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(12) United States Design Patent

Chen

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(54) **BATTERY CONVERTER**

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(73) Assignee: **SHENZHEN CITY JINMEILUN BUSINESS TRADE CO., LTD**, Shenzhen (CN)

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

(21) Appl. No.: **29/715,285**

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**
USPC **D13/108**

(58) **Field of Classification Search**
USPC D13/103, 107, 108, 109, 110, 116, 118, D13/119, 199; D14/209.1, 224, 251, 252, D14/434, 447; D27/172, 183, 186, 193
CPC H04R 1/1025; H02J 7/342; H02J 50/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D307,016	S	*	4/1990	Watanabe	D13/108
D483,012	S	*	12/2003	Hsu	D13/103
D516,026	S	*	2/2006	Barrett	D13/108
D532,370	S	*	11/2006	Shimizu	D13/108
D566,041	S	*	4/2008	Stratford	D13/108
7,365,514	B2	*	4/2008	Tong	H02J 7/0042 307/150
D580,351	S	*	11/2008	Elsmark	D13/103
D654,018	S	*	2/2012	Conley	D13/107
D776,610	S	*	1/2017	Nommensen	D13/103
D791,696	S	*	7/2017	Tinius	D13/107
D889,410	S	*	7/2020	Birkholz	D13/119
2010/0085020	A1	*	4/2010	Suzuki	H01M 10/486 320/157
2015/0084578	A1	*	3/2015	Pickens	H02J 7/0042 320/103

OTHER PUBLICATIONS

"Greenworks 40V G-MAX Cordless Hedge Trimmer." Found online Dec. 30, 2020 at gardeningproductsreview.com. Reference dated Feb. 20, 2018. Retrieved from https://gardeningproductsreview.com/greenworks-40v-g-max-22262-cordless-hedge-trimmer-review/. (Year: 2018).*

(Continued)

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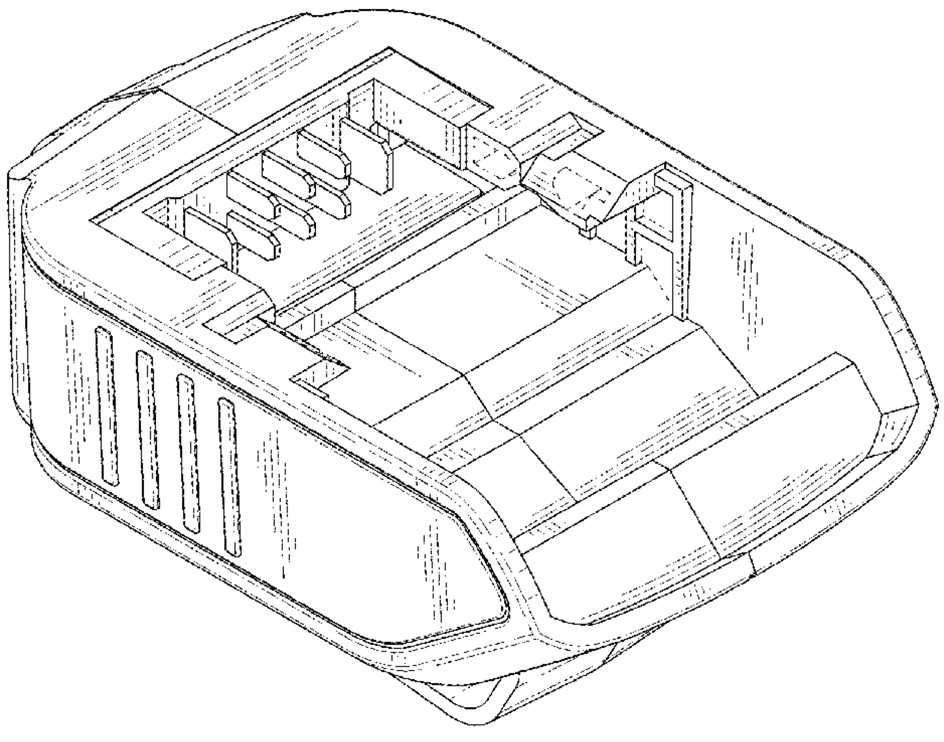
(57) **CLAIM**

