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(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,064 S**
Phanco et al. (45) **Date of Patent:** **** Aug. 19, 2025**

(54) **BATTERY CASE**

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

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Related U.S. Application Data

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Oct. 18, 2022.

(51) **LOC (15) Cl.** **13-02**

(52) **U.S. Cl.** **D13/103**
USPC

(58) **Field of Classification Search**
USPC D13/103, 104, 107, 110, 112, 118, 119,
D13/184, 199, 108; D14/140.4

CPC H02J 7/02; H02J 7/0044
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D373,362	S	*	9/1996	Kuroiwa	.....	D14/140.4
D485,537	S		1/2004	Hindle et al.		
D658,579	S	*	5/2012	Miyawaki	.....	D13/104
D699,669	S		2/2014	Kasaba et al.		
D750,558	S	*	3/2016	Yamachi	.....	D13/103
D758,301	S		6/2016	Miyawaki et al.		
D805,473	S	*	12/2017	Montgomery	.....	D13/110
D816,610	S	*	5/2018	Lai	.....	D13/110
D823,249	S	*	7/2018	Aiba	.....	D13/110

D847,745 S * 5/2019 Kasaba D13/119

D872,019 S 1/2020 Chen

D895,547 S 9/2020 Kuo et al.

(Continued)

FOREIGN PATENT DOCUMENTS

CN 307390244 * 6/2022

CN 307725014 * 12/2022

(Continued)

OTHER PUBLICATIONS

58V Slimline Battery, date referenced Dec. 2, 2021, data retrieved
at <https://www.hydro-gear.com/product/58v/> (Year: 2021).*

(Continued)

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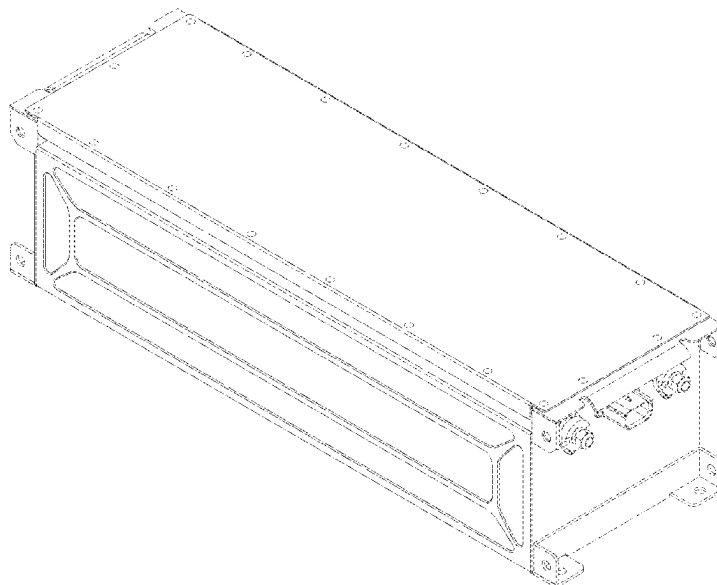
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a design for a battery case.
FIG. 2 is a front view of the design shown in FIG. 1.
FIG. 3 is a rear view of the design shown in FIG. 1.
FIG. 4 is a top view of the design shown in FIG. 1.
FIG. 5 is a bottom view of the design shown in FIG. 1.
FIG. 6 is a first side view of the design shown in FIG. 1; and,
FIG. 7 is a second side view of the design shown in FIG. 1.
In the drawings, the broken lines are for the purposes of
illustrating portions of the battery case that form no part of
the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D915,313	S	*	4/2021	Alfredsson	.....	D13/184
D917,383	S		4/2021	Naito et al.		
D936,581	S		11/2021	Chao et al.		
D966,210	S	*	10/2022	Tan	.....	D13/184
D976,832	S		1/2023	Jorgensen et al.		
D1,008,987	S		12/2023	Krivosnak et al.		
D1,011,291	S		1/2024	Hu		

FOREIGN PATENT DOCUMENTS

CN	308027055	5/2023
KR	301263020.0000	5/2024

OTHER PUBLICATIONS

Eco Battery, date referenced Sep. 3, 2024, data retrieved at <https://golfcartologystore.com/products/eco-battery-51v-48v-105ah-skinny-lithium-battery-only> (Year: 2024).*

58V Slimline Battery, Product Card retrieved at <https://www.hydro-gear.com/product/58v/>, date referenced Dec. 2, 2021, 2 pp.

