



US0D1034471S

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

(10) **Patent No.:** **US D1,034,471 S**
(45) **Date of Patent:** **** Jul. 9, 2024**

(54) **CONVERTOR ASSEMBLY**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Dropcases Ltd.**, Kowloon (HK)

DE 402023200243 * 5/2023

(72) Inventors: **Christopher Eckhard Maiwald**,
Kowloon (HK); **German Chan**,
Kowloon (HK)

OTHER PUBLICATIONS

Lectron, Date: Oct. 26, 2022, [online], [site visited Jul. 27, 2023].
Available from internet, URL: <https://www.amazon.com/Lectron-Adapter-Compatible-Hyundai-Ioniq/dp/B0BKL3DL5L> (Year: 2022).*

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

(Continued)

(21) Appl. No.: **29/868,569**

Primary Examiner — Sandra Snapp

(22) Filed: **Dec. 7, 2022**

Assistant Examiner — Bryan N. Melvin

(51) **LOC (14) Cl.** **13-03**

(74) *Attorney, Agent, or Firm* — BOAG LAW, PLLC

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

USPC **D13/133**; D13/146; D13/147

(58) **Field of Classification Search**

USPC D8/396; D10/80, 114.1; D13/103, 107,
D13/118–120, 133, 146–147, 149, 151,
D13/154, 156, 174, 182; D14/240, 242,
D14/433–434, 435.1, 480.1

CPC B60L 53/14; B60L 53/18; B60L 53/30;
B60L 3/04; B60L 53/16; H01R 13/5227;
H01R 13/6275; H01R 31/06

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a convertor assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a convertor assembly showing my new design in a first use configuration; FIG. 2 is a left side view thereof in the first use configuration; FIG. 3 is a left side view thereof in a second use configuration; FIG. 4 is a right side view thereof in the second use configuration; FIG. 5 is a perspective view thereof in the second use configuration; FIG. 6 is an alternate perspective view thereof in the second use configuration; FIG. 7 is a bottom view thereof in the first use configuration; and, FIG. 8 is a top view thereof in the first use configuration. The broken lines in the drawings illustrate portions of the convertor assembly that form no part of the claimed design.

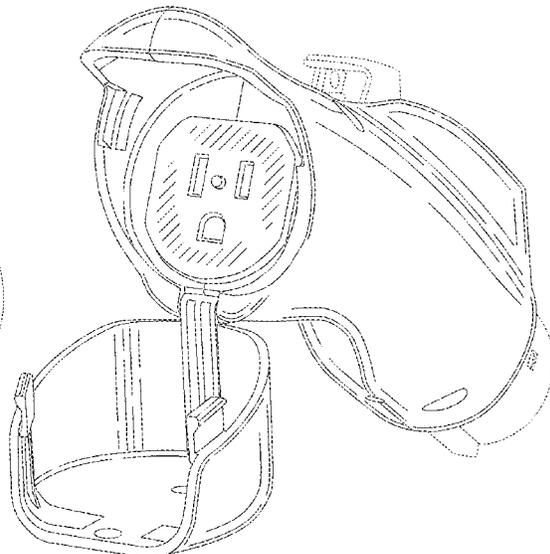
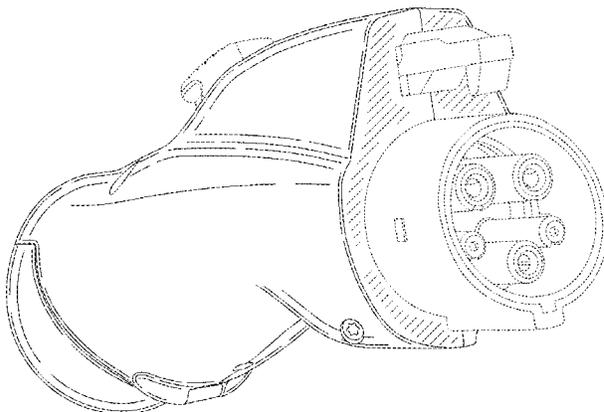
(56) **References Cited**

