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(12) **United States Design Patent** (10) **Patent No.:** **US D948,423 S**  
**Bluemle et al.** (45) **Date of Patent:** **\*\* Apr. 12, 2022**

(54) **VEHICLE CHARGING STATION**  
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(\*\*) Term: **15 Years**

D662,045 S \* 6/2012 Gotou ..... D13/107  
D674,335 S \* 1/2013 Yamashita ..... D13/107  
D676,376 S \* 2/2013 Yamada ..... D13/107  
D700,901 S 3/2014 Giglio et al.  
D708,573 S \* 7/2014 Gieniec ..... D13/107  
D708,574 S \* 7/2014 Gieniec ..... D13/107  
D709,828 S \* 7/2014 Fiaschetti ..... D13/108  
D730,821 S \* 6/2015 Chin-Ho Kim ..... D13/107  
D731,414 S \* 6/2015 Chin-Ho Kim ..... D13/107  
D734,249 S \* 7/2015 Shimada ..... D13/107  
D775,622 S 1/2017 Fu et al.  
D778,818 S \* 2/2017 Bruining ..... D13/107  
D799,421 S \* 10/2017 Hernandez ..... D13/107  
D800,652 S \* 10/2017 Yang ..... D13/107  
D831,587 S \* 10/2018 Vierjarvi ..... D13/163  
D833,404 S \* 11/2018 Vierjarvi ..... D13/163

(Continued)

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(52) **U.S. Cl.**  
USPC ..... **D13/107**  
(58) **Field of Classification Search**  
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D13/122, 146, 184, 199  
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H02J 3/008; H01F 38/14; H01R 13/6675;  
H01M 2/1022; H01M 2/1055; H01M  
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11/182; B60L 11/1809; B60L 11/1861;  
B60R 16/03  
See application file for complete search history.

OTHER PUBLICATIONS

Blink, "Level 2 AC EV, IQ 200 Charging Stations," Specifications,  
BlinkCharging.com, Jun. 2019, 10 pages.

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(57) **CLAIM**

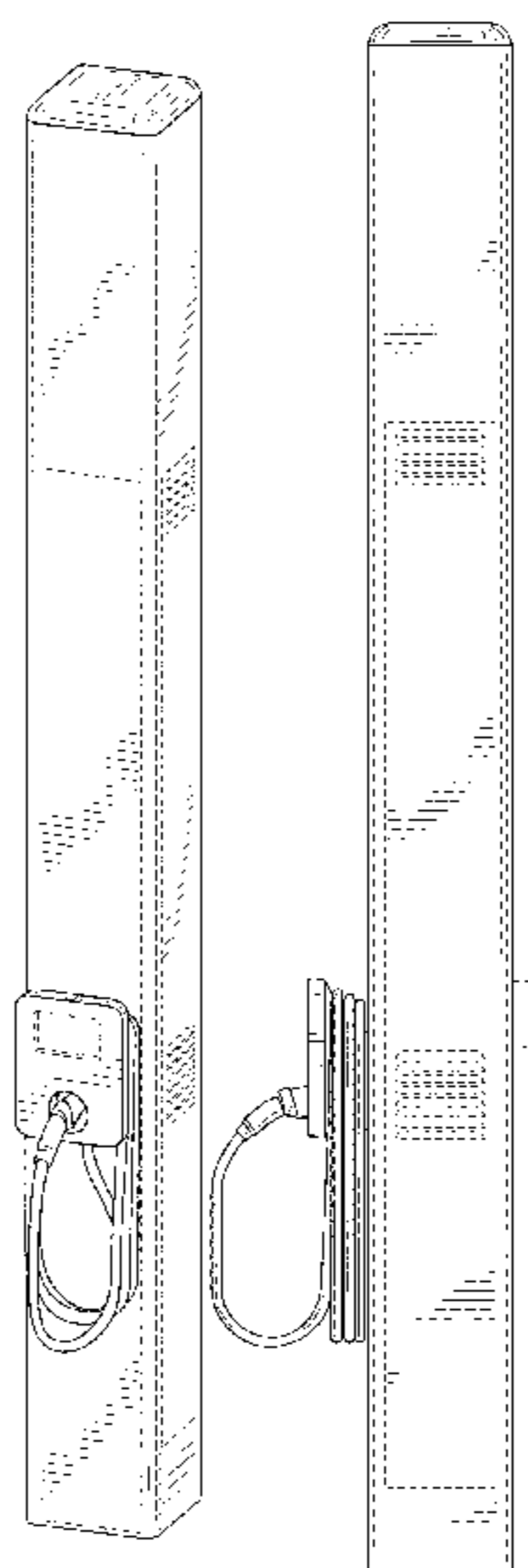
The ornamental design for a vehicle charging station, as  
shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an vehicle charging  
station showing our new design.  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines in the drawings illustrate portions of the  
article that form no part of the claimed design.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D613,683 S \* 4/2010 Baxter ..... D13/107  
D626,064 S 10/2010 Cutter et al.  
D659,635 S \* 5/2012 Hou ..... D13/107

