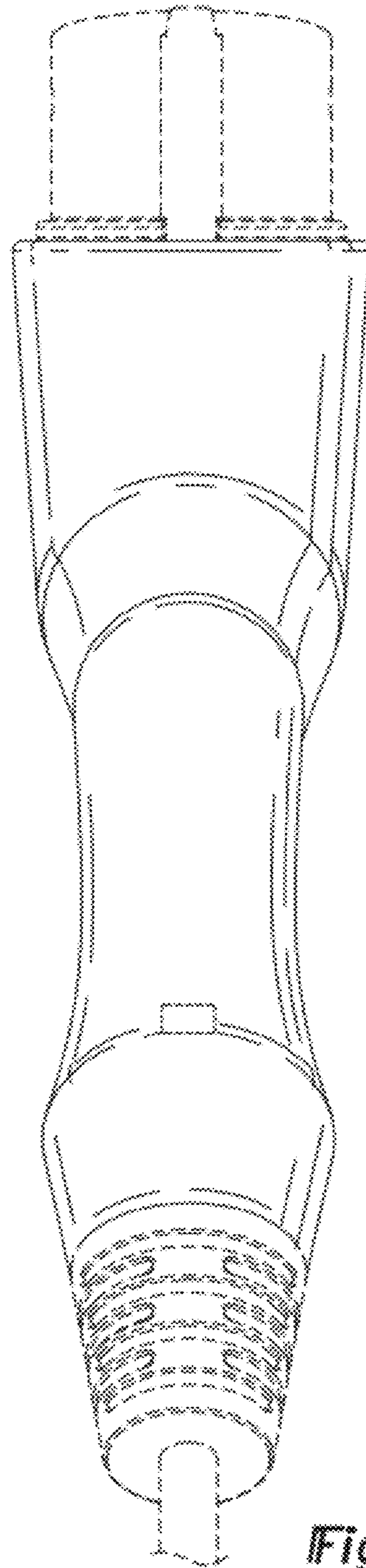


Fig-5