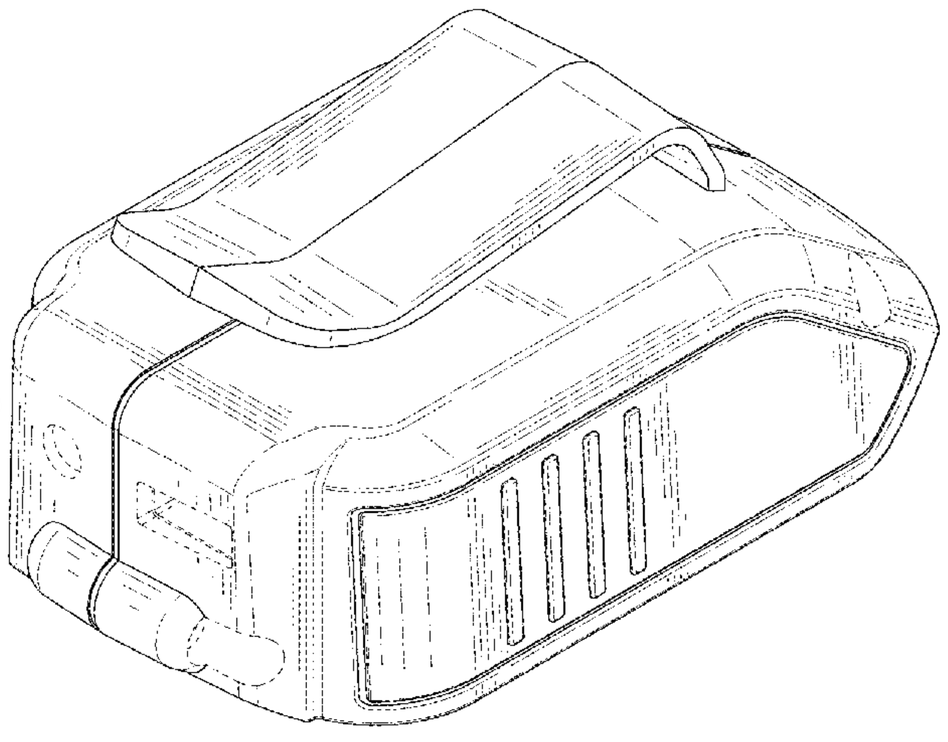
The ornamental design for a battery converter, as shown and described.

DESCRIPTION

FIG. **1** is a top, front, left side perspective view of a battery converter, showing my design;
FIG. **2** is a bottom, rear, right side perspective view thereof;
FIG. **3** is a front elevation view thereof;
FIG. **4** is a rear elevation view thereof;
FIG. **5** is a left side elevation view thereof;
FIG. **6** is a right side elevation view thereof;
FIG. **7** is a top plan view thereof; and,
FIG. **8** is a bottom plan view thereof.
The broken lines in the drawings depict portions of the battery converter that form no part of the claimed design.

1 Claim, 8 Drawing Sheets





(56) **References Cited**

OTHER PUBLICATIONS

"Motorola IMPRES Single Unit Rapid Charger". Found online Dec. 30, 2020 at amazon.com. Reference dated Jan. 7, 2015. Retrieved from https://www.amazon.com/WPLN4232A-WPLN4232-Original-Motorola-MOTOTRBO/dp/B00RYBT6K8. (Year: 2015).*
"Makita Lithium-Ion Cordless Power Source". Found online Jan. 4, 2021 at homedepot.com. Reference dated Jul. 17, 2016. Retrieved from https://www.homedepot.com/p/Makita-18-Volt-LXT-Lithium-Ion-Cordless-Power-Source-with-2-USB-ports-ADP05/206816298. (Year: 2016).*