Eco Battery, webpage retrieved at <https://golfcartologystore.com/products/eco-battery-51v-48v-105ah-skinny-lithium-battery-only>, date referenced Aug. 7, 2024, 1 p.

* cited by examiner

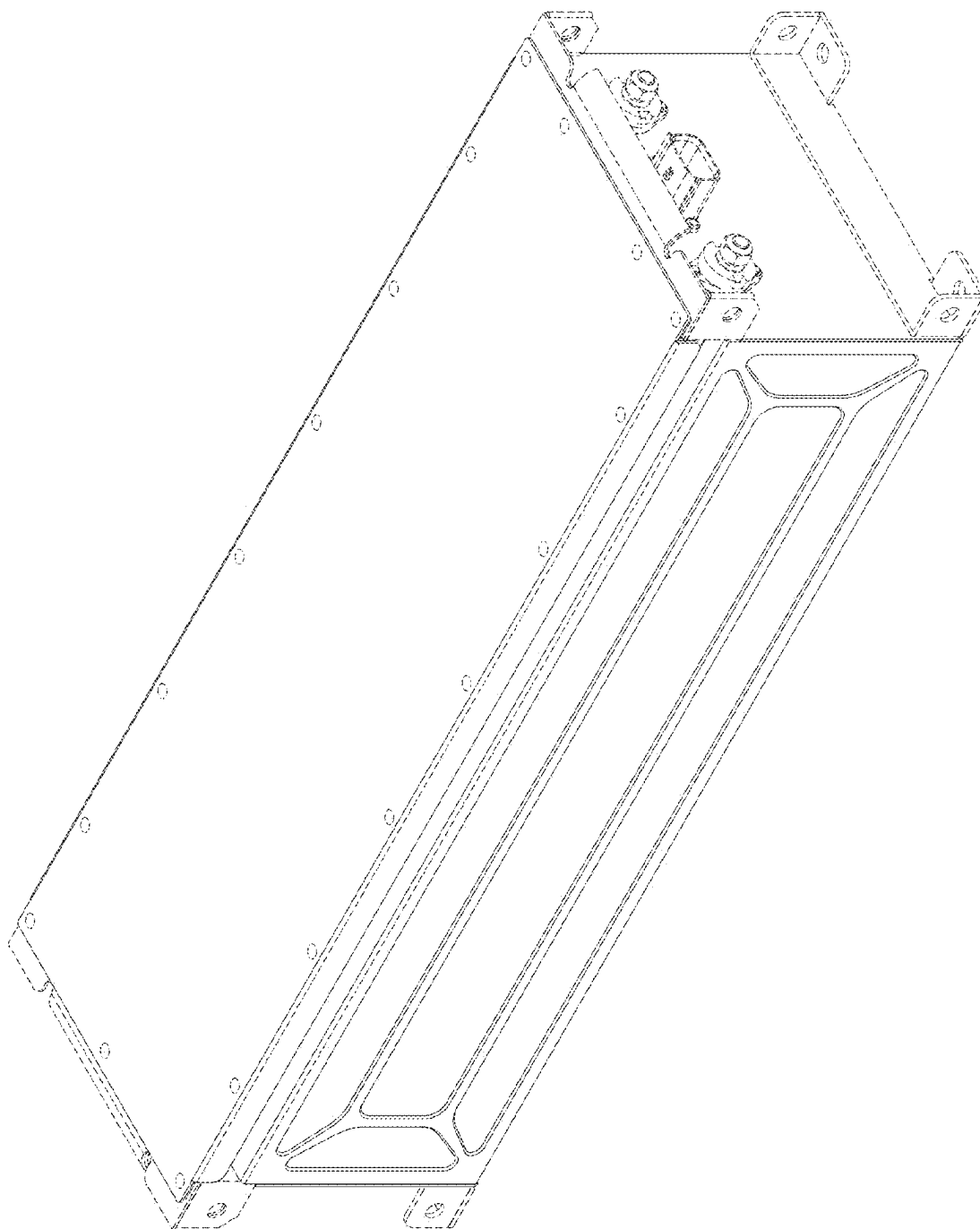


