

US0D1027834S

(12)

United States Design Patent

Cumming et al.

(10)

Patent No.:

US D1,027,834 S

(45)

Date of Patent:

** *May 21, 2024

(54) ELECTRIC VEHICLE CHARGING STATION

(71) Applicant: ChargePoint, Inc., Campbell, CA (US)

(72) Inventors: Justin D. Cumming, Winthrop, ME (US); Peter H. Muller, Portland, OR (US); David Hoenig, Los Gatos, CA (US); Pasquale Romano, Los Gatos, CA (US); Darren Chin-Ho Kim, Oakland, CA (US); Benjamin Bylenok, San Jose, CA (US); Dennis Michael Heleine, Morgan Hill, CA (US); Stephen Eric Sidle, Morgan Hill, CA (US); Michal Lekszycki, Wallingford (GB); Aaron Dayton Little, Campbell, CA (US); Jacky S. Wong, Sunnyvale, CA (US)

(73) Assignee: ChargePoint, Inc., Campbell, CA (US)

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

(**) Term: 15 Years

(21) Appl. No.: 29/825,335

(22) Filed: Jan. 31, 2022

(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.

(56) References Cited

U.S. PATENT DOCUMENTS

3,418,552 A 12/1968 Holmes

D237,718 S 11/1975 Bozich

(Continued)

FOREIGN PATENT DOCUMENTS

CH 133540 A 6/1929

WO D226292-002 * 7/2022

WO D226292-011 2/2023

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)

Primary Examiner — Shawn T Gingrich

Assistant Examiner — Caleb M Baker

(74) Attorney, Agent, or Firm — NICHOLSON DE VOS WEBSTER & ELLIOTT LLP

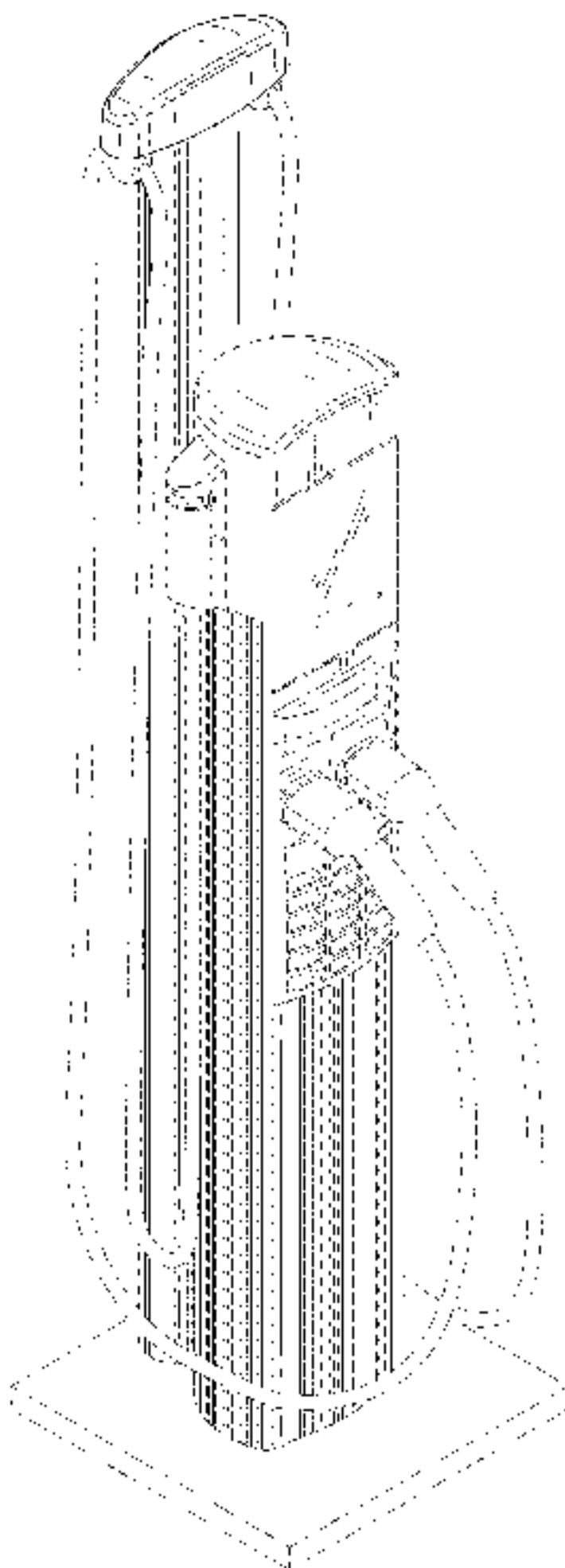
(57) CLAIM

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

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.