U.S. PATENT DOCUMENTS

D375,721	S *	11/1996	Endo	.....	D13/146
D636,334	S *	4/2011	Kato	.....	D13/133
D649,939	S *	12/2011	Erickson	.....	D13/147
D666,152	S *	8/2012	Riddle	.....	D13/147
D669,033	S *	10/2012	Senk	.....	D13/133
D677,632	S *	3/2013	Riddle	.....	D13/133
8,573,998	B2 *	11/2013	Ichio	.....	H01R 13/5227 439/372
D707,179	S *	6/2014	Smith	.....	D13/146
D768,082	S	10/2016	Chuang		
10,647,207	B2 *	5/2020	Rivas	.....	B60L 53/16
2012/0238131	A1 *	9/2012	Osawa	.....	B60L 53/16 439/660

(Continued)

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2014/0167695 A1* 6/2014 Shimizu B60L 53/30
439/304
2014/0184158 A1* 7/2014 Osawa B60L 3/04
320/109
2018/0170196 A1* 6/2018 Huang B60L 53/18

OTHER PUBLICATIONS

V2L, Date: Oct. 24, 2022, [online], [site visited Jul. 27, 2023].
Available from internet, URL: <https://www.lowes.com/pd/Lectron-V2L-Adapter-Compatible-with-Hyundai-Ioniq-5-EV-Electric-Vehicle-Charger-Adapter/5014219525> (Year: 2022).*

