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

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(54) **BATTERY CHARGER**

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

(21) Appl. No.: **29/632,426**

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(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/107**

(58) **Field of Classification Search**
USPC D13/107-110, 118-119, 184, 199;
D14/251, 253, 432, 434
CPC Y02E 60/12; Y02T 90/14; Y02T 90/122;
Y02T 90/128; Y02T 90/163; H02J 7/025;
H02J 7/0042; H02J 7/0044; H02J 7/0045;
H02J 7/0003; H01F 38/14; H01M 2/1022;
H01M 2/1055; H01M 10/44; H01M 10/46;
H01M 10/425; B60L 11/182
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,019,767 A * 5/1991 Shirai H01M 2/105
224/902
D575,225 S * 8/2008 Ahlgren D13/107

D581,356 S * 11/2008 Ahlgren D13/107
D617,267 S * 6/2010 Li D13/107
D662,879 S * 7/2012 Steinbuchel, IV D13/107
D680,065 S * 4/2013 Shibamura D13/107
D693,295 S * 11/2013 Inskeep D13/107
D693,762 S * 11/2013 Inskeep D13/107
D780,725 S * 3/2017 Kim D13/110
D786,192 S * 5/2017 Liu D13/107
D788,032 S * 5/2017 Yang D13/107
D791,698 S * 7/2017 Kim D13/108
D793,955 S * 8/2017 Yang D13/107
D795,802 S * 8/2017 Inagaki D13/107
D816,024 S * 4/2018 Yang D13/107
D817,873 S * 5/2018 Inskeep D13/107