* cited by examiner

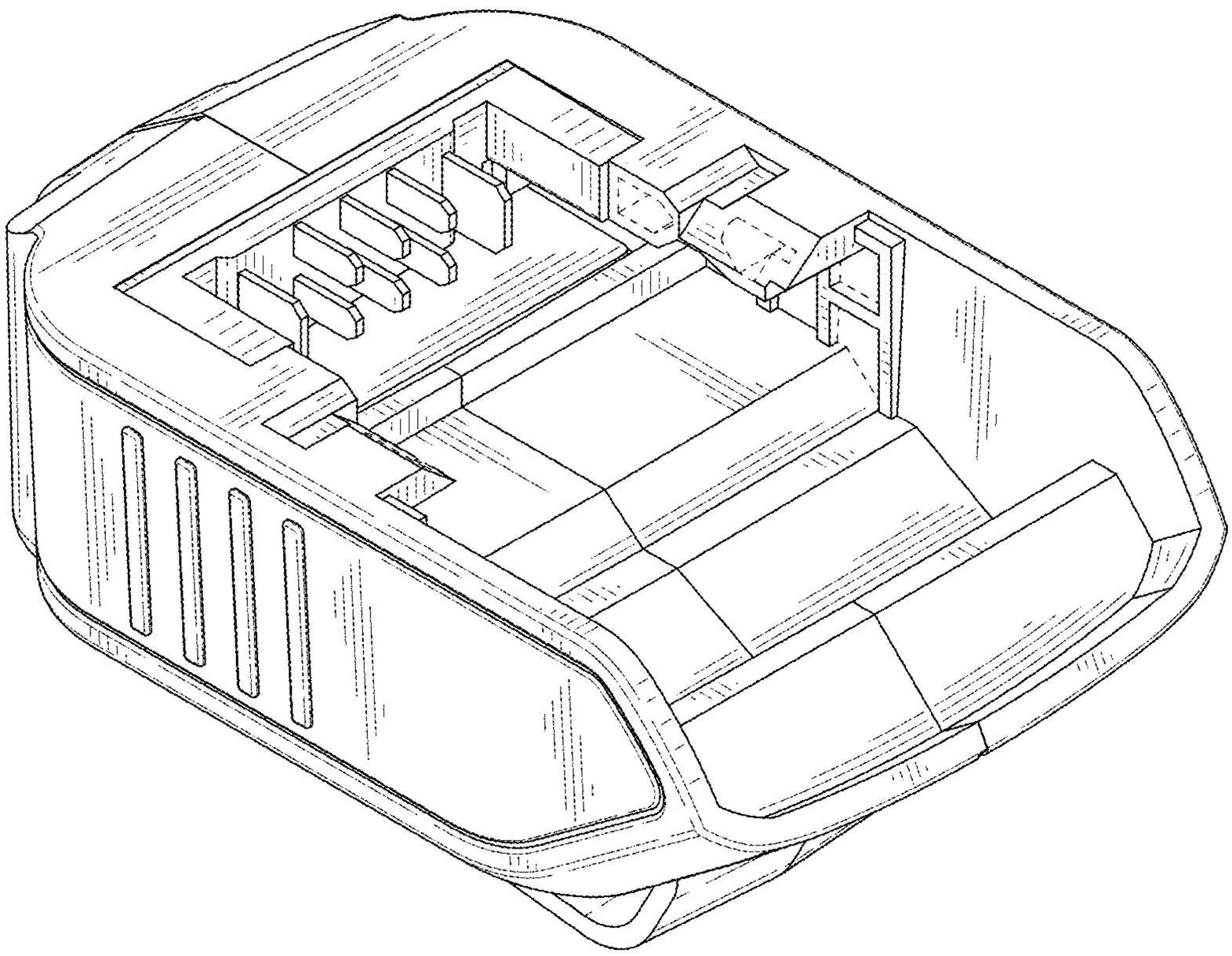


FIG. 1