* cited by examiner

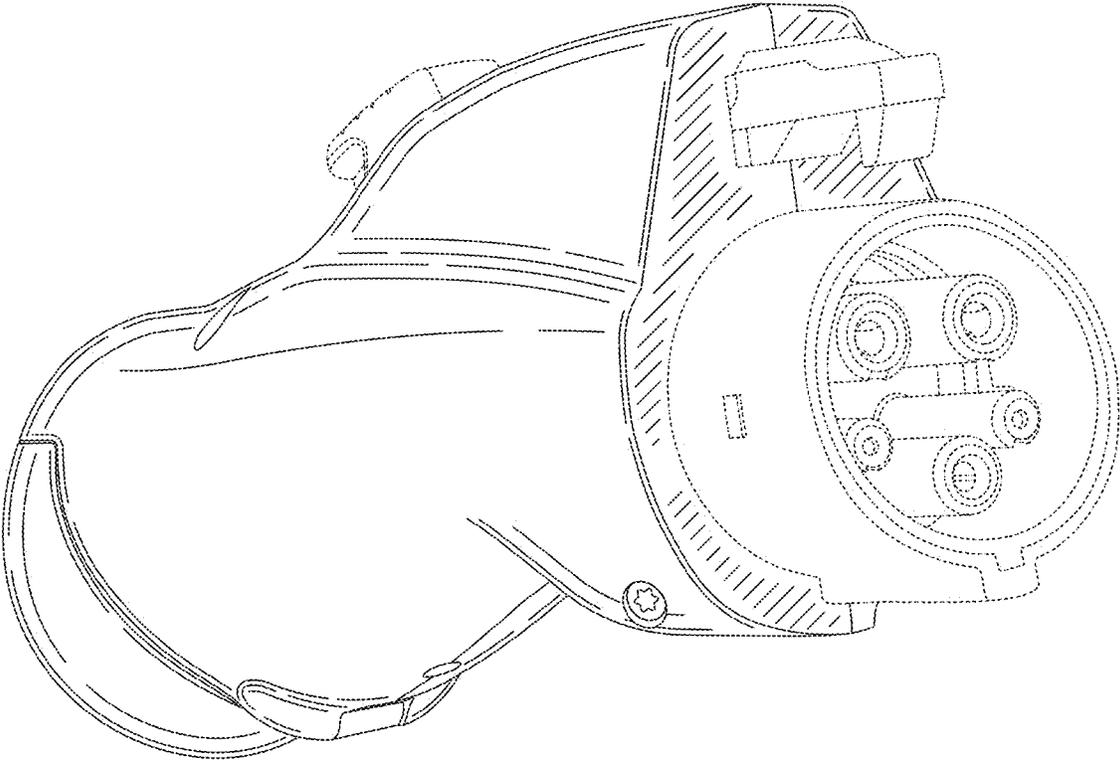


FIG. 1