* cited by examiner

Primary Examiner — Rosemary K Tarcza

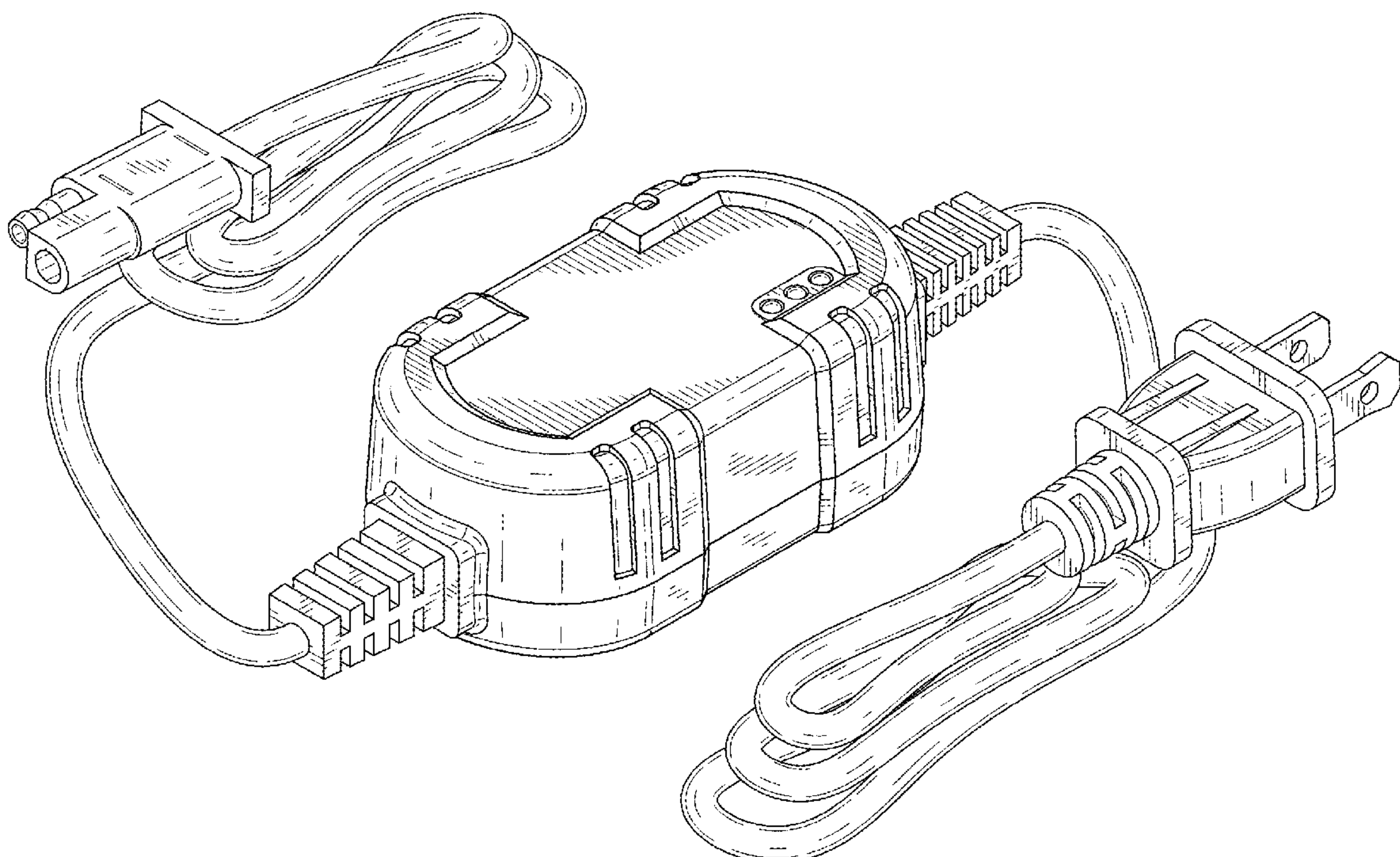
(57) **CLAIM**

The ornamental design for a battery charger, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the battery charger showing my new design.
FIG. 2 is a bottom perspective view thereof.
FIG. 3 is a front view thereof.
FIG. 4 is a back view thereof.
FIG. 5 is a top view thereof.
FIG. 6 is a bottom view thereof.
FIG. 7 is a left side view thereof; and,
FIG. 8 is a right side view thereof.

