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Cumming et al.

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(54) **ELECTRIC VEHICLE CHARGING STATION**

FOREIGN PATENT DOCUMENTS

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CH	133540 A	6/1929
WO	D226292-002	* 7/2022
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OTHER PUBLICATIONS

Chargepoint is Leading the Way on EV Charging, dated Nov. 17, 2021, [online], [site visited Jun. 17, 2023]. Available from Internet, URL: <https://www.thewesternway.org/tww-blog/2021/11/17/chargepoint> (Year: 2021).*

(Continued)

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(*) Notice: This patent is subject to a terminal disclaimer.

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

(57) **CLAIM**

(21) Appl. No.: **29/825,327**

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

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(51) **LOC (14) Cl.** **13-02**

(52) **U.S. Cl.**

USPC **D13/107**

(58) **Field of Classification Search**

USPC D13/101, 103, 107, 108, 118, 119, 184;
D14/144, 251, 253, 307, 432, 434, 447
CPC H04M 1/04; G06F 1/1632; A45F 5/00;
B06L 11/1809; H02J 7/0044; H02J 7/02;
H02J 7/0045; H02J 7/00714; H02J 50/40;
H02J 50/005; H02J 50/10; H02J 50/402;
H02B 1/50

See application file for complete search history.

DESCRIPTION

FIG. 1 shows a front perspective view of an electric vehicle charging station showing the claimed design;
FIG. 2 shows a front view thereof;
FIG. 3 shows a back view thereof;
FIG. 4 shows a right view thereof;
FIG. 5 shows a left view thereof;
FIG. 6 shows a top view thereof;
FIG. 7 shows a bottom view thereof; and,
FIG. 8 shows a rear perspective view thereof.
The broken lines illustrate environmental structure and/or portions of the electric vehicle charging station that form no part of the claimed design.

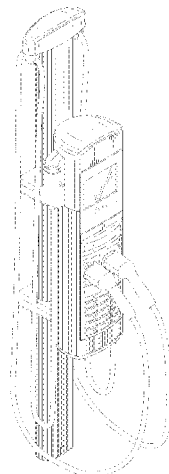
(56) **References Cited**

U.S. PATENT DOCUMENTS

3,418,552 A 12/1968 Holmes
D237,718 S 11/1975 Bozich

(Continued)

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,158,102 A 6/1979 Bright
 D270,831 S 10/1983 Jensen
 D290,599 S 6/1987 Wyatt
 D299,821 S 2/1989 Dively
 D314,182 S 1/1991 Moerman
 D354,739 S 1/1995 Durham et al.
 5,461,299 A 10/1995 Bruni
 D371,111 S 6/1996 Jones et al.
 D434,001 S 11/2000 Sayger
 6,459,234 B2 10/2002 Kajjura
 D486,484 S * 2/2004 Bloomberg D14/138
 D517,011 S 3/2006 Burke
 D534,869 S 1/2007 Stekelenburg
 D597,937 S 8/2009 Haw et al.
 D601,495 S 10/2009 Shum et al.
 D601,496 S 10/2009 Shum et al.
 D608,731 S 1/2010 Amit
 D613,683 S 4/2010 Baxter et al.
 D618,168 S 6/2010 Baxter et al.
 D626,063 S 10/2010 Cutter et al.
 D626,064 S 10/2010 Cutter et al.
 D626,065 S 10/2010 Cutter et al.
 D628,960 S 12/2010 Shimizu et al.
 D629,747 S 12/2010 Rajakaruna
 D635,510 S 4/2011 Inskeep
 D641,694 S 7/2011 Akahori et al.
 D642,521 S 8/2011 Markowitz
 D646,631 S 10/2011 Gotou et al.
 D647,053 S 10/2011 Gotou et al.
 D654,430 S 2/2012 Demers et al.
 D654,857 S 2/2012 Salazar et al.
 D654,858 S 2/2012 Salazar et al.
 D654,860 S 2/2012 Holthusen
 D659,090 S 5/2012 Deroo et al.
 D659,635 S 5/2012 Hou et al.
 D660,791 S 5/2012 Murata et al.
 D662,045 S 6/2012 Gotou et al.
 D664,086 S 7/2012 Chin-Ho et al.
 D664,087 S 7/2012 Chin-Ho et al.
 D664,088 S 7/2012 Chin-Ho et al.
 D664,089 S 7/2012 Chin-Ho et al.
 D664,500 S 7/2012 Degn
 D669,026 S 10/2012 Oda et al.
 D669,428 S 10/2012 Li et al.
 D671,068 S 11/2012 Gieniec
 D674,335 S 1/2013 Yamashita et al.
 D676,376 S 2/2013 Yamada et al.
 D683,306 S 5/2013 Lecoanet et al.
 D683,307 S 5/2013 Lecoanet et al.
 D683,308 S 5/2013 Lecoanet et al.
 D683,697 S 6/2013 Lecoanet et al.
 D688,199 S 8/2013 Behar et al.
 D698,309 S 1/2014 Moribe et al.
 D709,827 S 7/2014 Kang et al.
 D710,799 S 8/2014 Chin-Ho et al.
 D711,313 S 8/2014 Chin-Ho et al.
 D711,315 S 8/2014 Chin-Ho et al.
 D720,285 S 12/2014 Gilomen
 D730,821 S * 6/2015 Chin-Ho Kim D13/107
 D730,822 S * 6/2015 Chin-Ho Kim D13/107
 D731,414 S * 6/2015 Chin-Ho Kim D13/107