FIG. 1

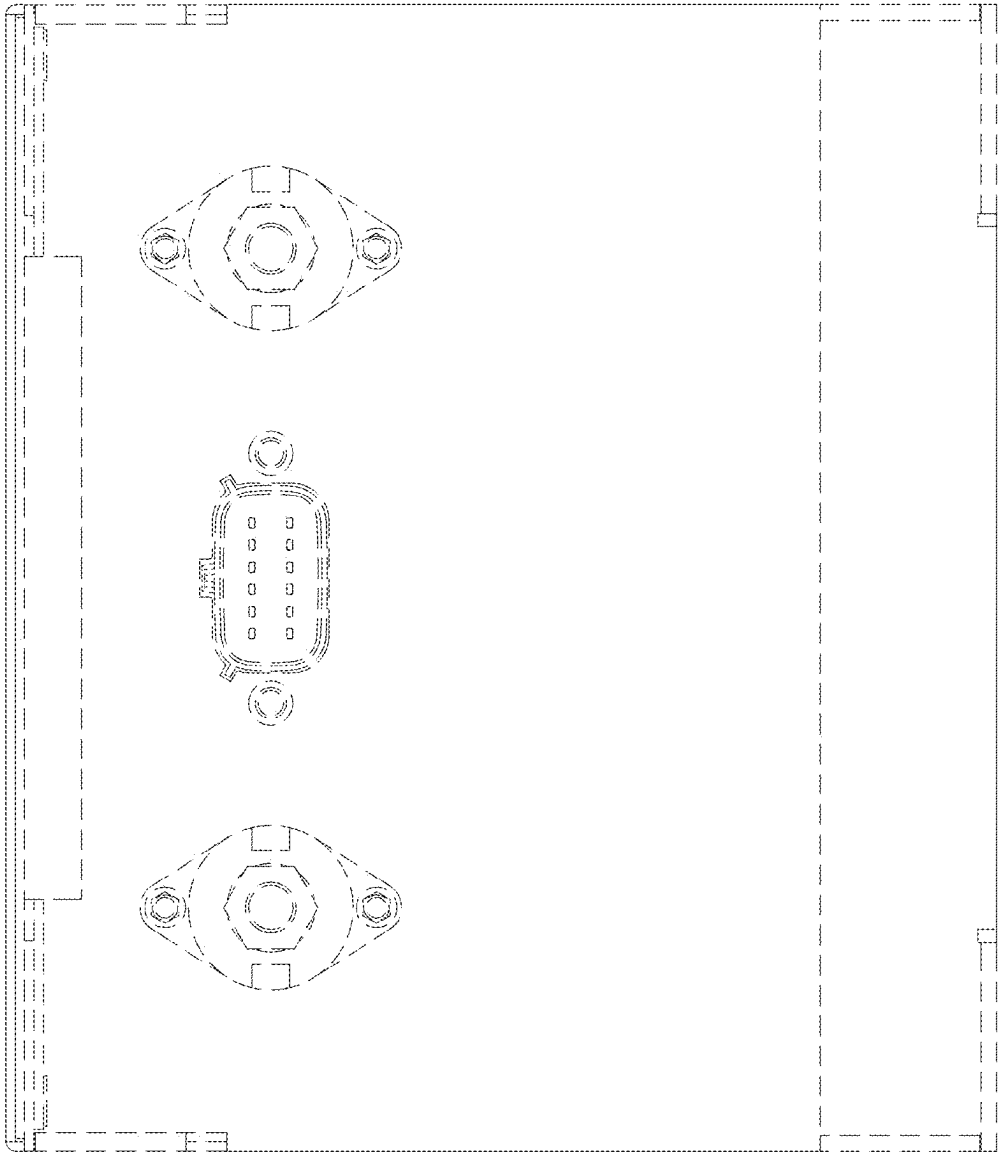


FIG. 2

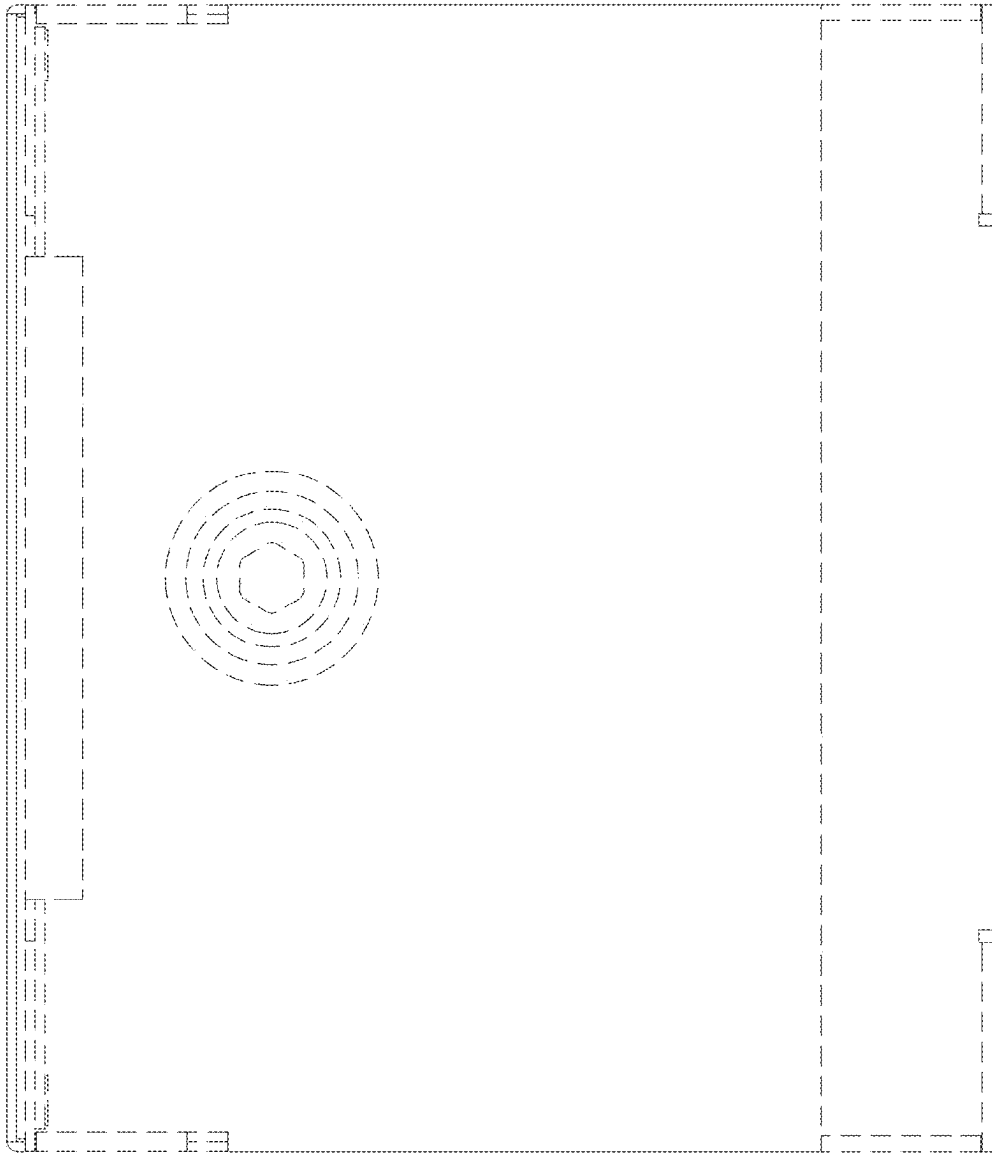