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D833,983	S	*	11/2018	Vierjarvi .....	D13/163
D833,985	S	*	11/2018	Vierjarvi .....	D13/163
D837,403	S		1/2019	Katov	
D842,239	S	*	3/2019	Bruining .....	D13/107
D844,559	S	*	4/2019	Mercer .....	B60L 53/31
					D13/107
D848,365	S	*	5/2019	Yang .....	D13/107
D868,687	S	*	12/2019	da Silva .....	D13/107
D889,397	S	*	7/2020	Bouman .....	D13/107
D907,574	S	*	1/2021	Yang .....	D13/107
D912,619	S	*	3/2021	Visser-de Lange .....	D13/107
D914,593	S	*	3/2021	Frerichs .....	D13/110
D916,010	S	*	4/2021	Gerber .....	D13/107
D917,392	S	*	4/2021	Robredo .....	D13/110
D918,134	S	*	5/2021	Bonilla .....	D13/107
D922,942	S	*	6/2021	Huhne .....	D13/107
D934,167	S	*	10/2021	Van-Der-Veer .....	D13/107
D935,393	S	*	11/2021	Erni .....	D13/107
D936,003	S	*	11/2021	Li .....	D13/110
D937,199	S	*	11/2021	Gehrmann .....	D13/107
RE48,837	E	*	12/2021	Mercer .....	B60L 53/31
					D13/107
2013/0320921	A1	*	12/2013	Muller .....	H02J 7/0042
					320/109
2015/0249353	A1	*	9/2015	Hamilton, IV .....	G07F 7/069
					320/114