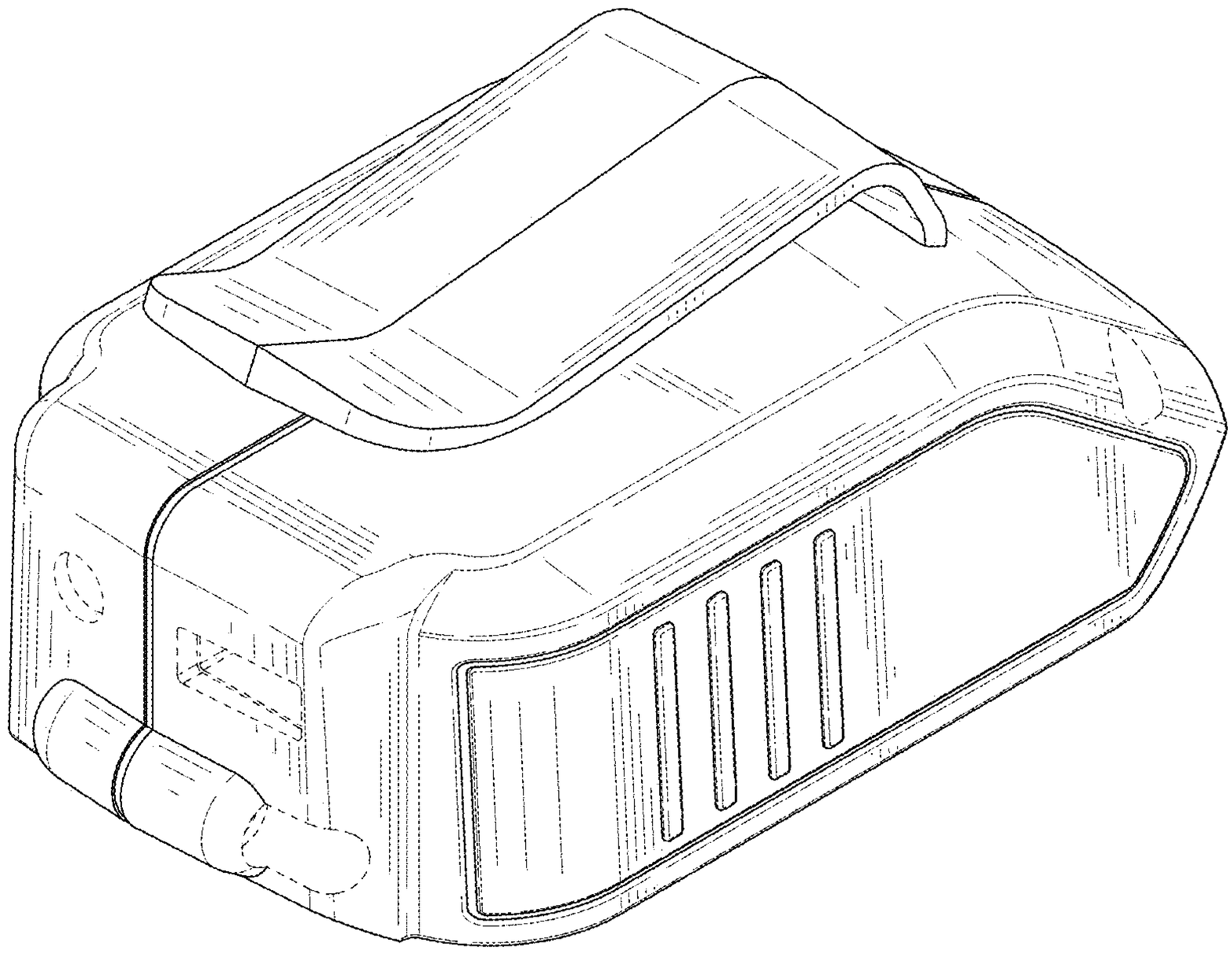


FIG. 2