1 Claim, 8 Drawing Sheets



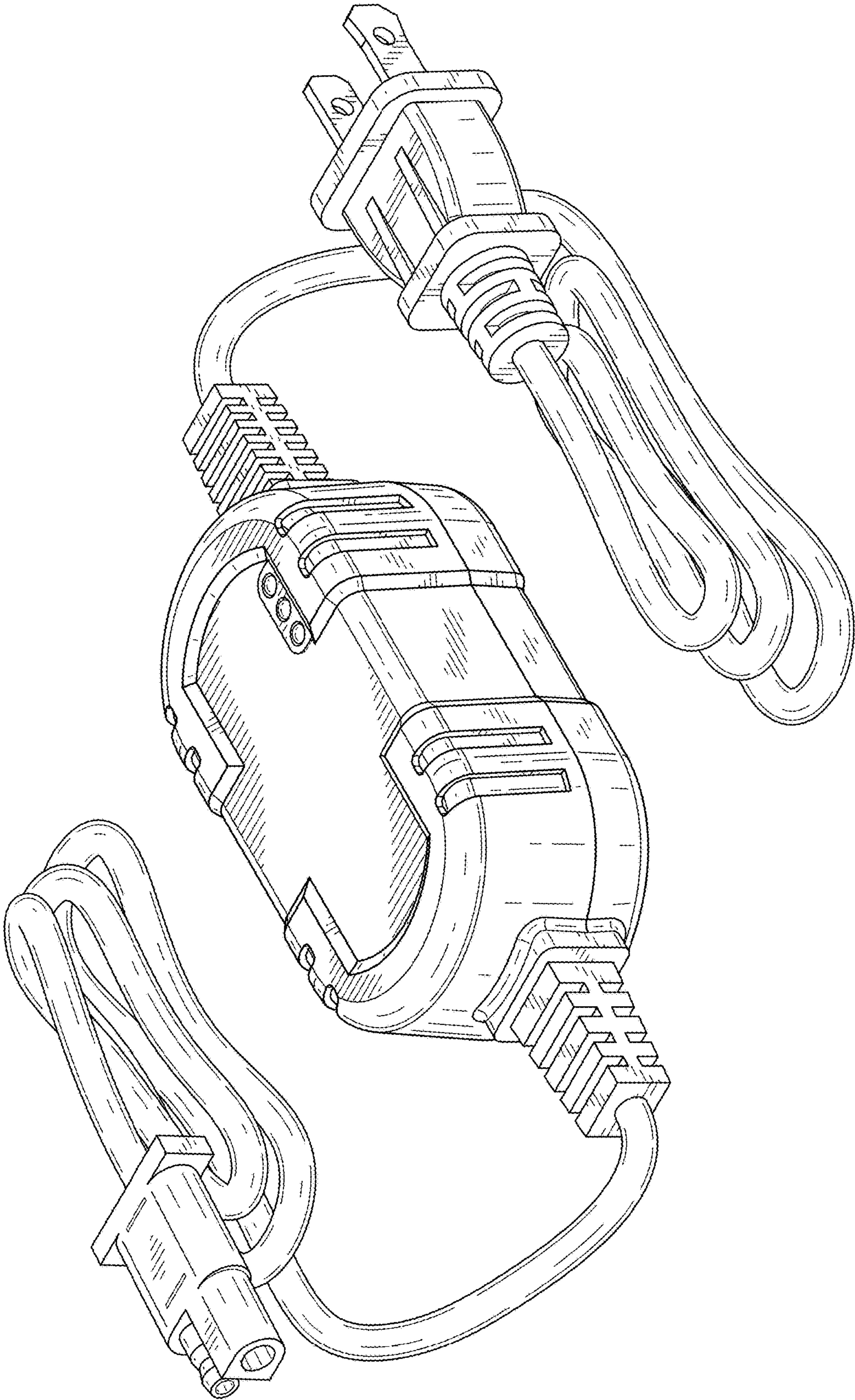