\* cited by examiner

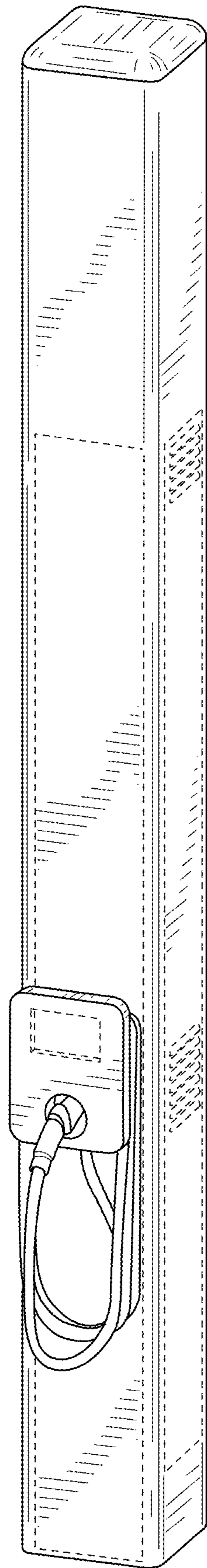


FIG. 1

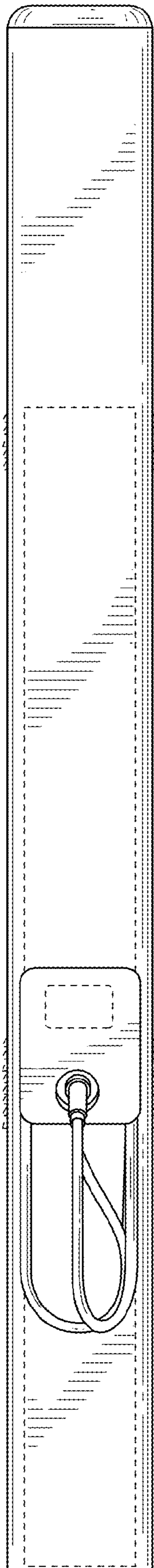


FIG. 2

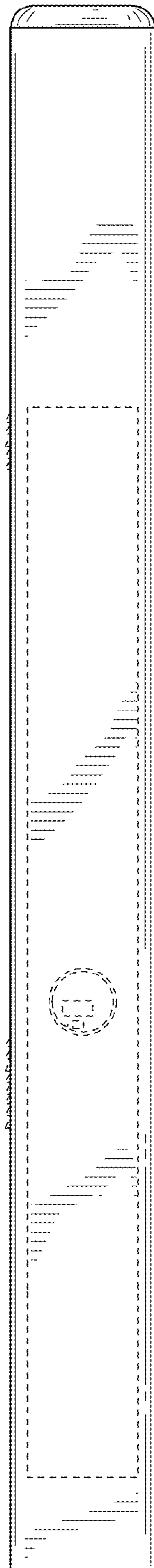
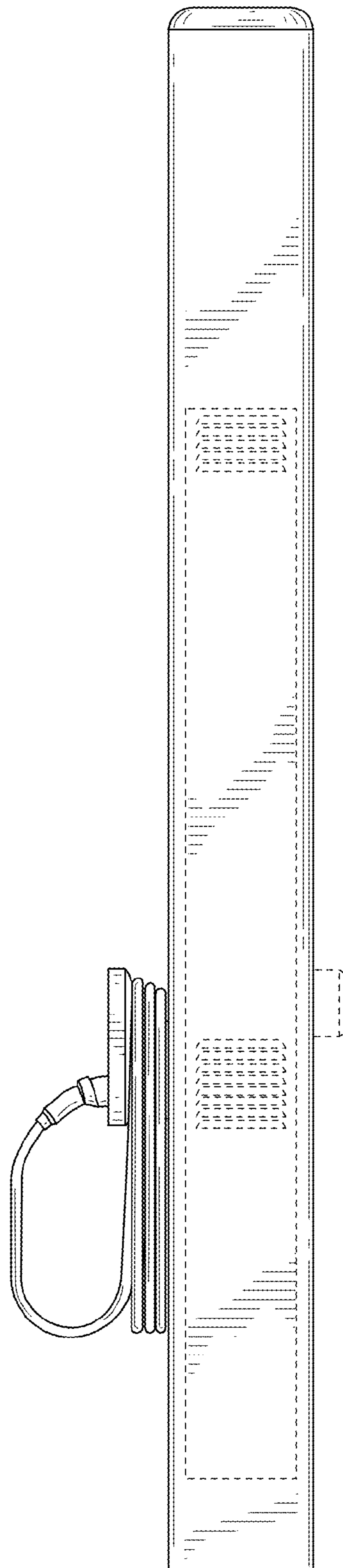
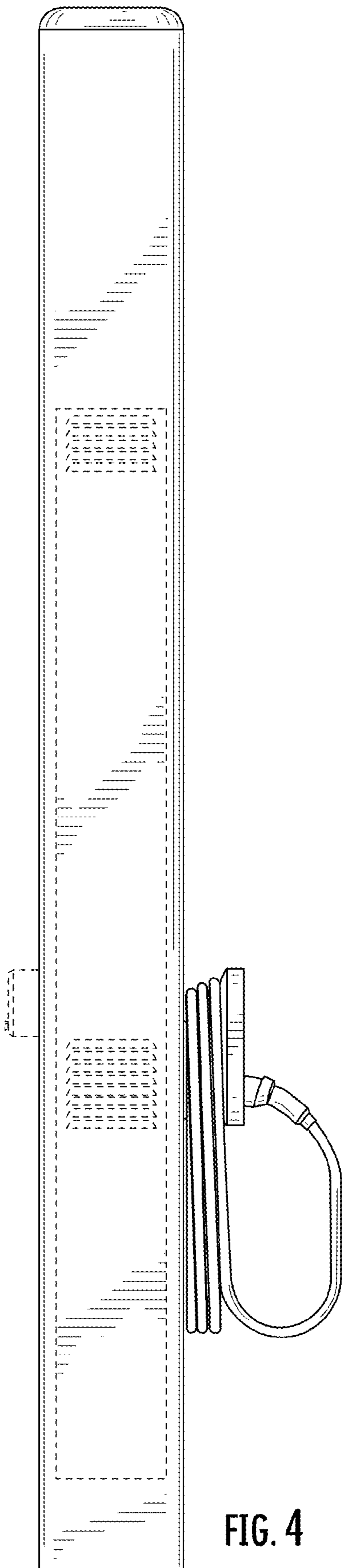