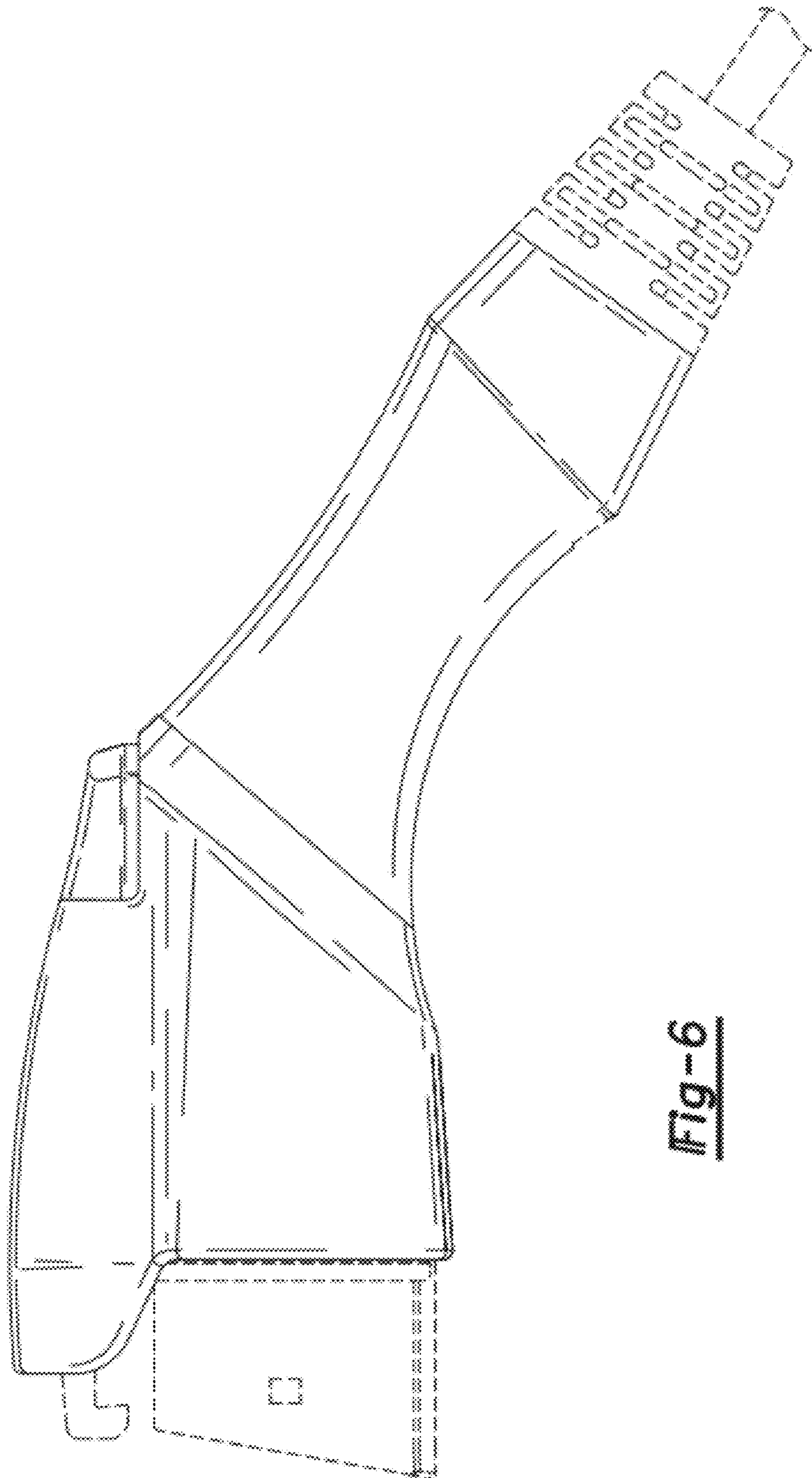
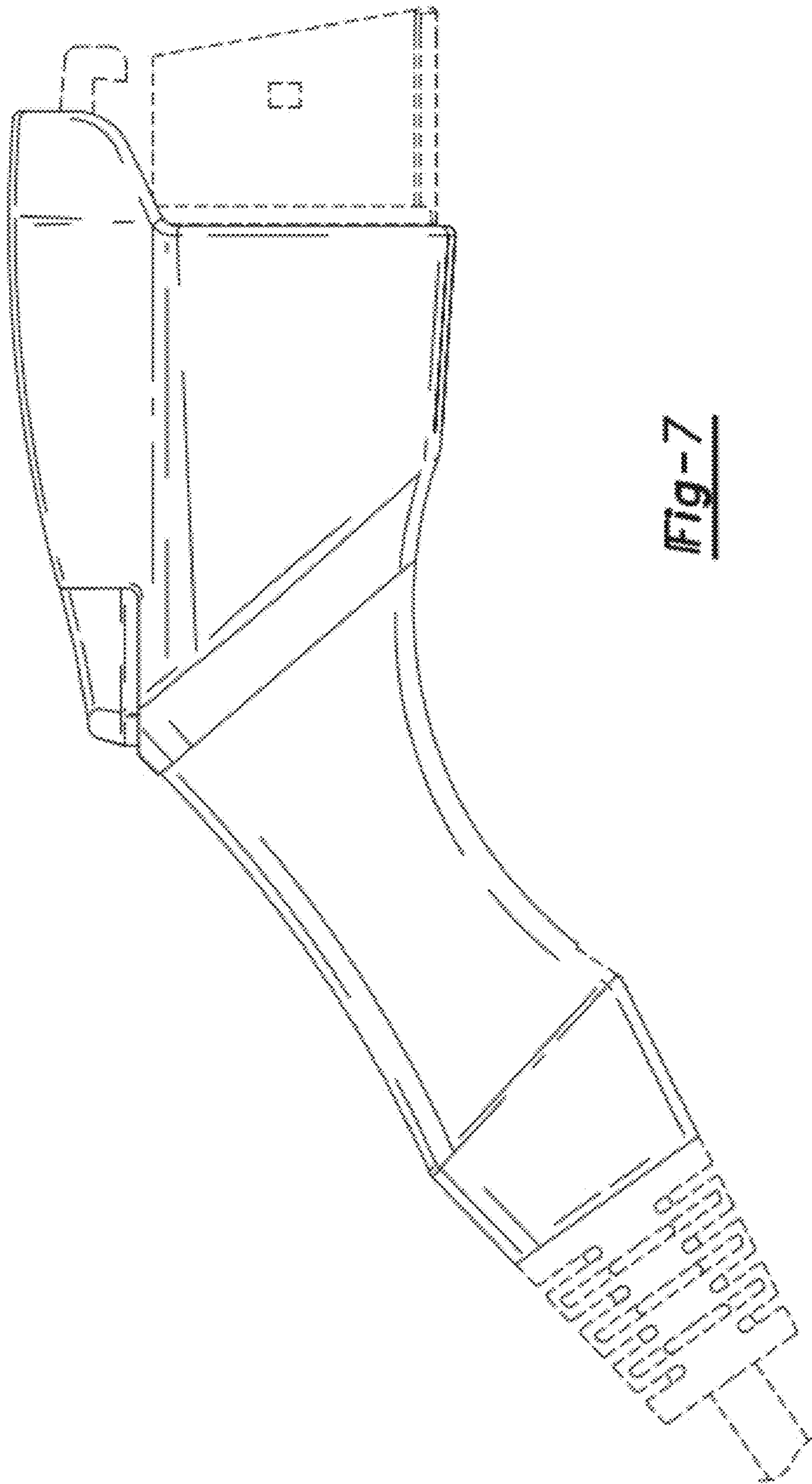