FIG. 3

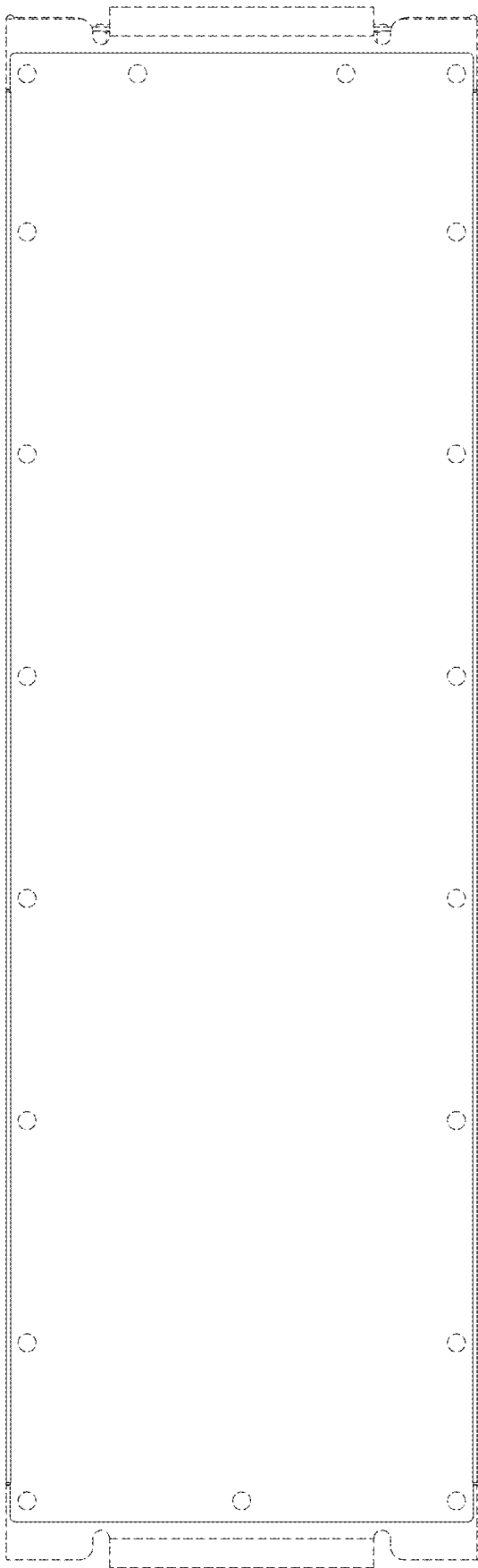


FIG. 4

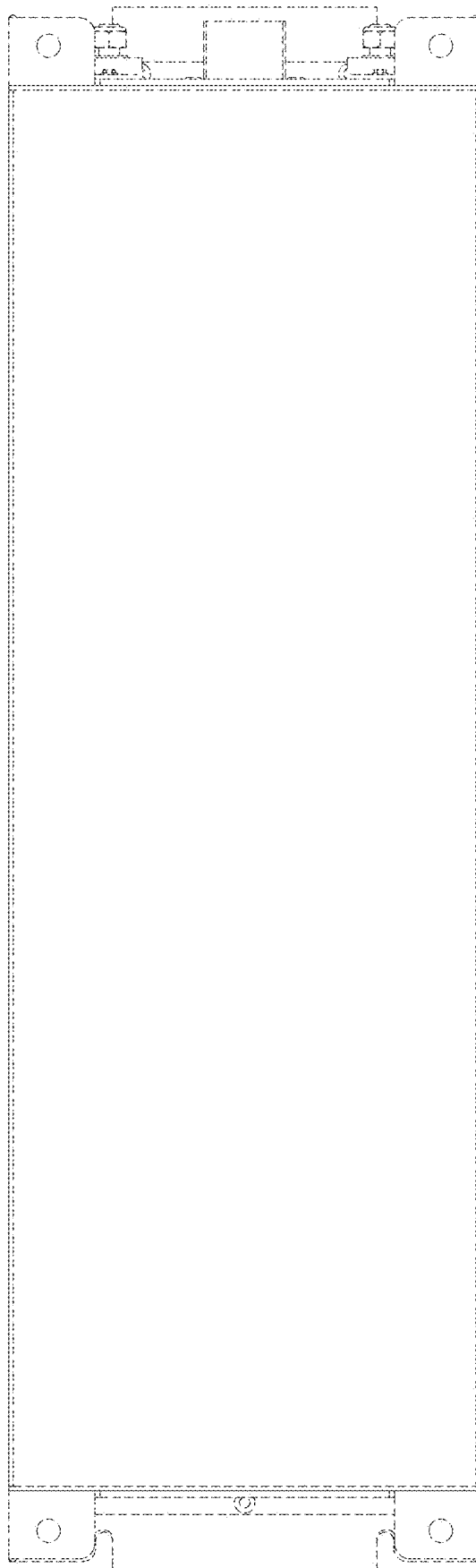