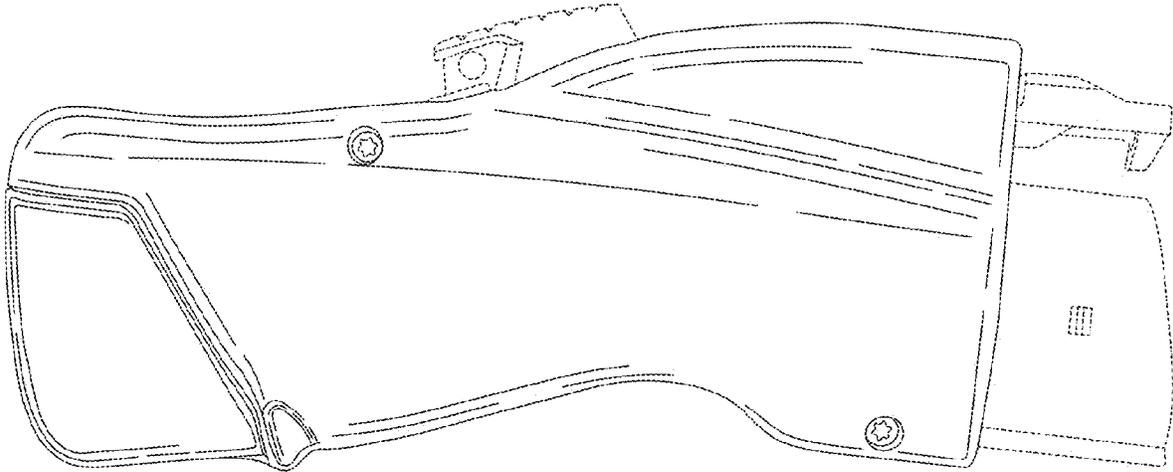


FIG. 2

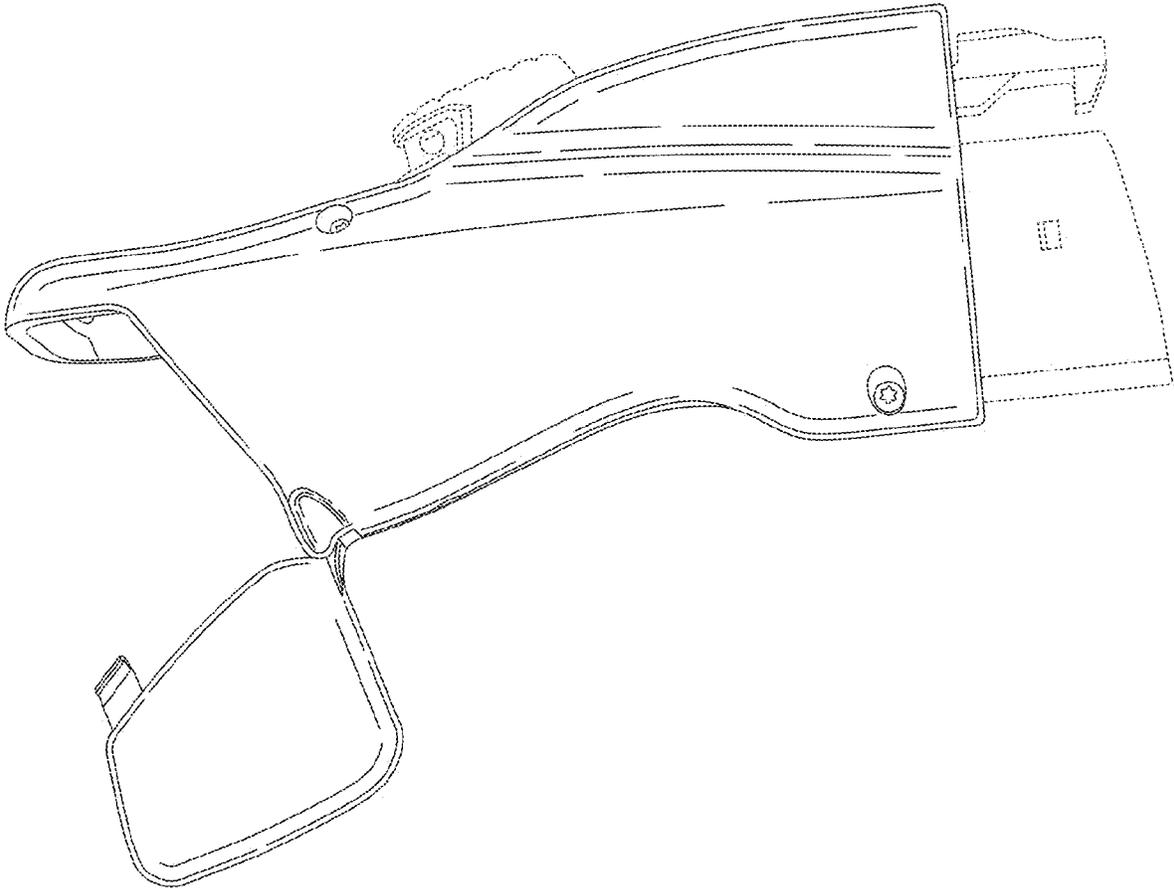


FIG. 3