(Continued)



The broken lines illustrate environmental structure and/or portions of the electric vehicle charging station that form no part of the claimed design.

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
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.
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.
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 Kajiura
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.
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. 29/450,176 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. 29/450,166 for Dual Electric Vehicle Charging Station, filed Mar. 15, 2013, 9 pages.

Chin Ho Kim et al., Design U.S. Appl. No. 29/450,172 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. 29/825,330, dated Aug. 25, 2023, 8 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,337, dated Aug. 21, 2023, 8 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,338, dated Sep. 12, 2023, 8 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,340, dated Aug. 25, 2023, 8 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,344, dated Aug. 25, 2023, 8 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,345, dated Aug. 25, 2023, 8 pages.

Non-Final Office Action, U.S. Appl. No. 29/825,346, dated Aug. 25, 2023, 8 pages.

* cited by examiner

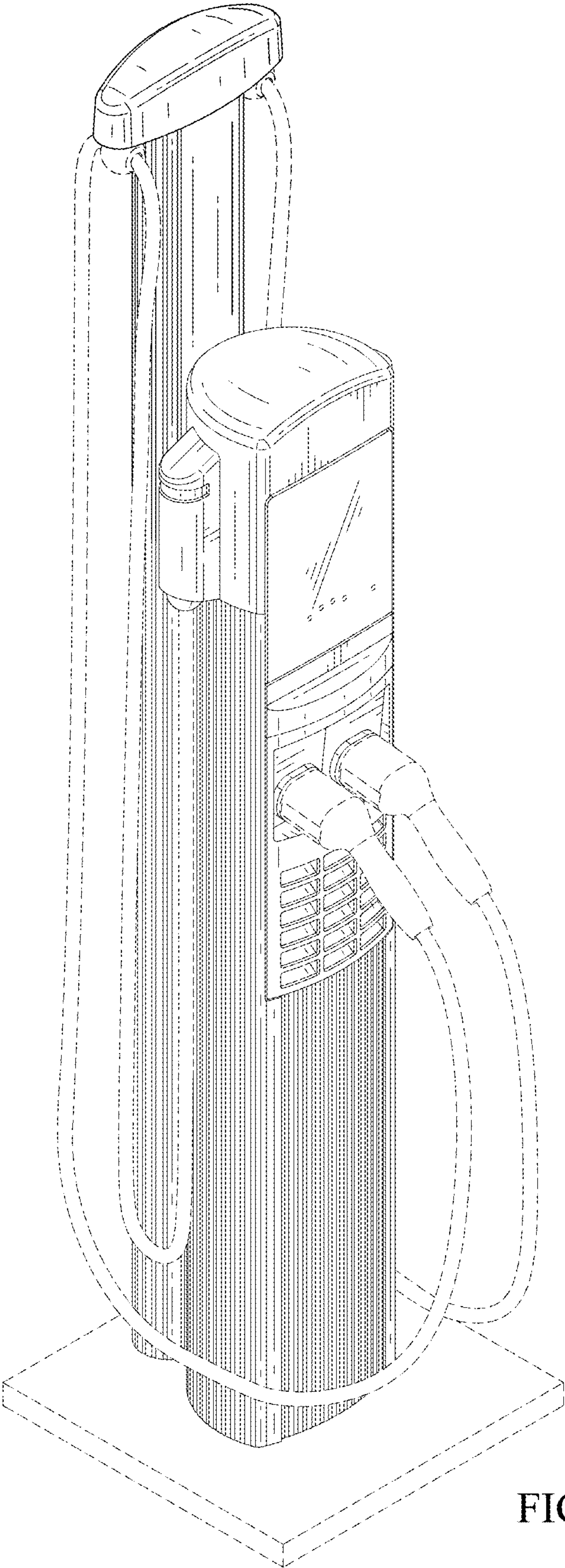


FIG. 1

FIG. 2

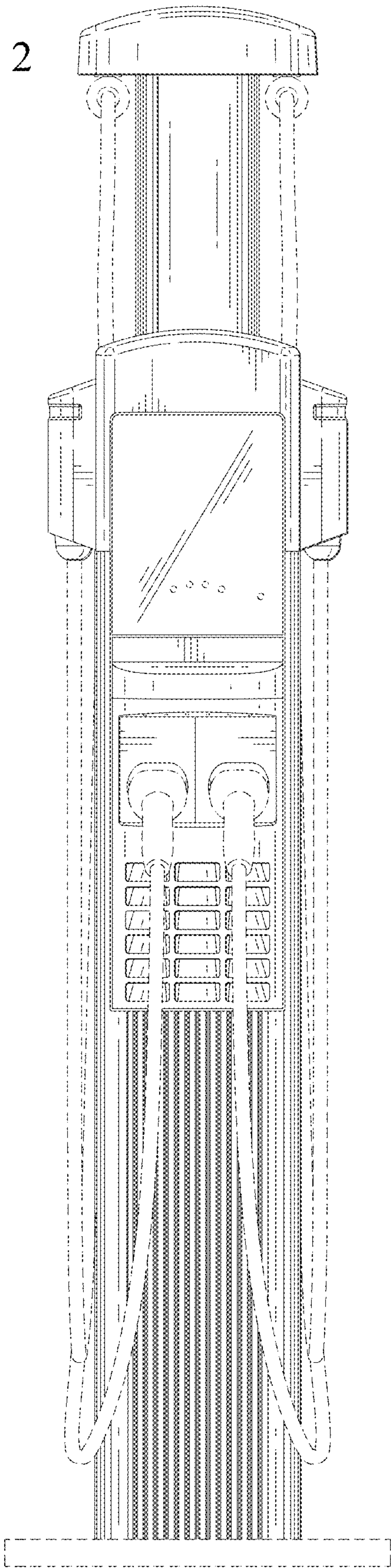
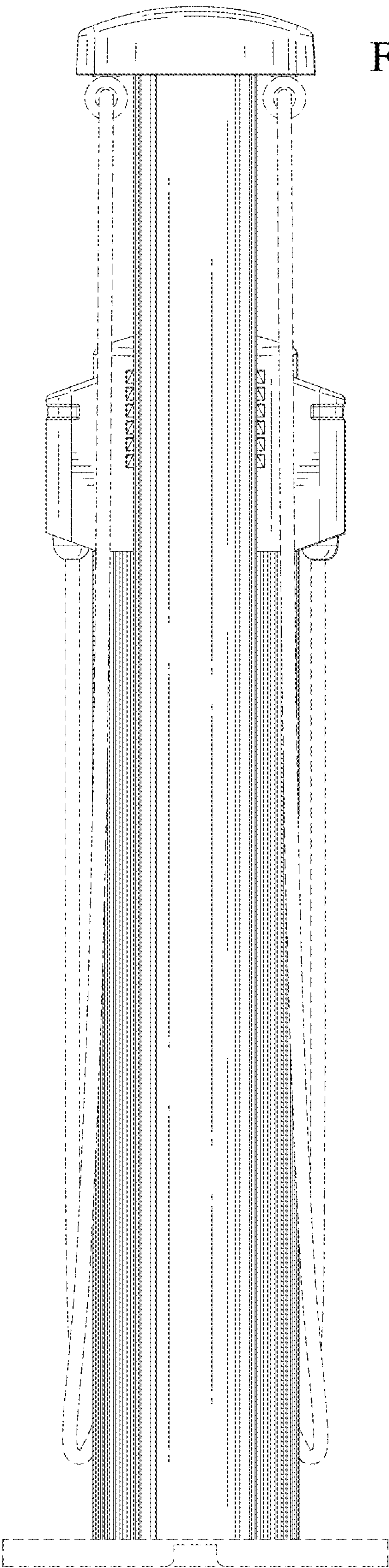