FIG. 1

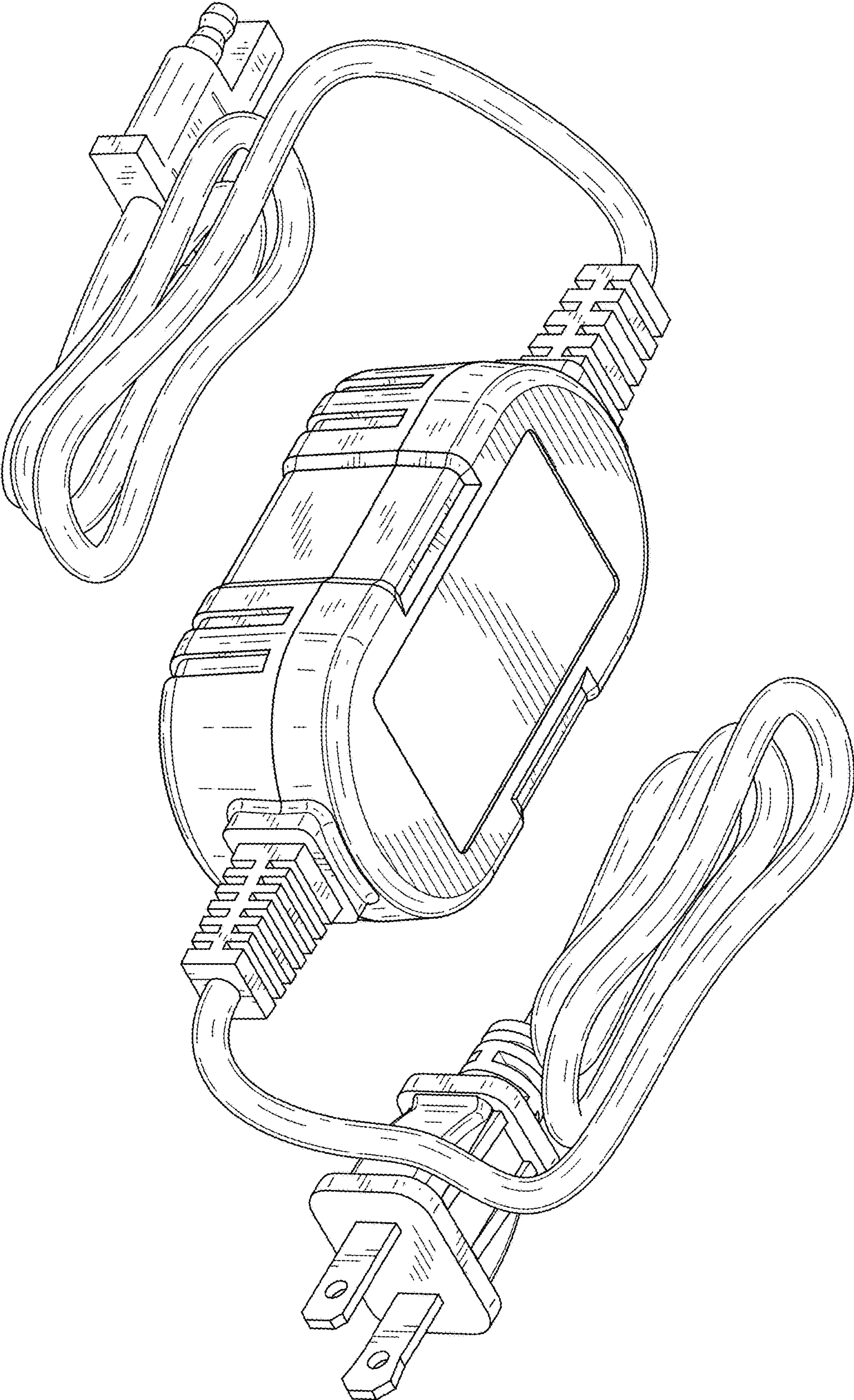


FIG. 2