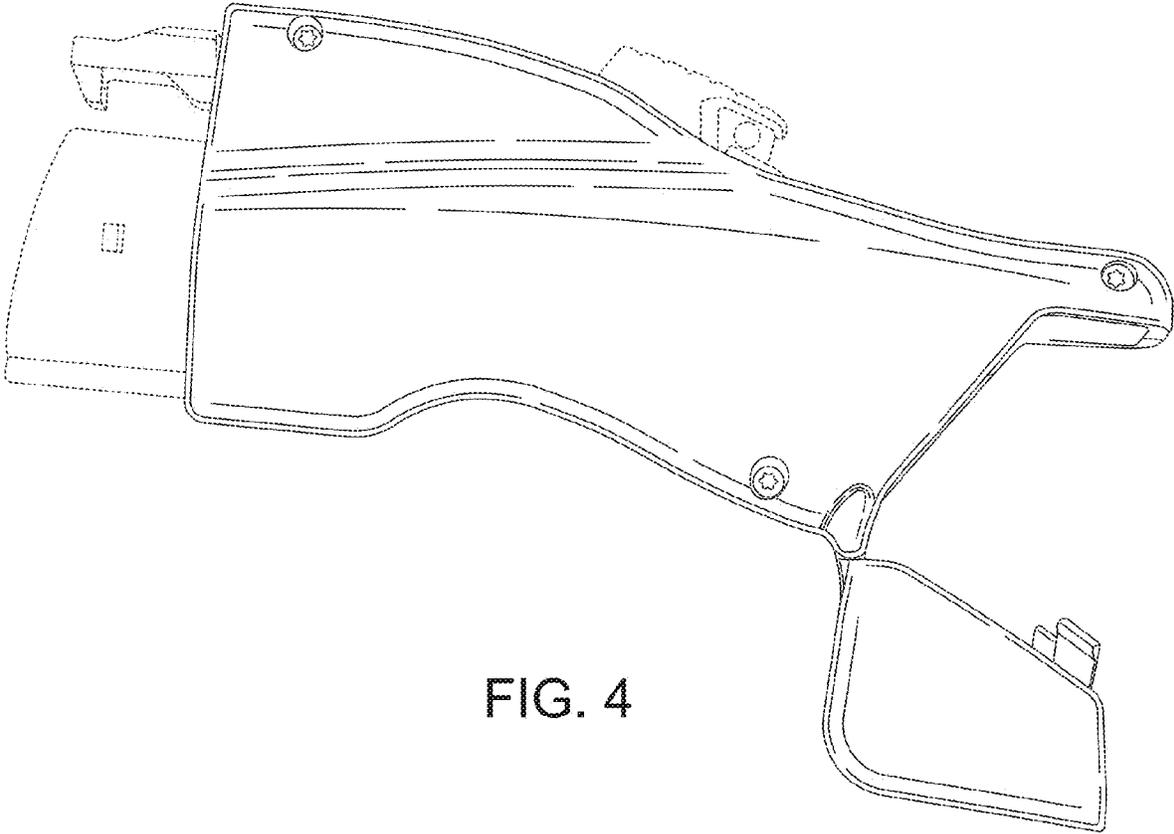


FIG. 4

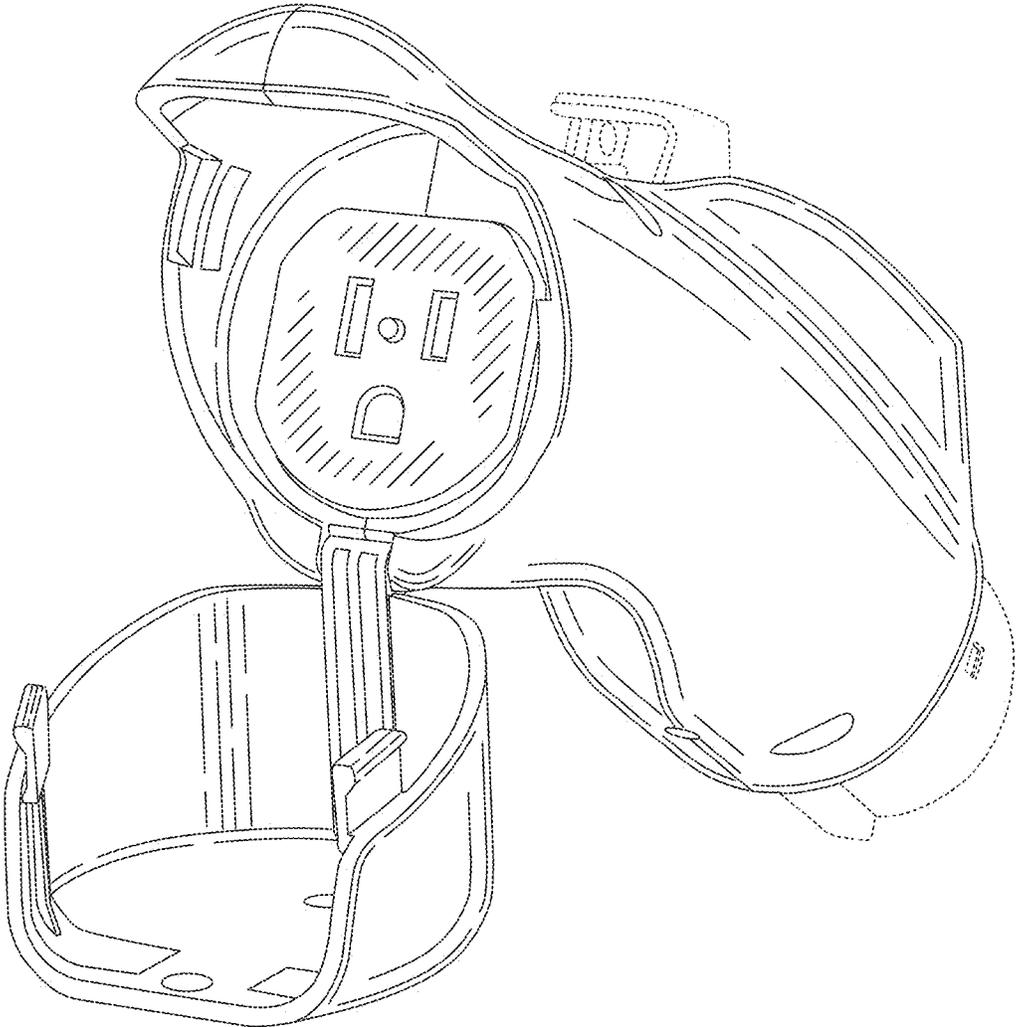