FIG. 5

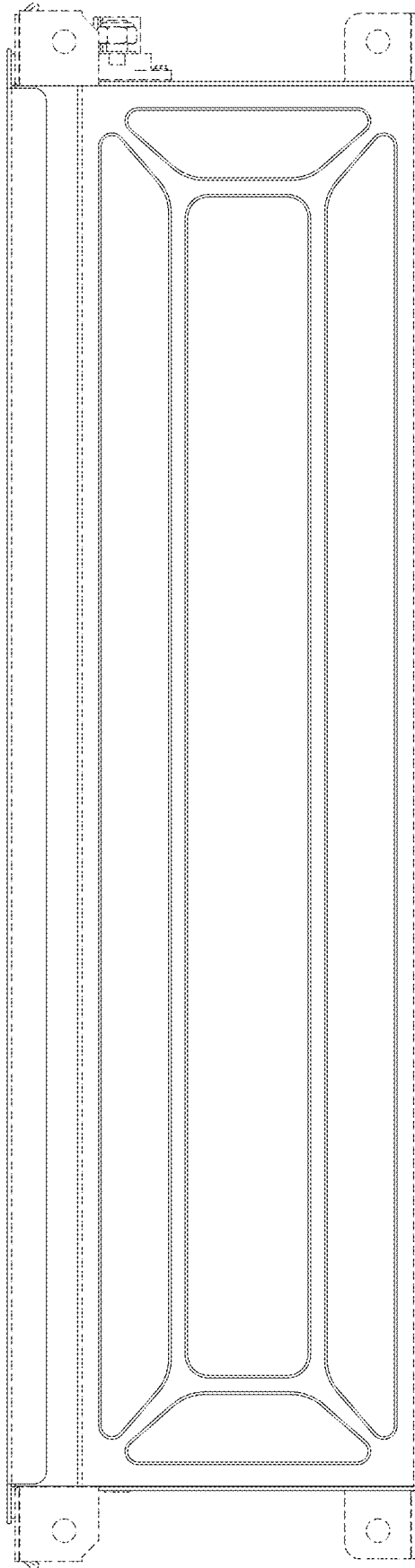


FIG. 6

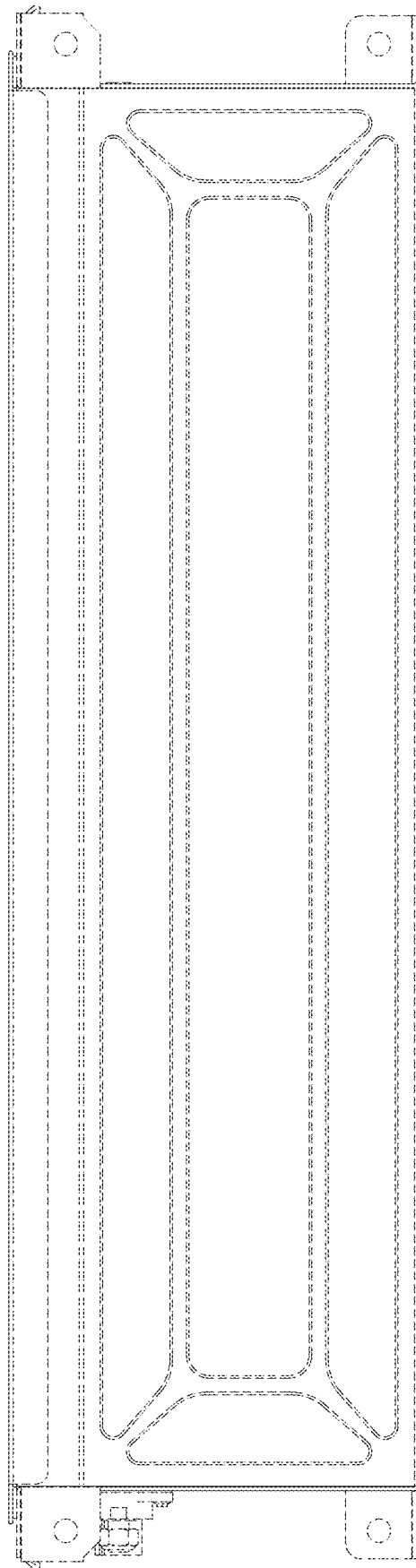


FIG. 7