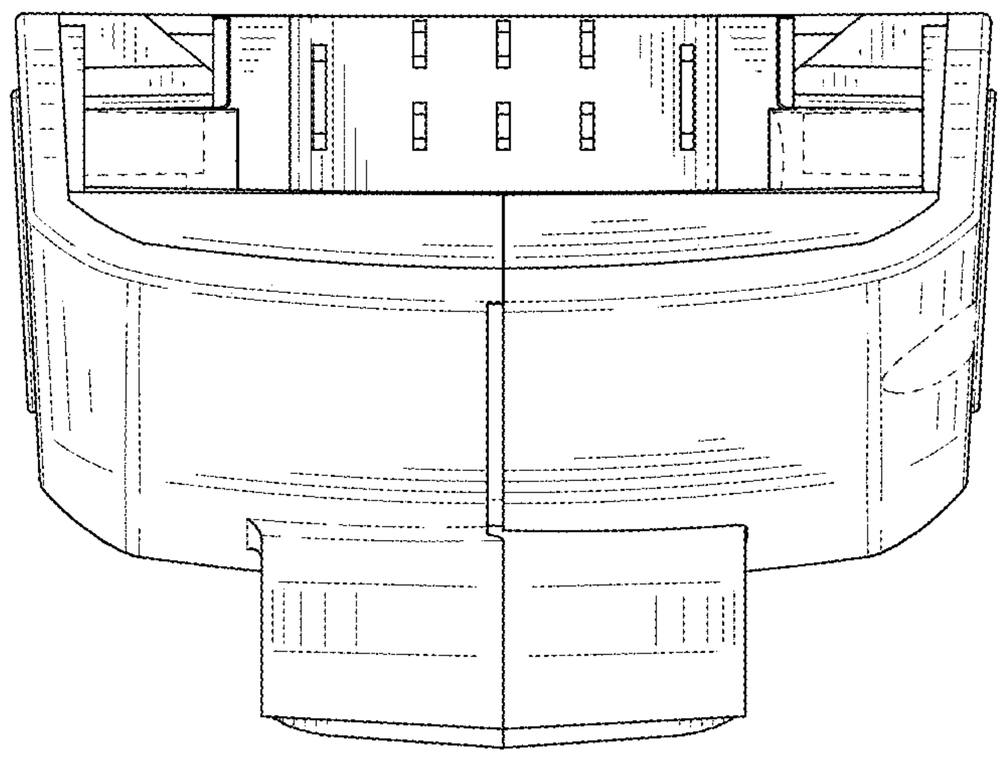


FIG. 3

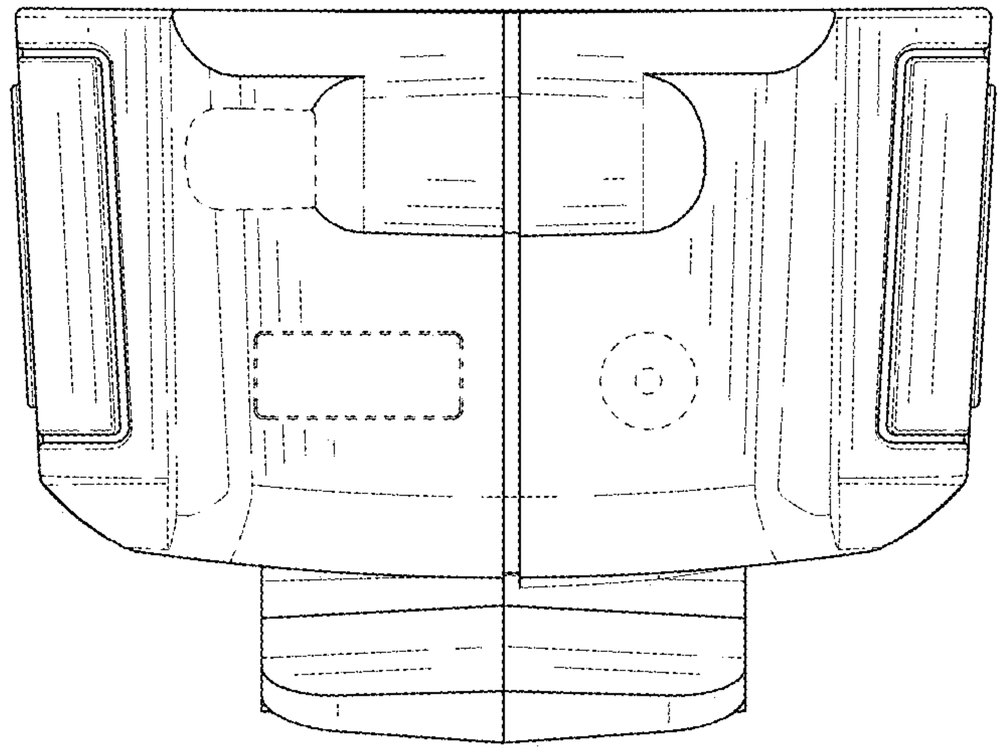