FIG. 5

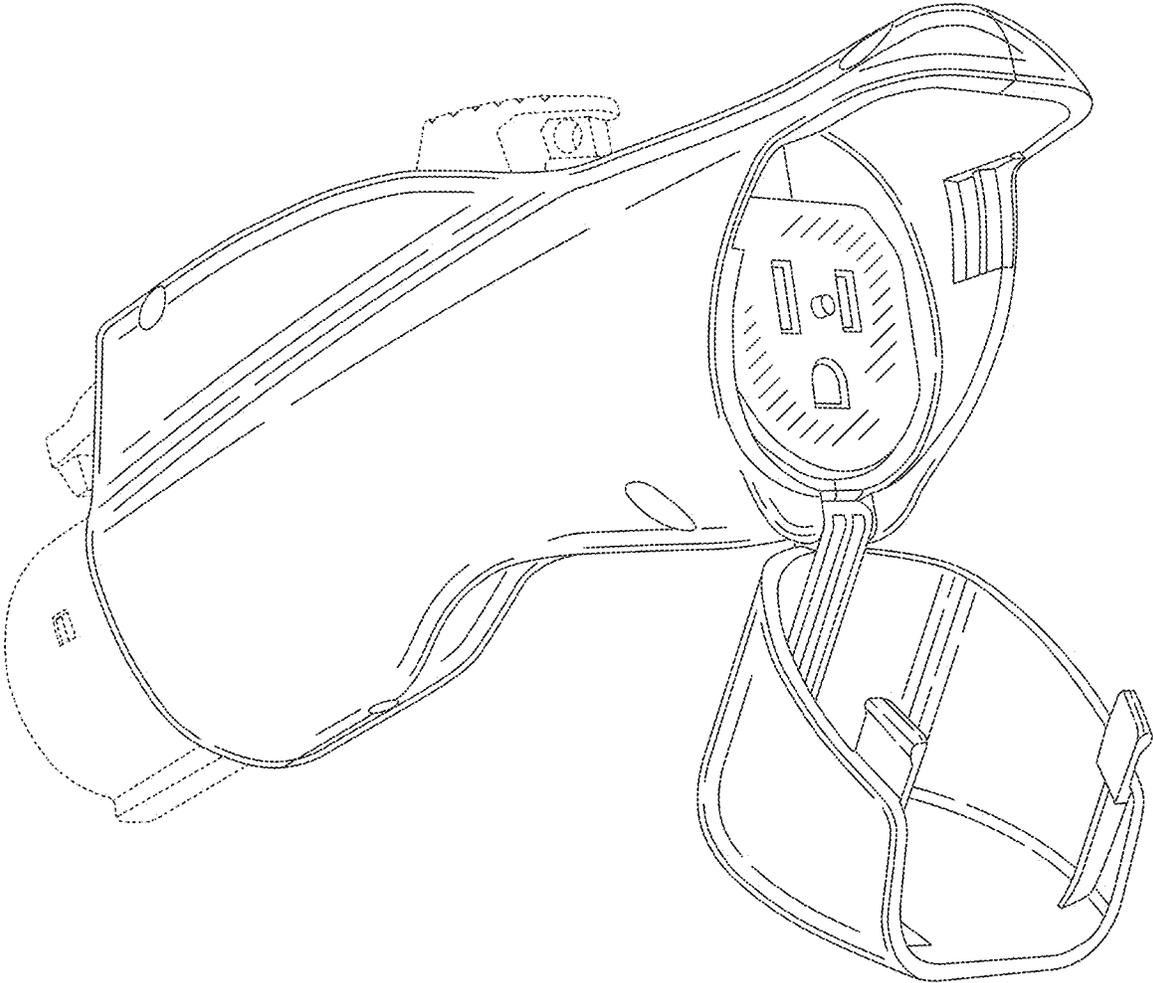


FIG. 6