D833,387 S * 11/2018 Baxter D13/107
 2001/0003416 A1 6/2001 Kajjura
 2010/0013433 A1 1/2010 Baxter et al.
 2010/0013434 A1 1/2010 Taylor-Haw et al.
 2010/0320966 A1 12/2010 Baxter et al.
 2011/0037429 A1 2/2011 DeBoer et al.
 2011/0140656 A1 6/2011 Starr et al.
 2011/0145141 A1 6/2011 Blain
 2011/0169447 A1 7/2011 Brown et al.
 2011/0174875 A1 7/2011 Wurzer
 2011/0316479 A1 12/2011 Baxter et al.
 2013/0169227 A1 7/2013 Tremblay et al.
 2013/0181674 A1 7/2013 Tremblay et al.
 2013/0187599 A1 7/2013 Ranga et al.
 2013/0335021 A1 12/2013 Meier
 2014/0111158 A1 4/2014 Kinomura et al.
 2014/0117144 A1 5/2014 Kinomura et al.
 2014/0266017 A1 9/2014 Hamada et al.
 2022/0324343 A1 * 10/2022 Légaré B60L 53/18

OTHER PUBLICATIONS

Coshocton Installs EV Charging Stations, dated Sep. 19, 2022, [online], [site visited Jun. 17, 2023]. Available from Internet, URL: <https://www.coshoctontribune.com/story/news/local/coshocton-county/2022/09/19/coshocton-installs-ev-charging-stations/69492606007/> (Year: 2022).*

Chin Ho Kim et al., Design U.S. Appl. No. 29/450,166 for Dual Electric Vehicle Charging Station, filed Mar. 15, 2013, 9 pages.

Chin Ho Kim et al., Design U.S. Appl. No. 29/450,162 for Dual Electric Vehicle Charging Station, filed Mar. 15, 2013, 9 pages.

Chin Ho Kim et al., Design U.S. Appl. No. 29/450,172 for Dual Electric Vehicle Charging Station, filed Mar. 15, 2013, 9 pages.

Chin Ho Kim et al., Design U.S. Appl. No. 29/450,176 for Dual Electric Vehicle Charging Station, filed Mar. 15, 2013, 9 pages.

Chin Ho Kim et al., Design U.S. Appl. No. 29/460,143 for Dual Electric Vehicle Charging Station, filed Jul. 8, 2013, 8 pages.

Chin Ho Kim et al., Design U.S. Appl. No. for Dual Electric Vehicle Charging Station, filed Jul. 8, 2013, U.S. Appl. No. 29/460,142, 8 pages.

Elektrobay Technical Specifications, Elektromotive LTD., The Sussex Innovation Centre, United Kingdom, 2008, 1 page.