FIG. 3



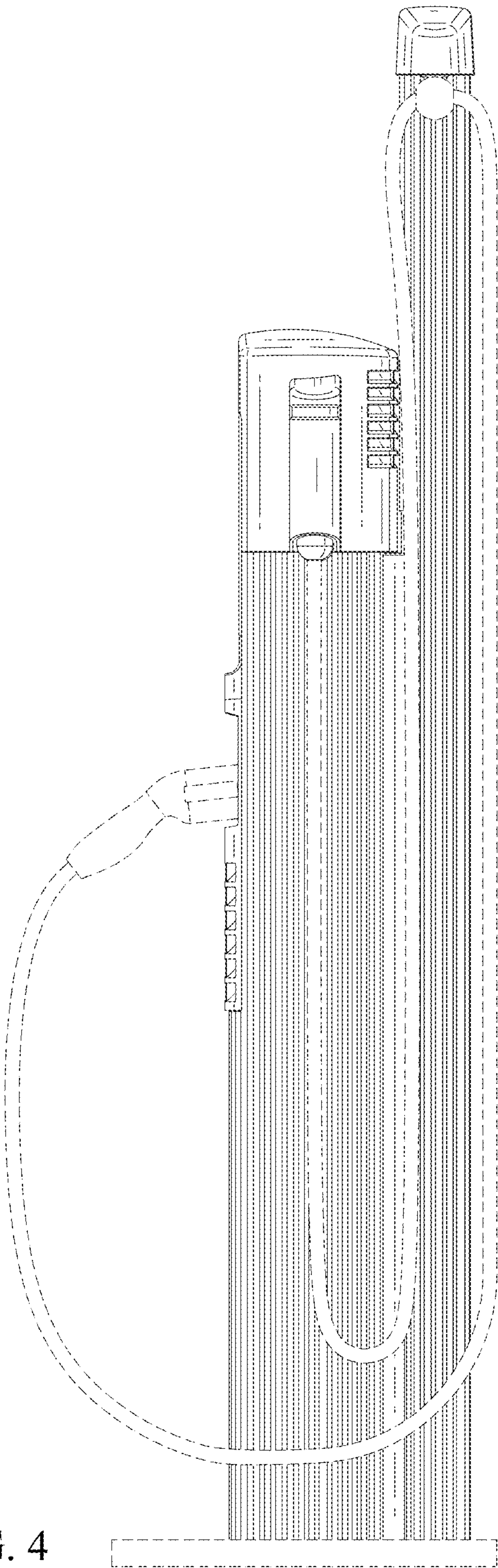


FIG. 4