FIG. 3





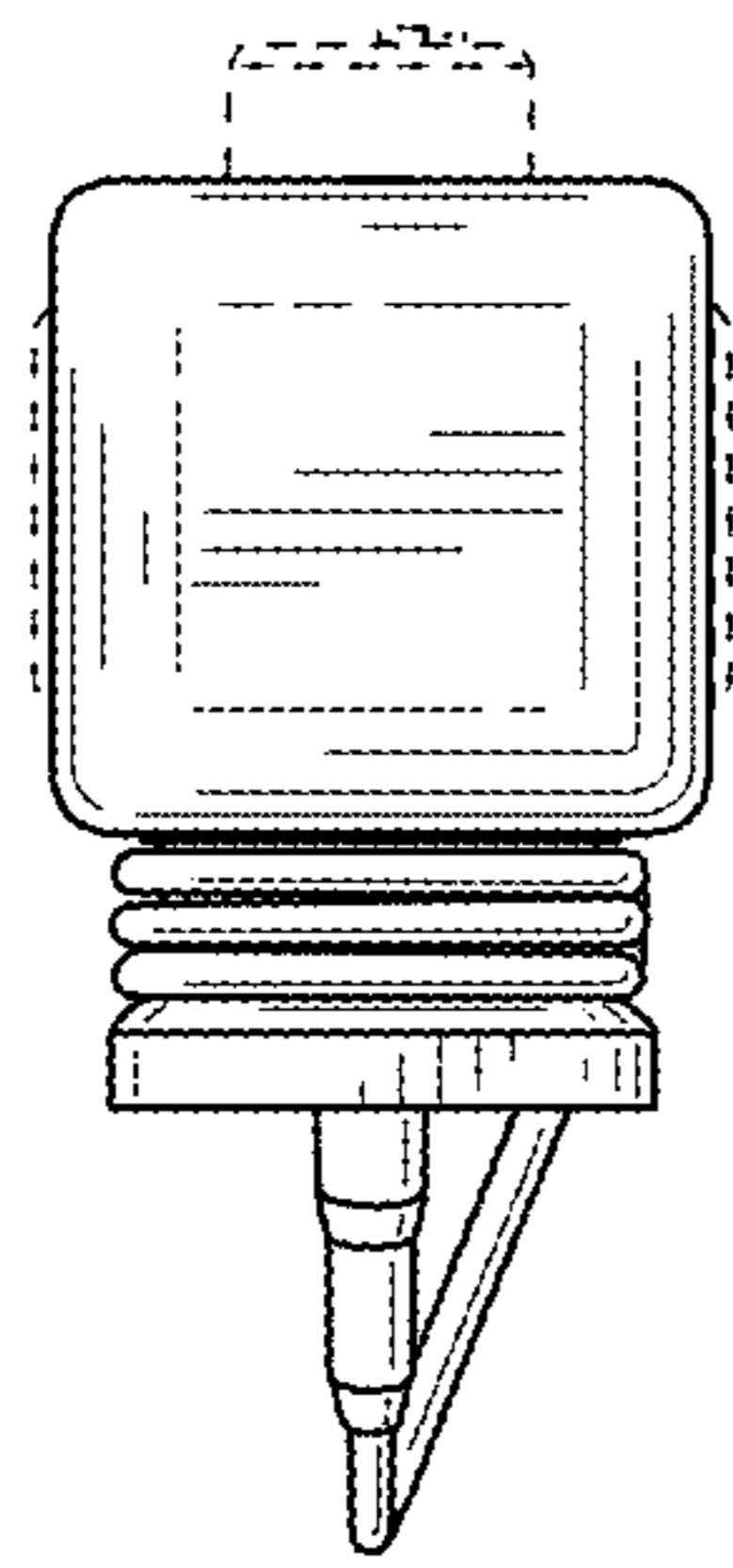