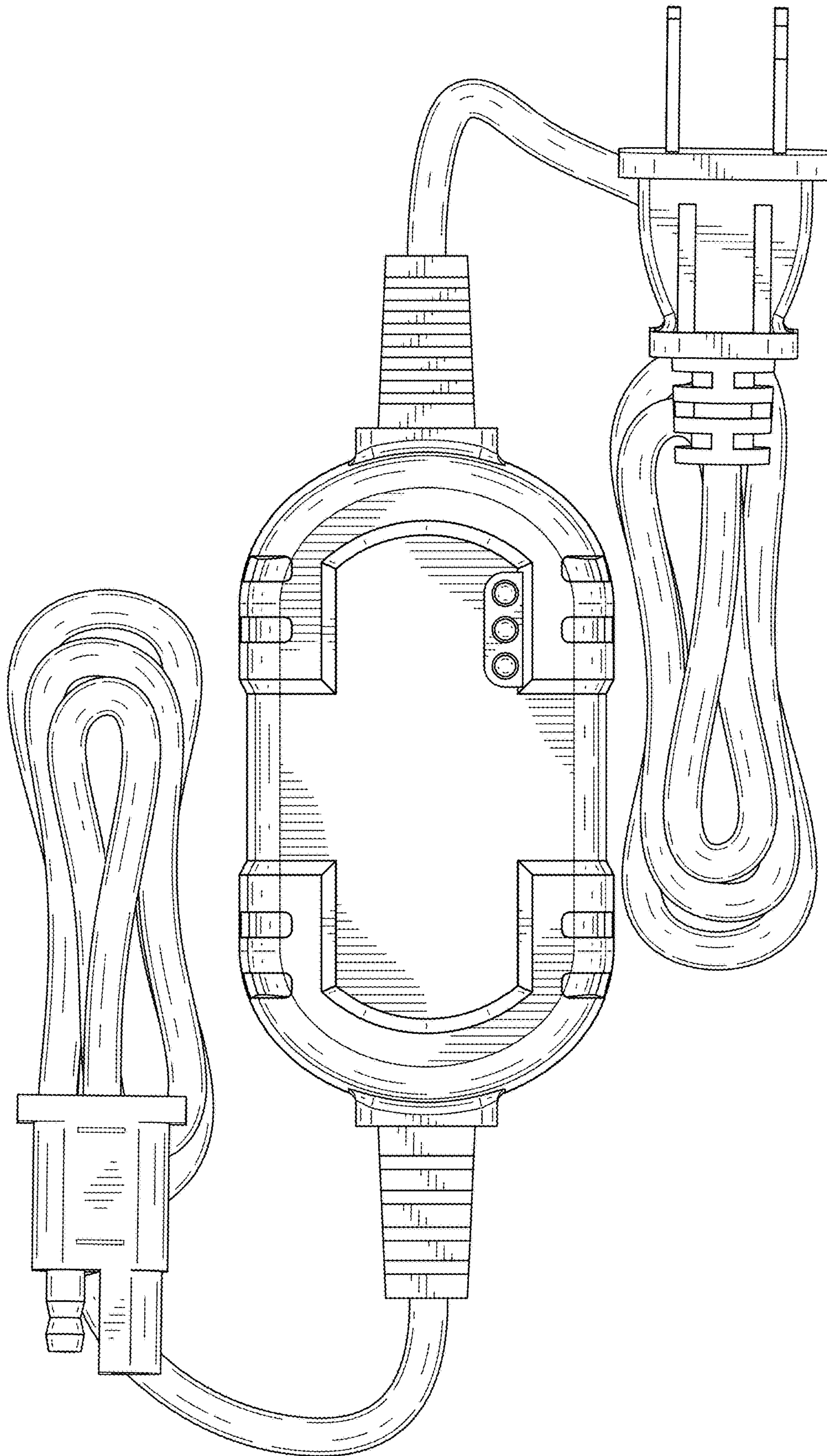


FIG. 3

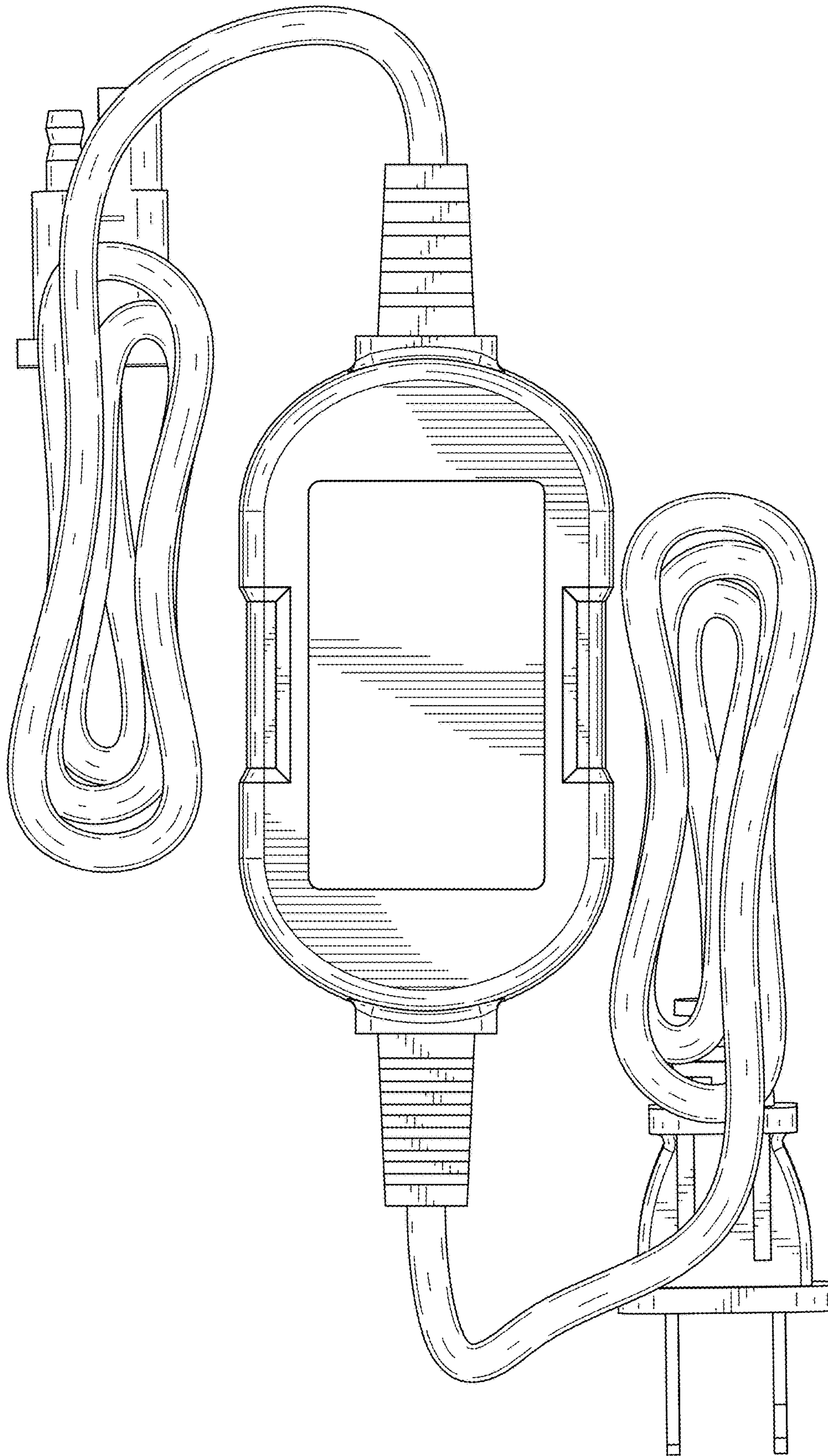