Fig--6



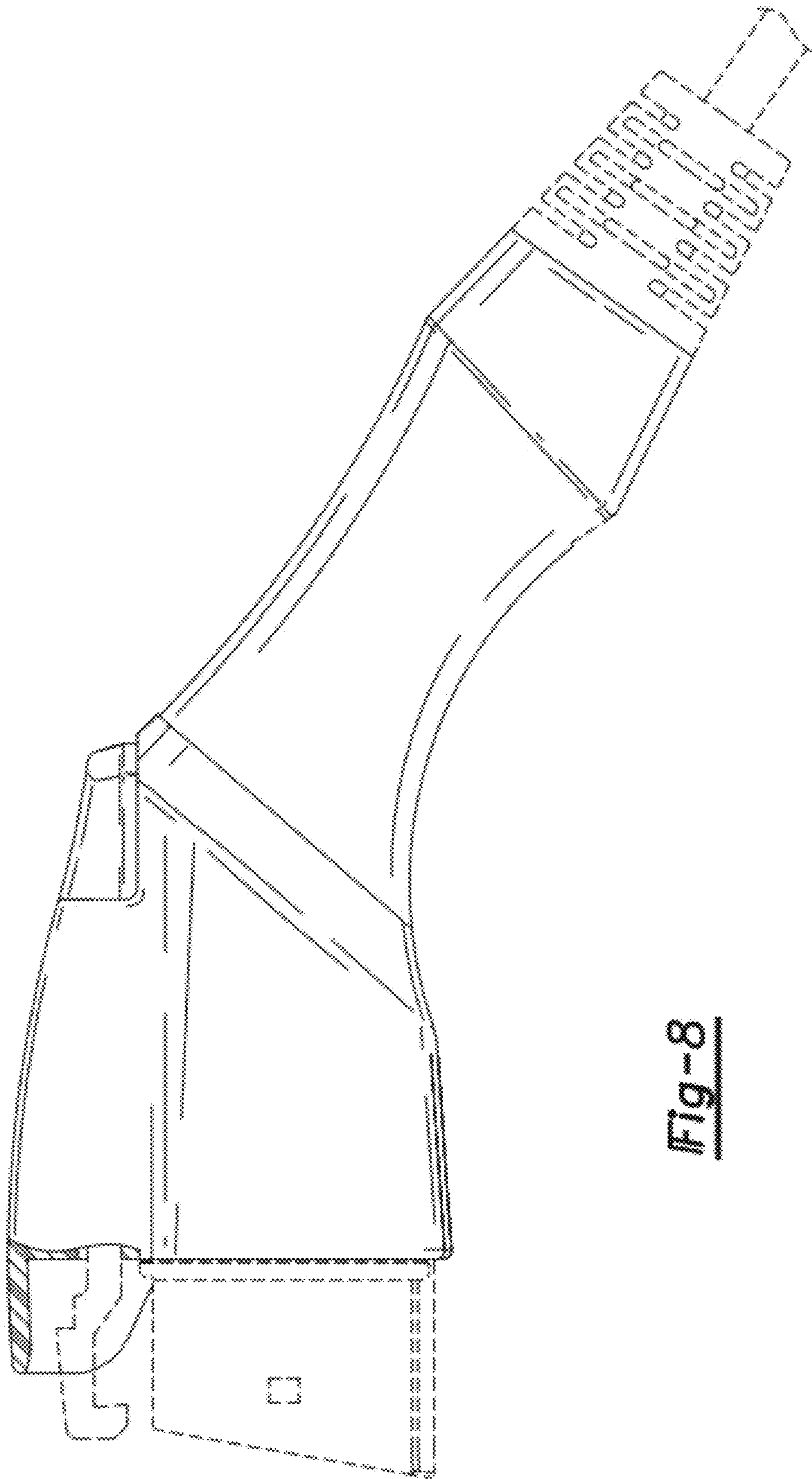


Fig-8