FIG. 4

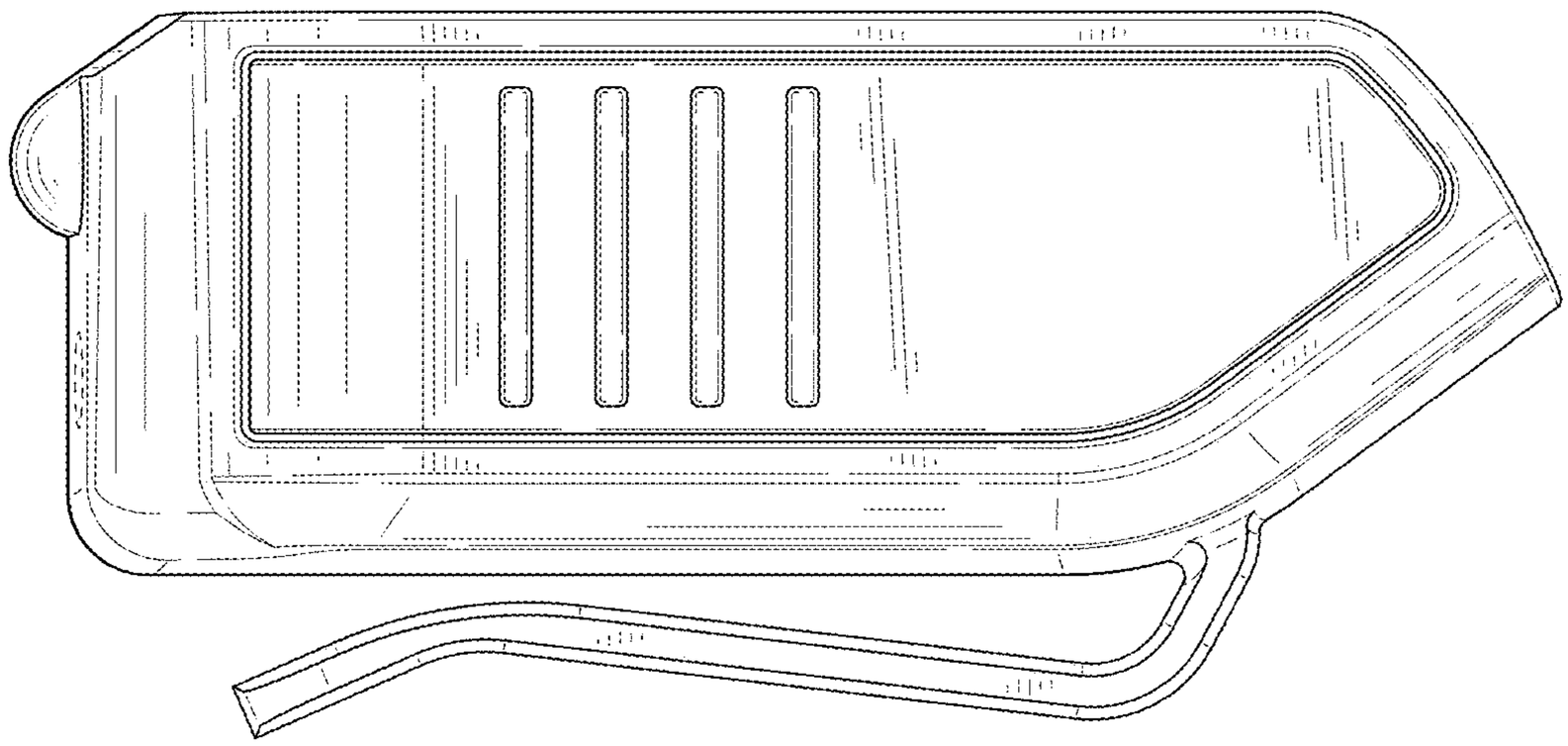


FIG. 5