FIG. 4

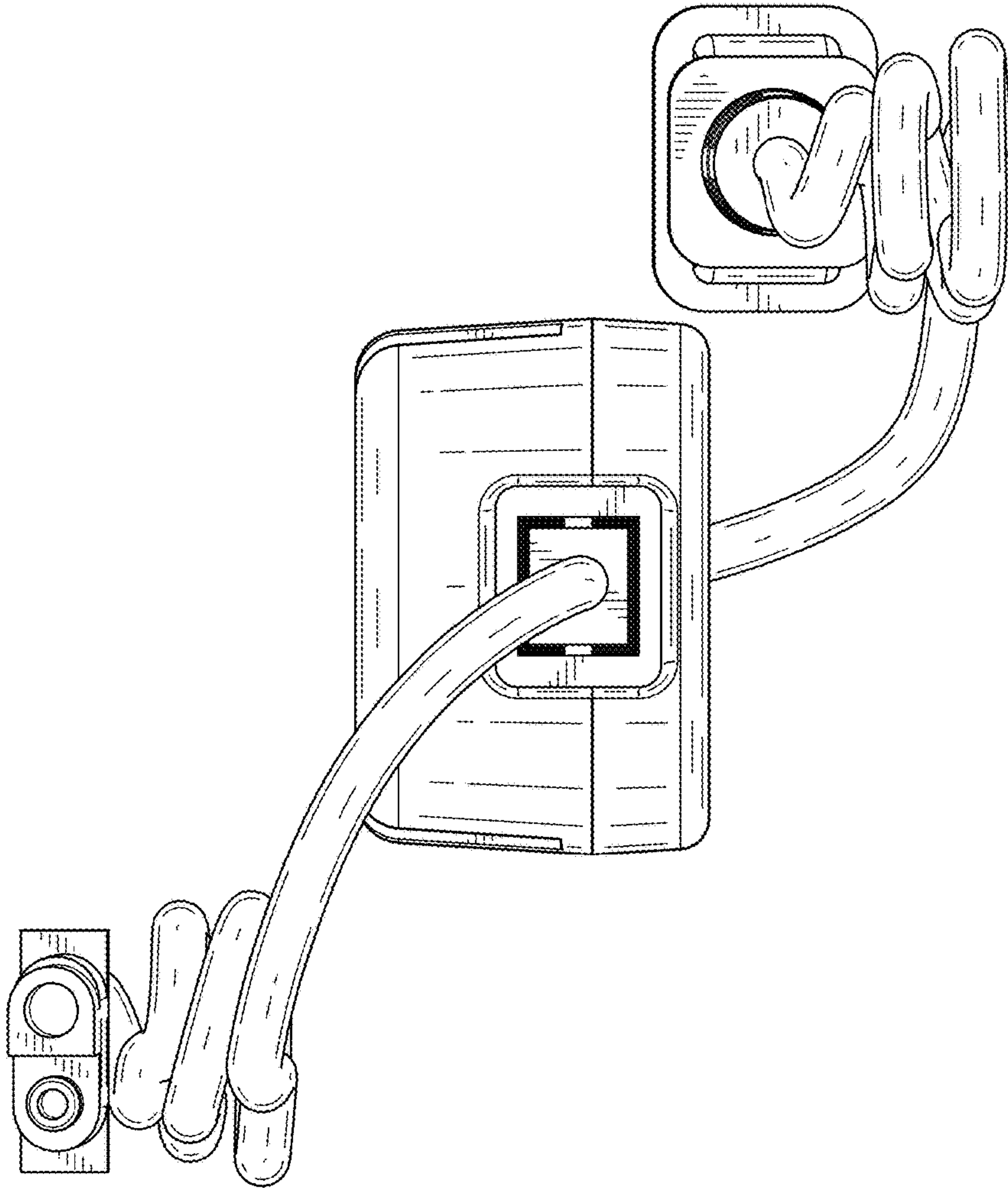


FIG. 5