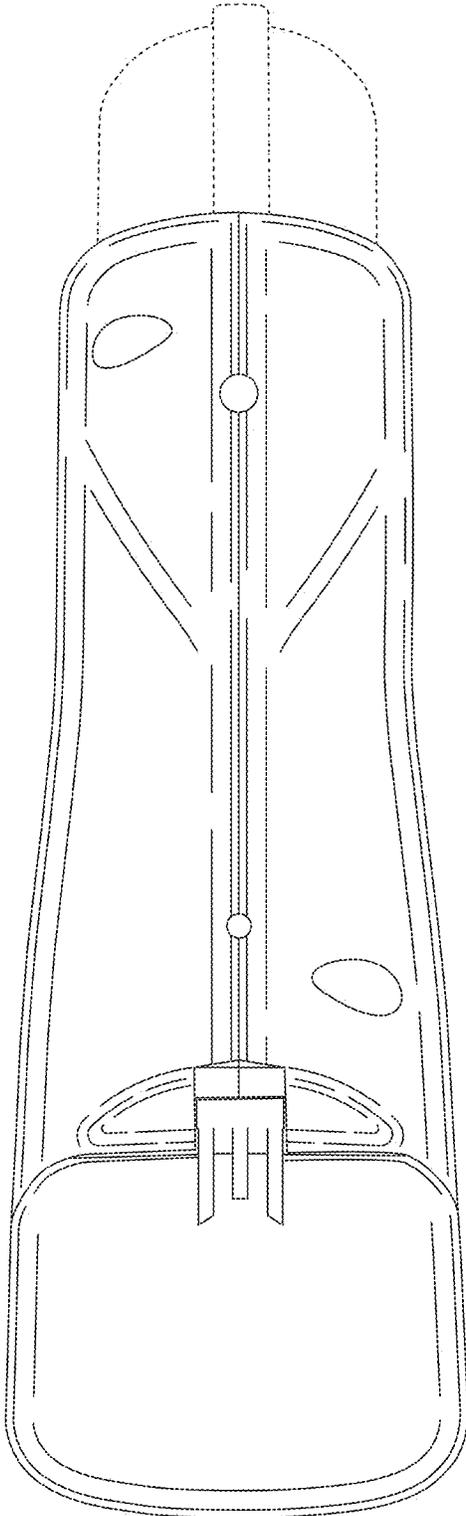


FIG. 7

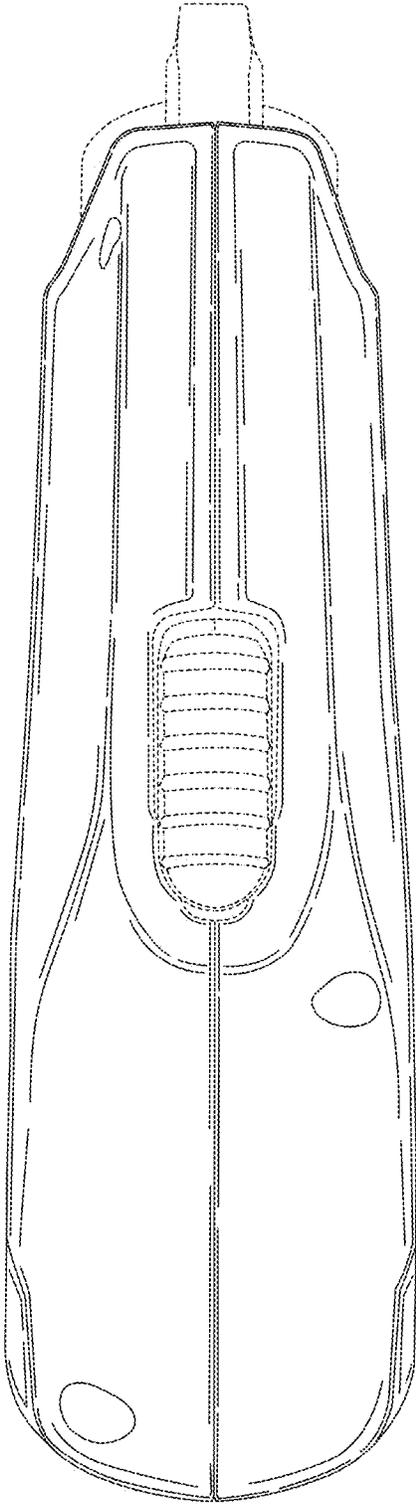


FIG. 8