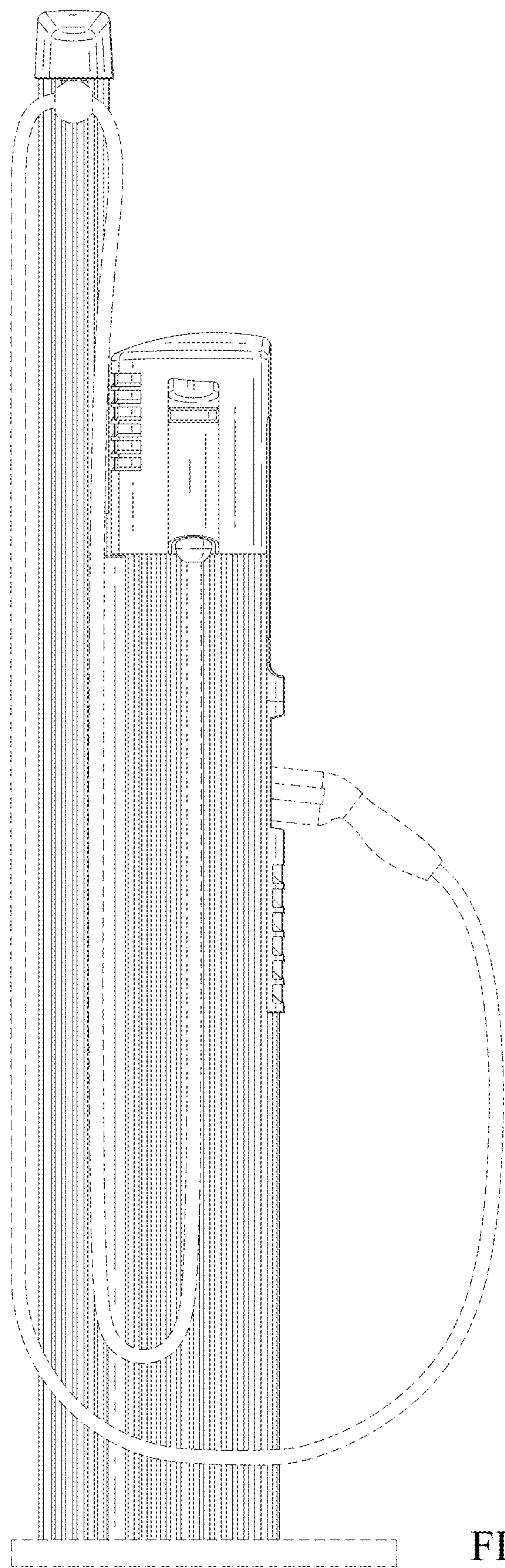


FIG. 5