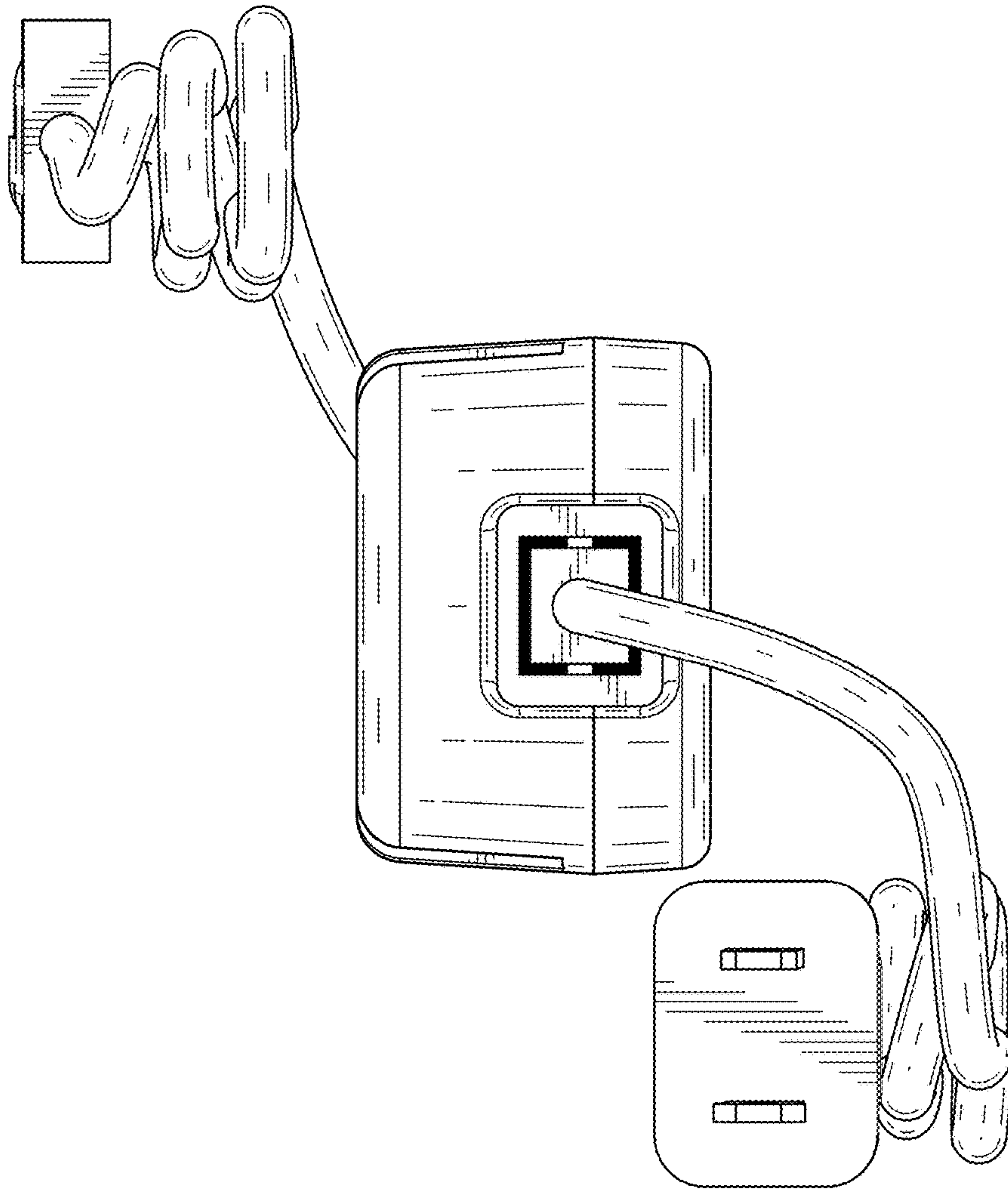


FIG. 6

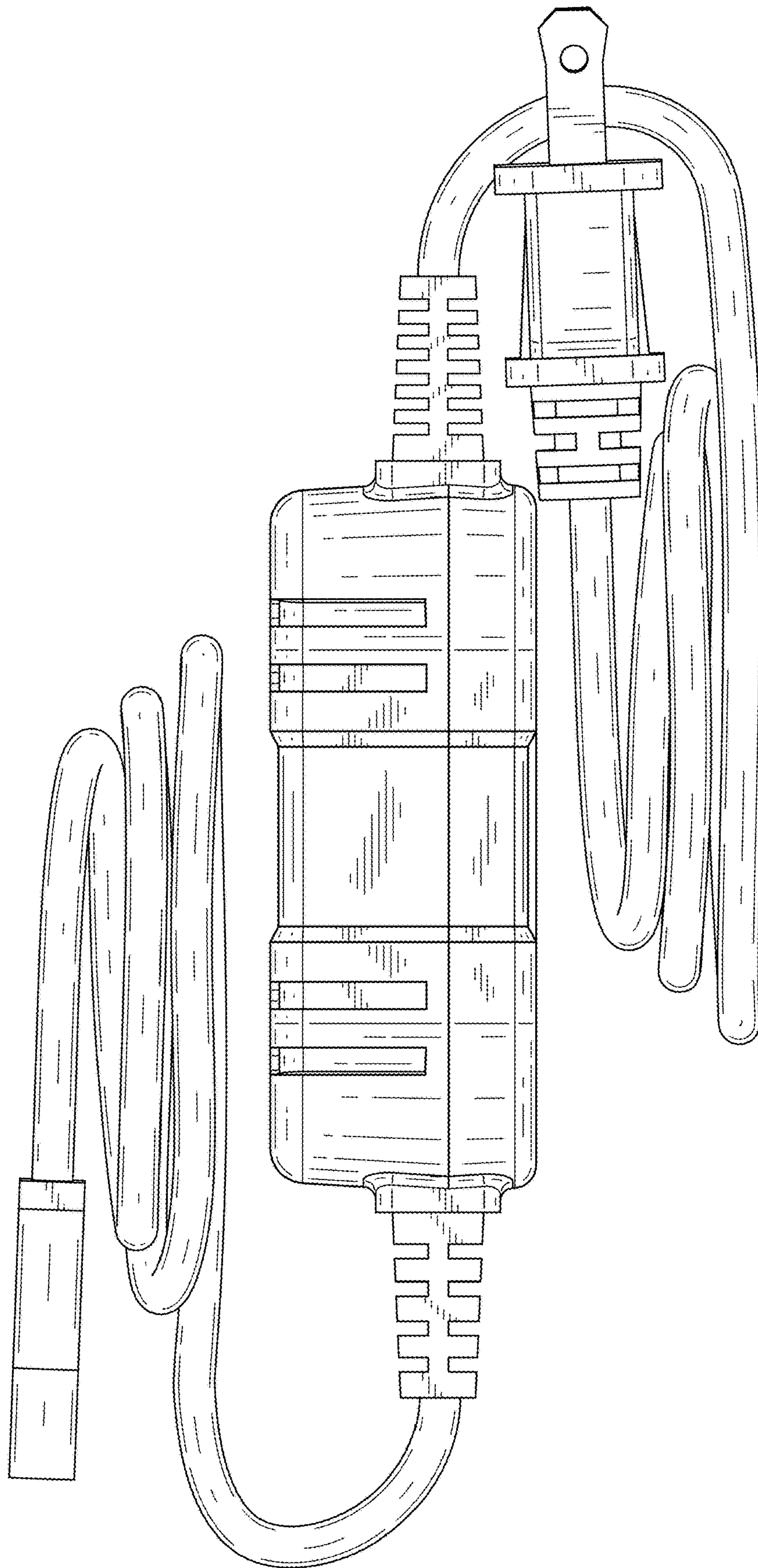