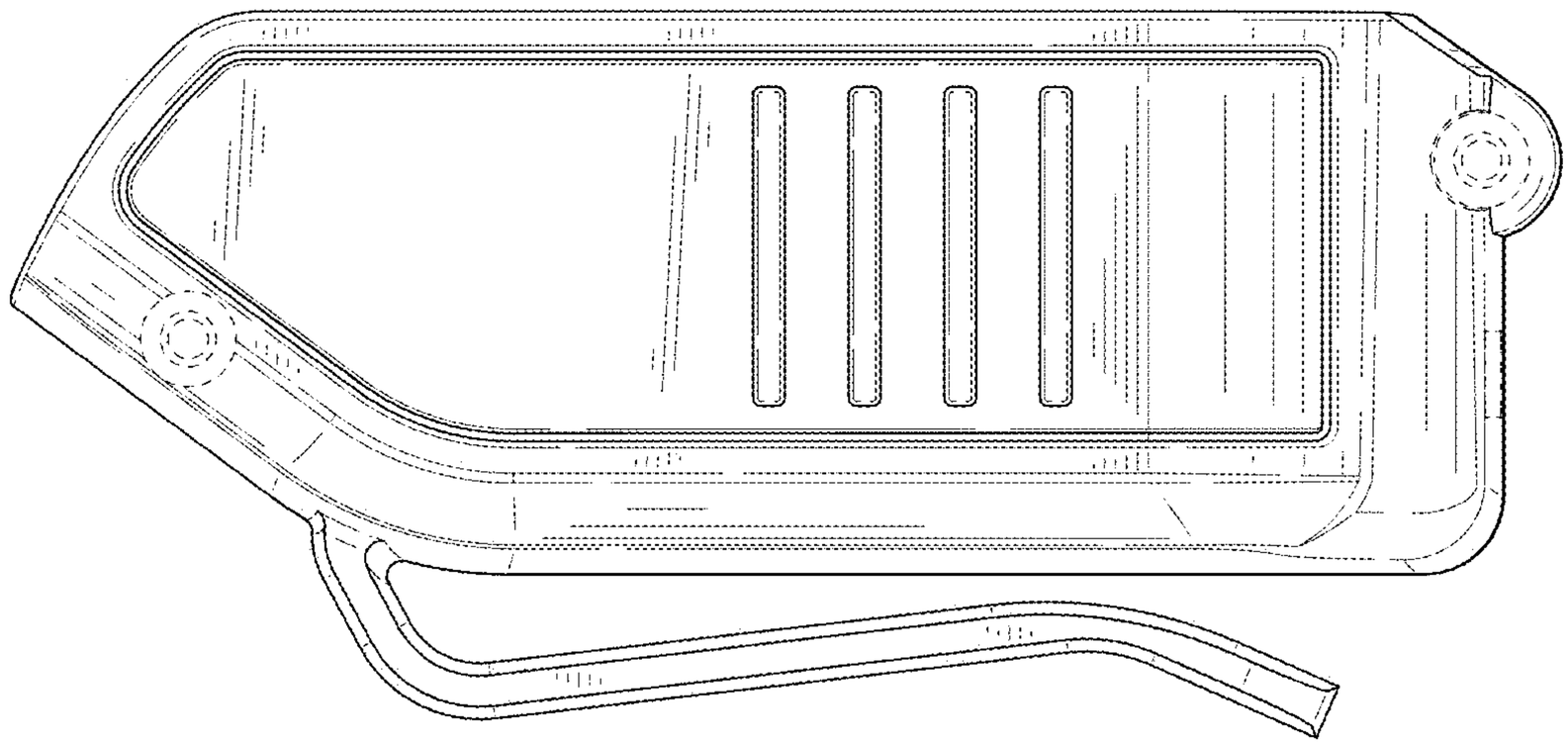


FIG. 6

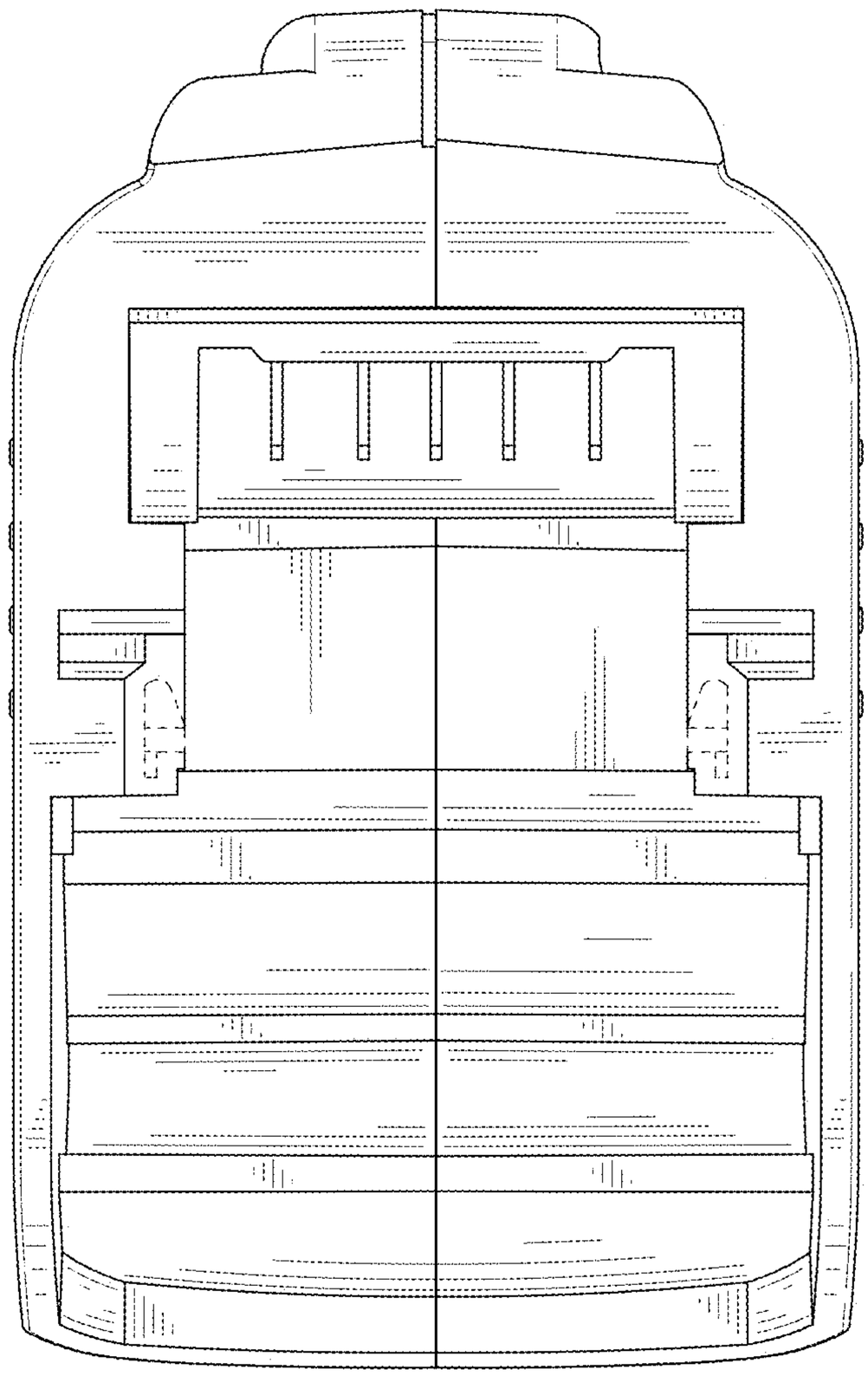