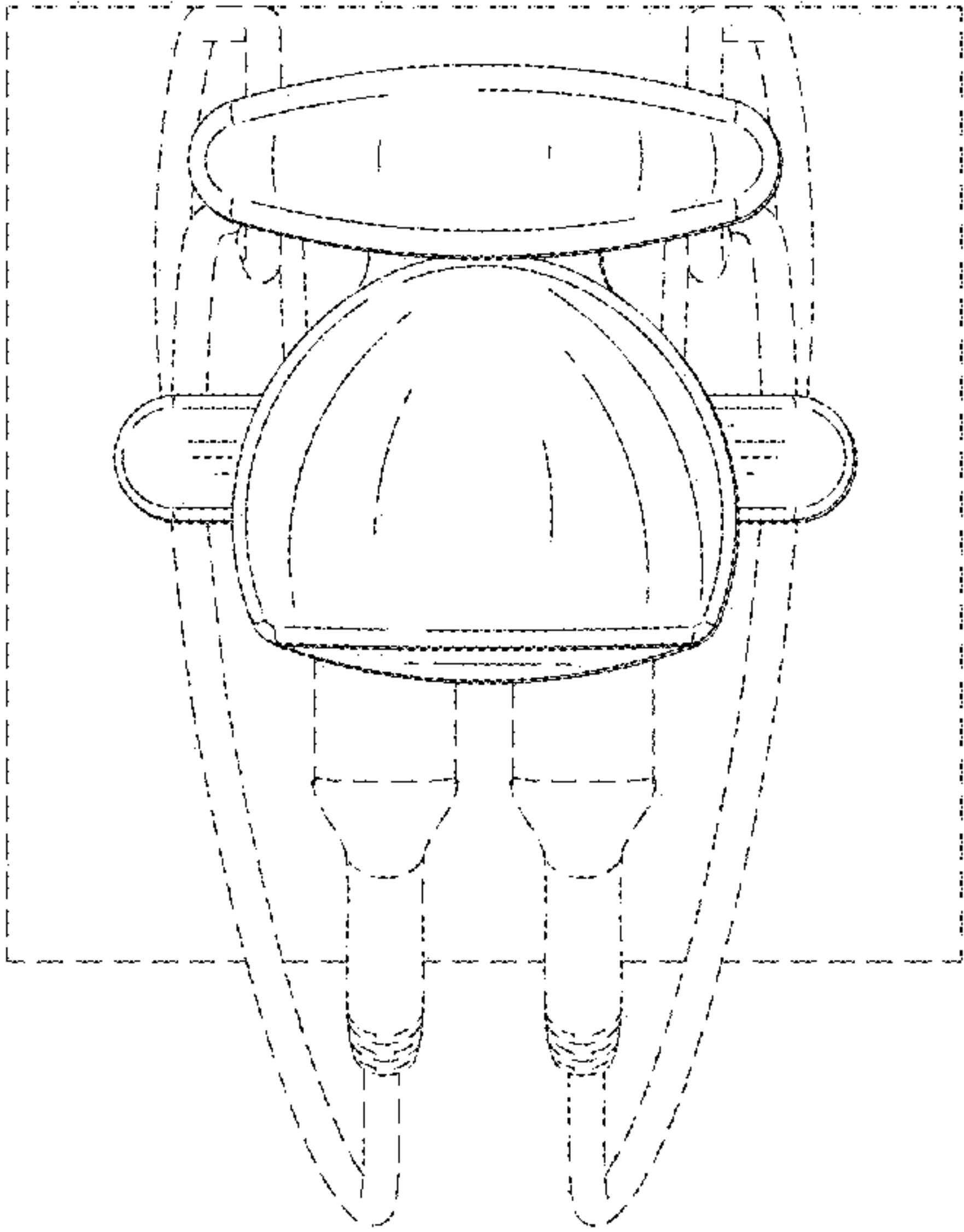


FIG. 6

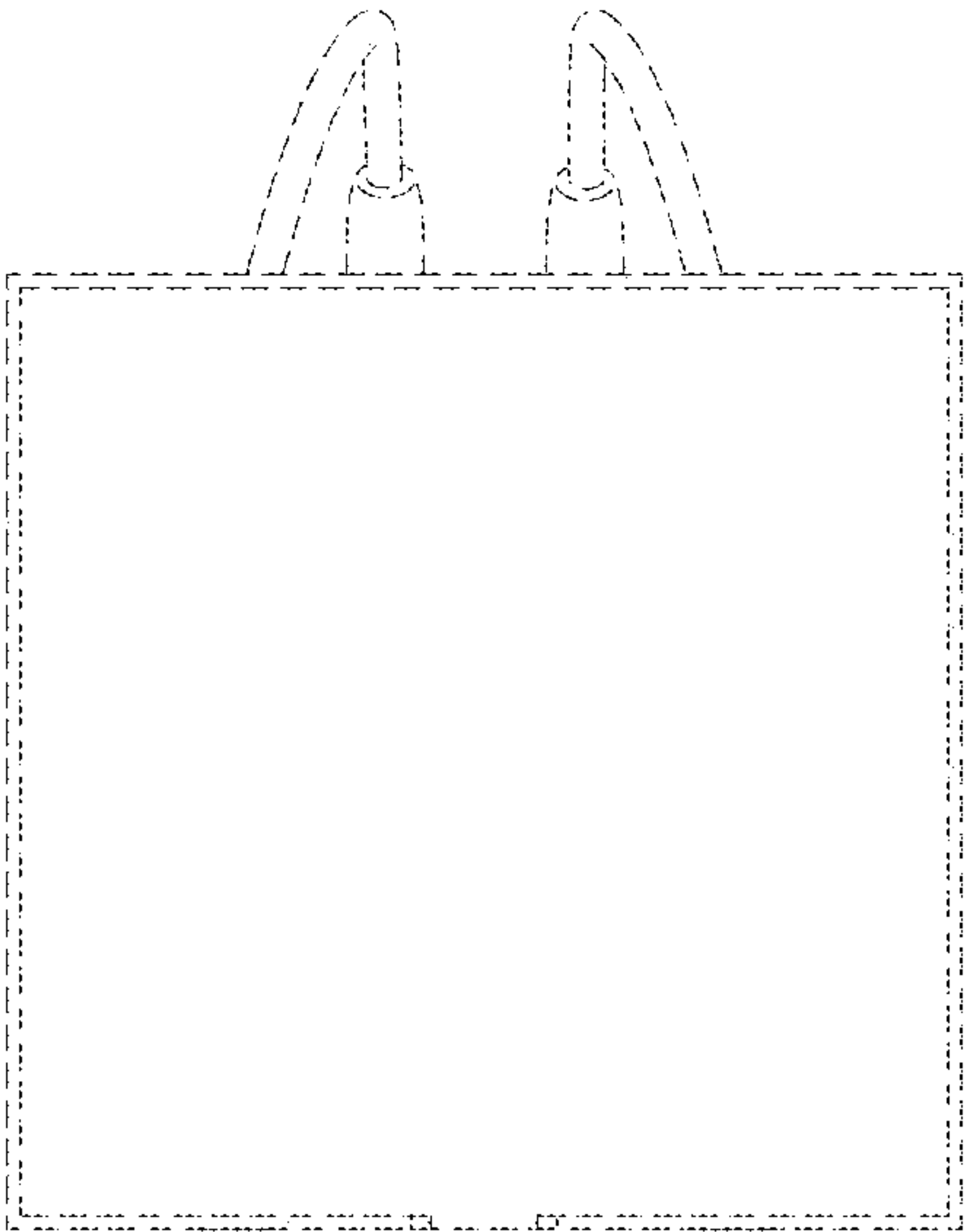