Notice of Allowance for U.S. Appl. No. 29/460,142, dated Jan. 3, 2014, 9 pages.

Notice of Allowance for U.S. Appl. No. 29/460,143, dated Dec. 24, 2013, 9 pages.

Notice of Allowance for U.S. Appl. No. 29/466,400, dated Nov. 6, 2013, 11 pages.

Notice of Allowance for U.S. Appl. No. 29/466,792, dated Dec. 19, 2013, 12 pages.

Notice of Allowance for U.S. Appl. No. 29/466,901, dated Nov. 6, 2013, 11 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,323, dated Aug. 25, 2023, 8 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,328, dated Aug. 25, 2023, 6 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,329, dated Aug. 25, 2023, 6 pages.

* cited by examiner

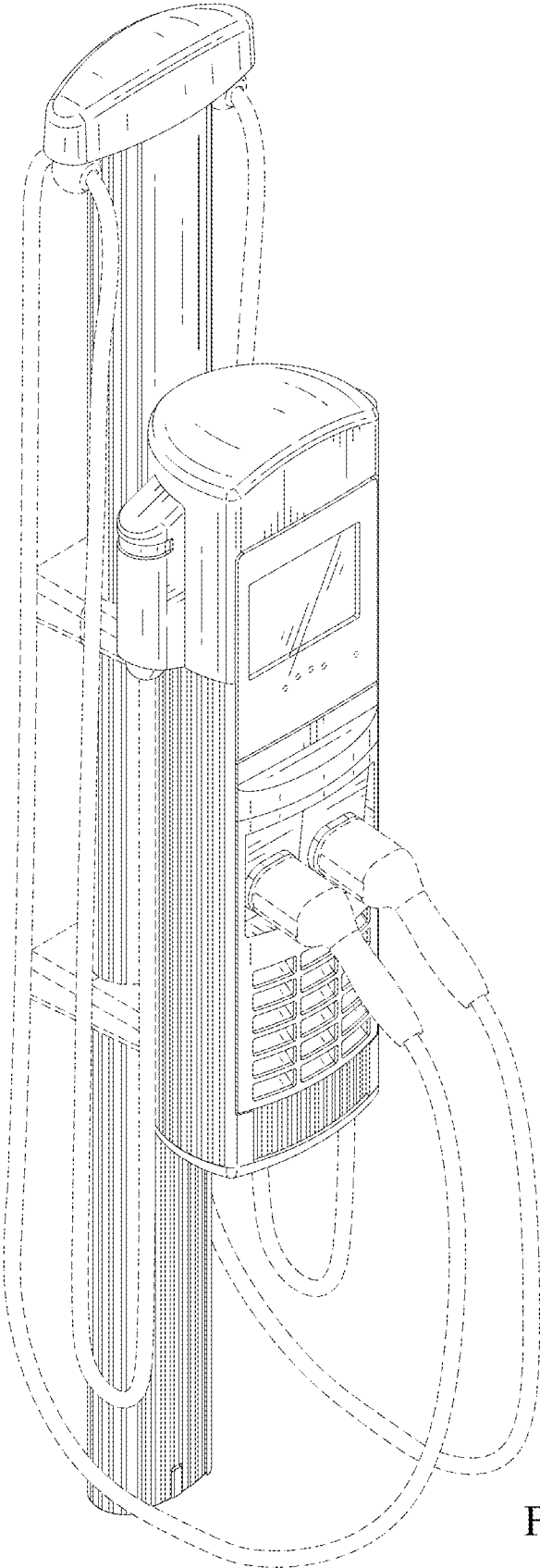


FIG. 1

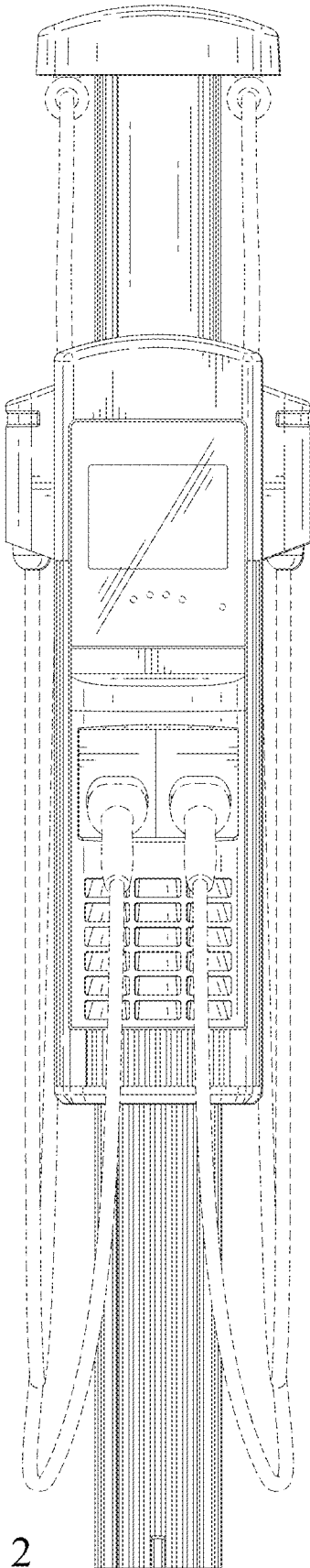


FIG. 2

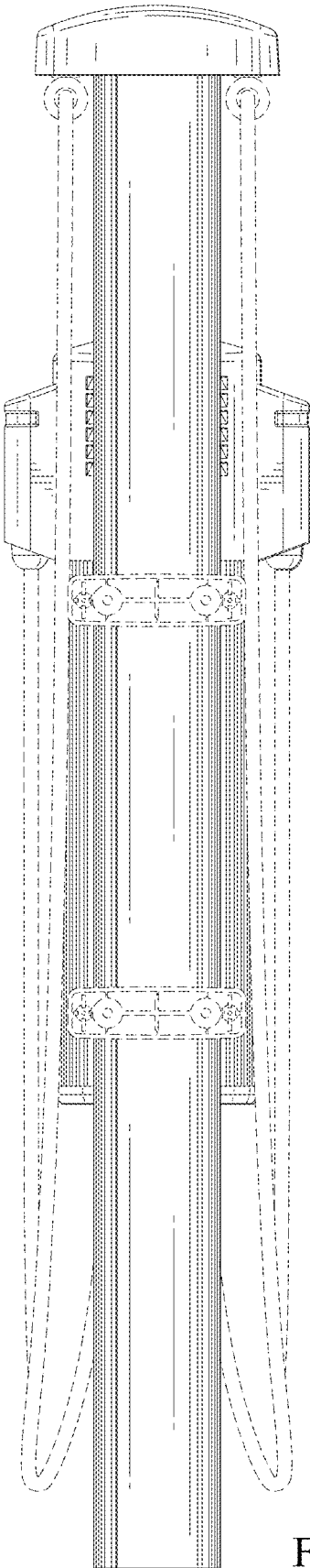