FIG. 7

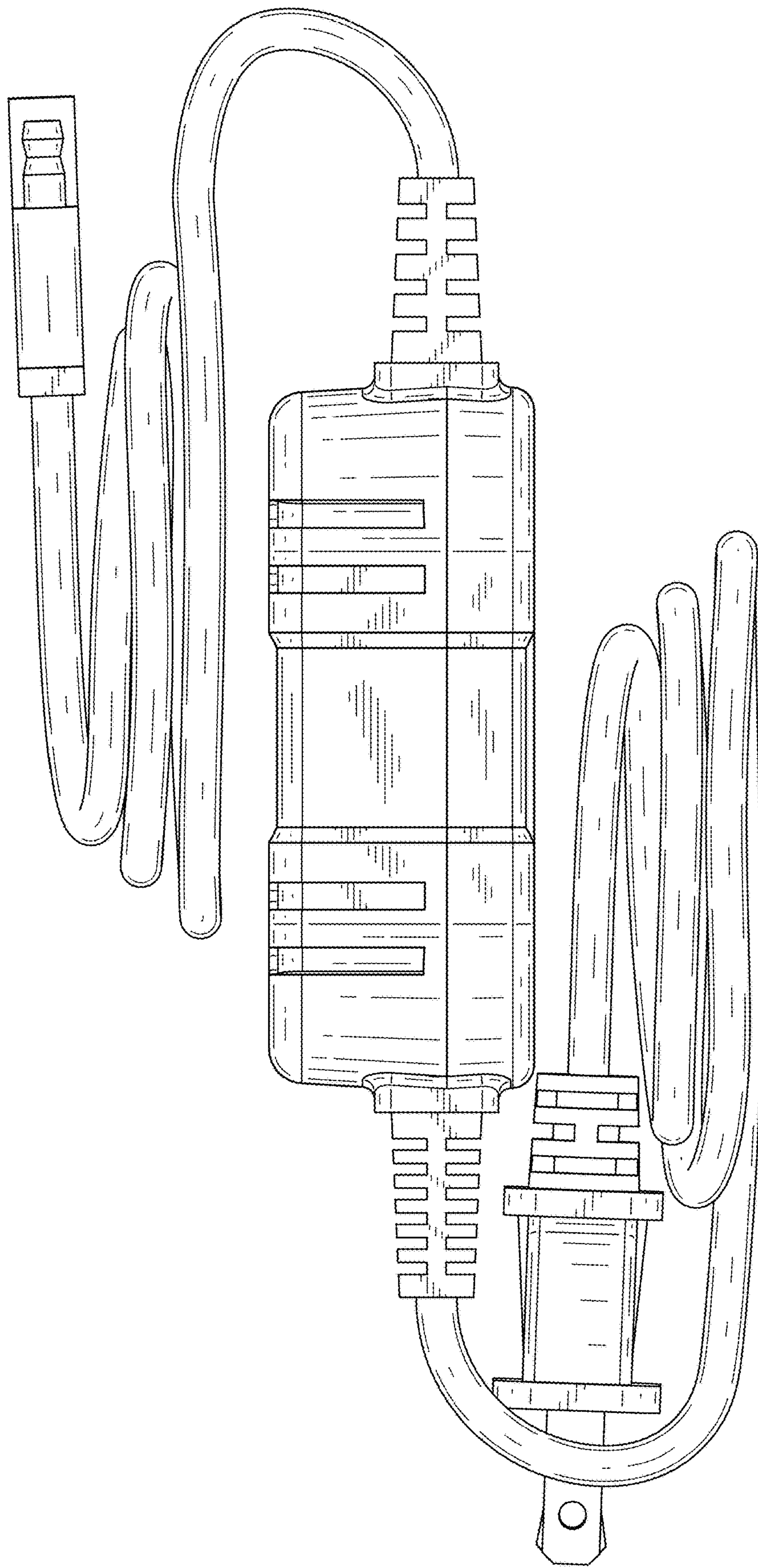


FIG. 8