FIG. 7

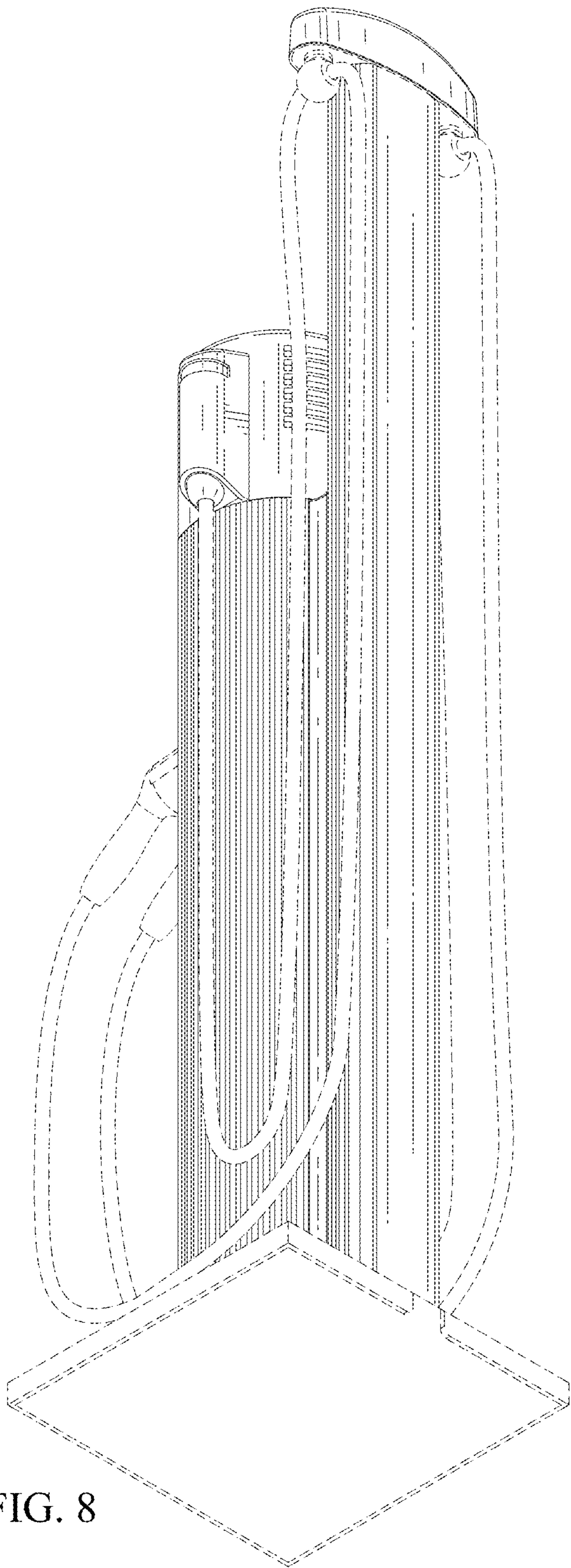


FIG. 8