FIG. 3

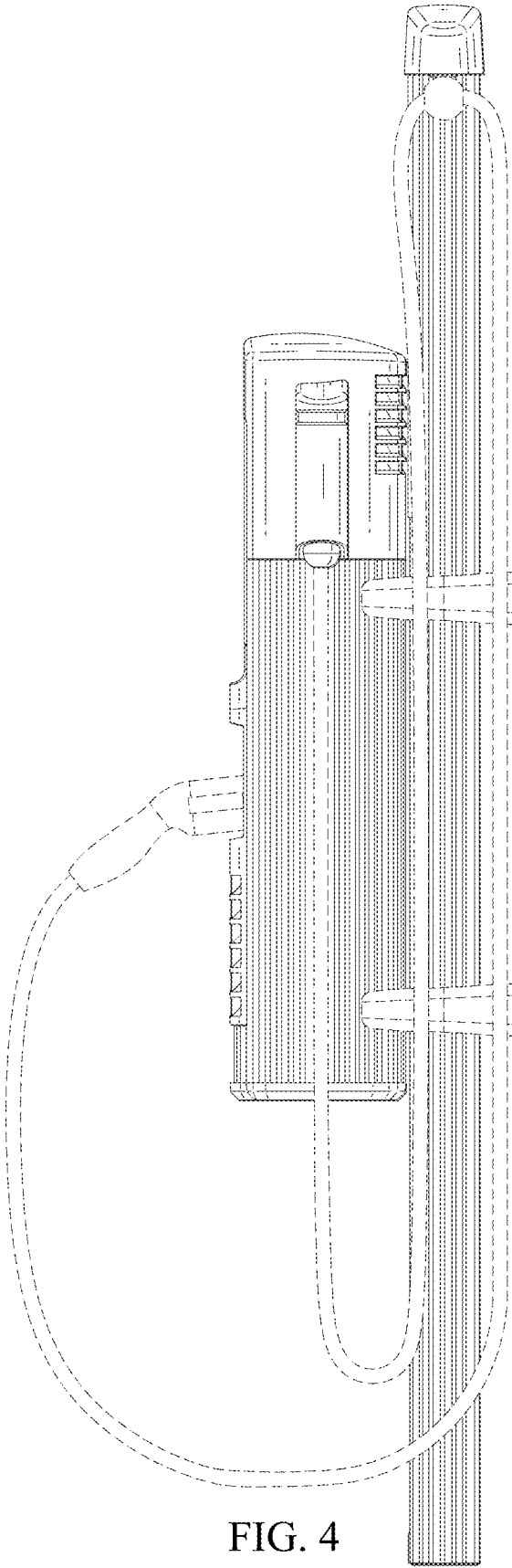


FIG. 4

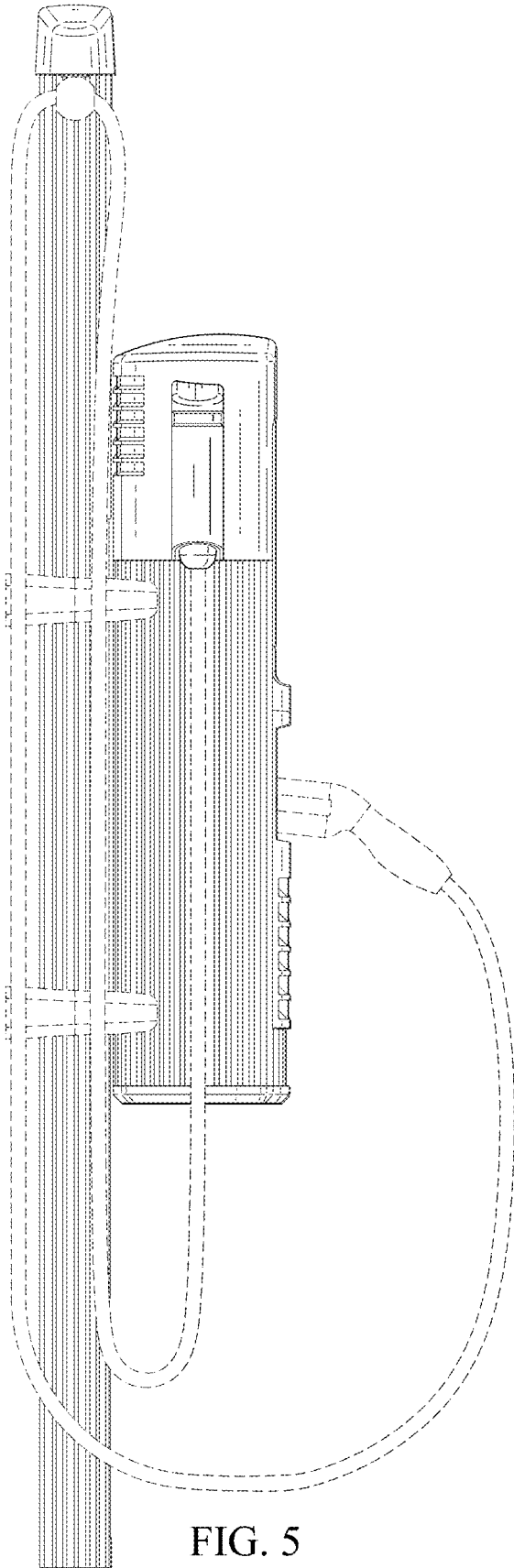


FIG. 5

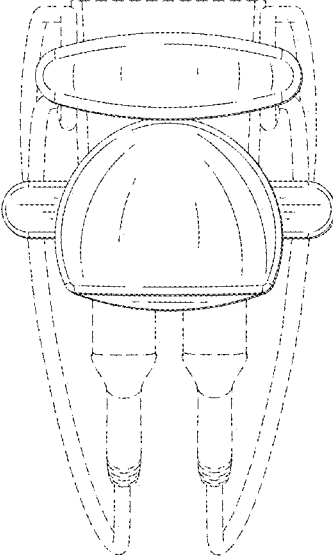


FIG. 6

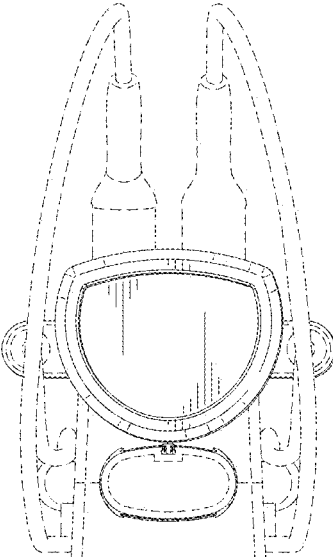


FIG. 7

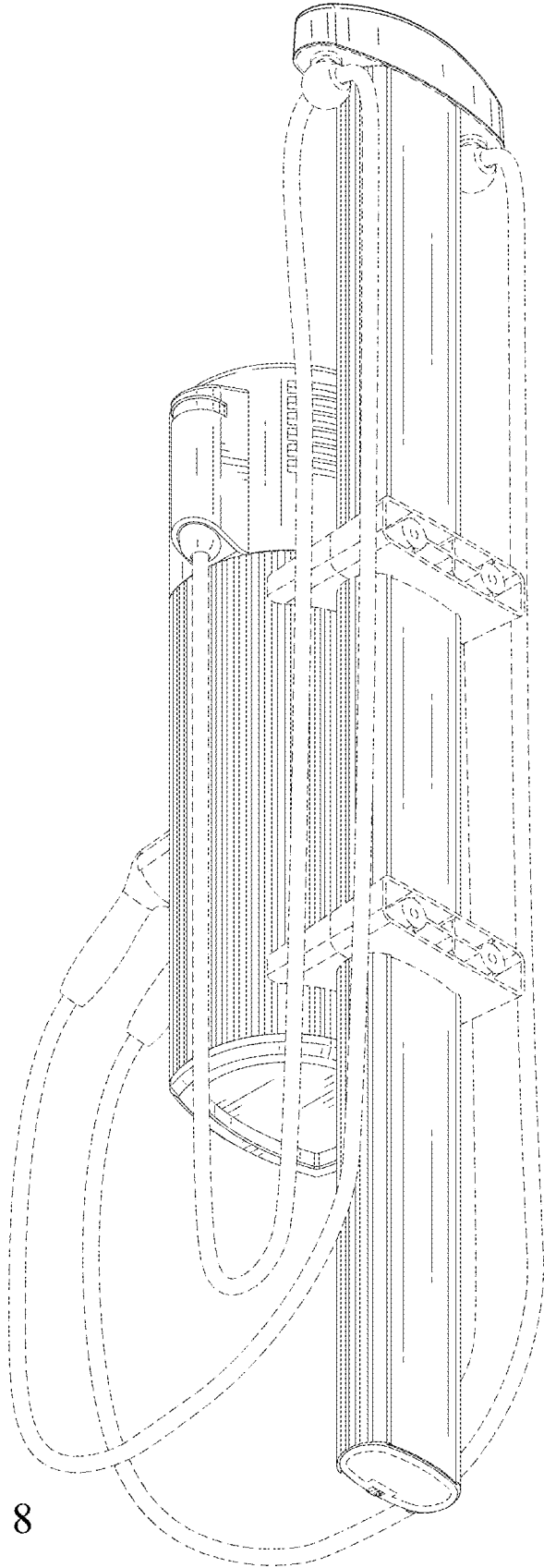


FIG. 8