FIG. 7

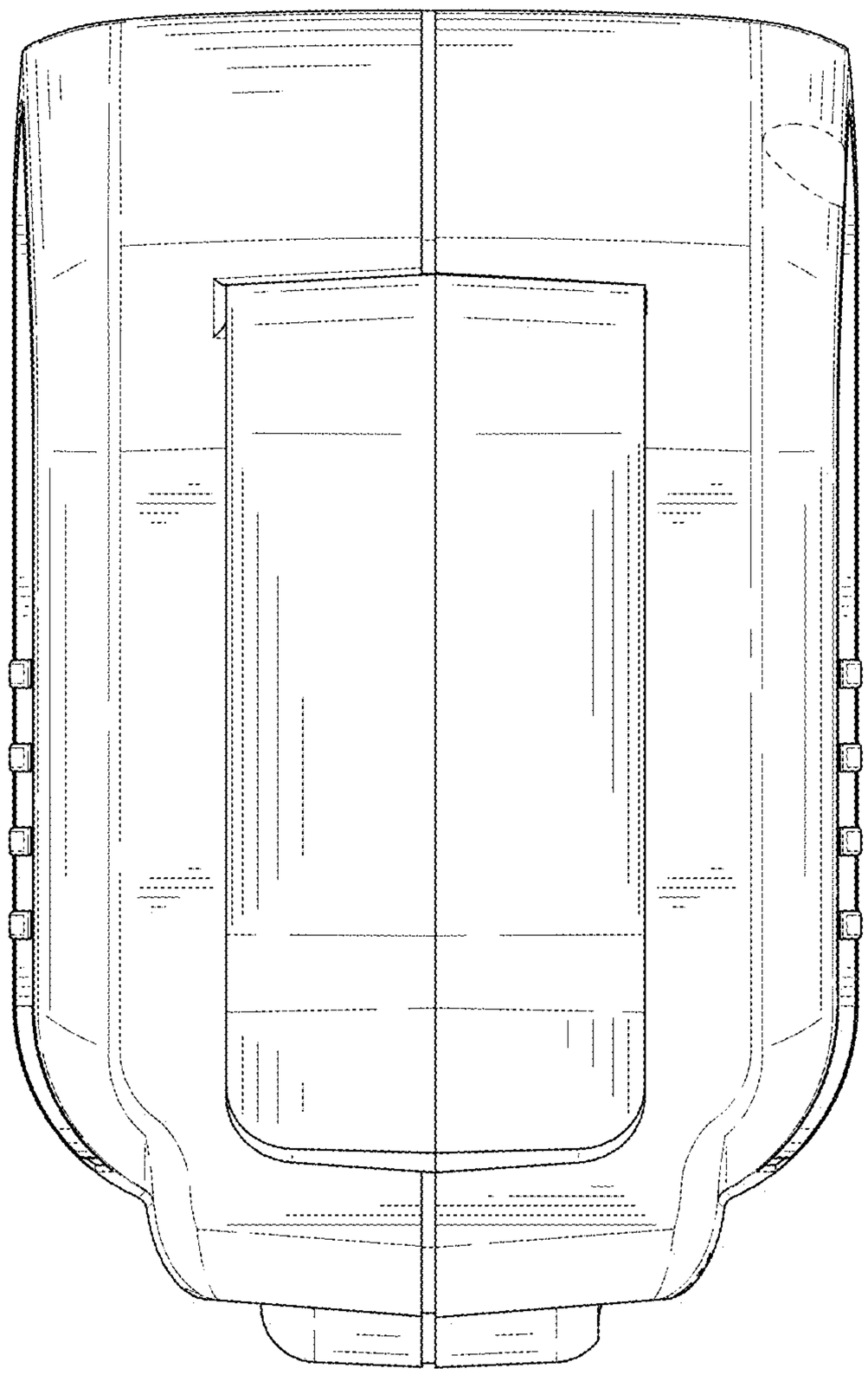


FIG. 8