FIG. 6

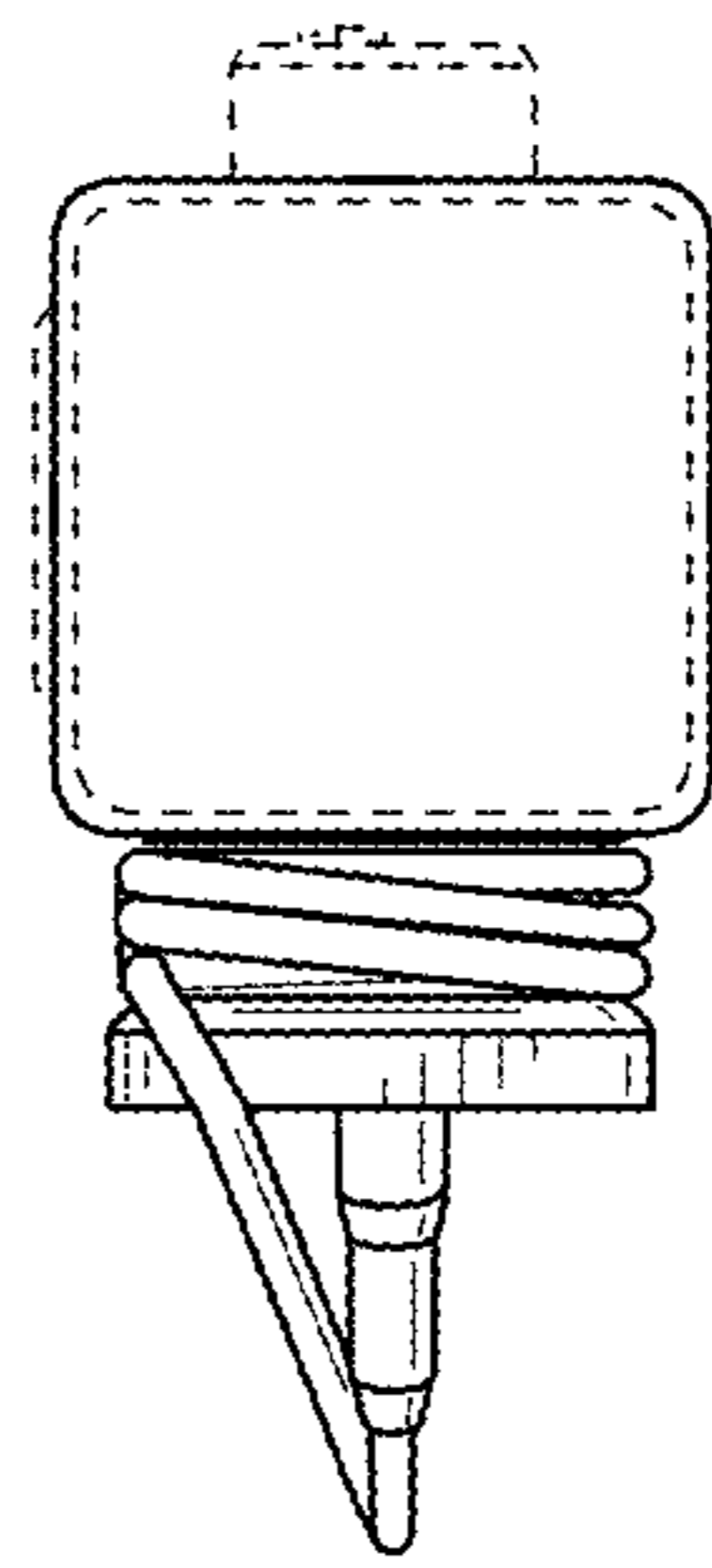


FIG. 7