



US0D1051823S

(12)

United States Design Patent

Shum

(10)

Patent No.:

US D1,051,823 S

(45)

Date of Patent:

** Nov. 19, 2024

(54) JUMP STARTER

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(**) Term: 15 Years

(21) Appl. No.: 29/792,960

(22) Filed: May 2, 2022

(51) LOC (14) Cl. 13-02

(52) U.S. Cl. USPC D13/120

(58) Field of Classification Search
USPC D13/103, 107, 108, 109, 110, 118, 119, 120, 162, 184, 199
CPC H01M 10/46; H02J 7/00; H02J 7/0044; H02J 7/0045; H02J 9/00; H02J 90/00; Y02E 10/00; Y02E 70/00; Y02T 90/10; Y02T 90/14; Y02T 9/10
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D413,098 S	*	8/1999	Dayan	D13/110
D444,125 S	*	6/2001	Shy	D13/110
D464,619 S	*	10/2002	Krieger	D13/110
D464,620 S	*	10/2002	Krieger	D13/110
D464,935 S	*	10/2002	Krieger	D13/110
D594,406 S	*	6/2009	Ellsworth	D13/107
D609,634 S	*	2/2010	Daniels	D13/110
D620,881 S	*	8/2010	Daniels	D13/107
D624,492 S	*	9/2010	Daniels	D13/110
D636,332 S	*	4/2011	Hsu	D14/196
D654,865 S	*	2/2012	DuMelle	D13/107
D722,954 S	*	2/2015	James	D13/107
D742,308 S	*	11/2015	James	D13/107
D762,167 S	*	7/2016	Inskeep	D13/107

9,693,470 B2	*	6/2017	Itoh	H04R 1/02
D793,336 S	*	8/2017	Inskeep	D13/107
D811,324 S	*	2/2018	Inskeep	D15/9
D856,276 S	*	8/2019	Vetu	D13/107
D856,924 S	*	8/2019	Yang	D13/108
D917,569 S	*	4/2021	Youngblutt	D15/7

(Continued)

FOREIGN PATENT DOCUMENTS

CA	143281	*	4/2012
CA	154254	*	7/2014

(Continued)

OTHER PUBLICATIONS

Chenergy Jump Starter, Posted date Jan. 31, 2022, [Online], [Retrieved Jan. 9, 2024] Retrieved From Internet, <https://www.amazon.com/Tyrell-Chenergy-Jump-Starter-Compressor/dp/B0988YMLXX/> (Year: 2022).*

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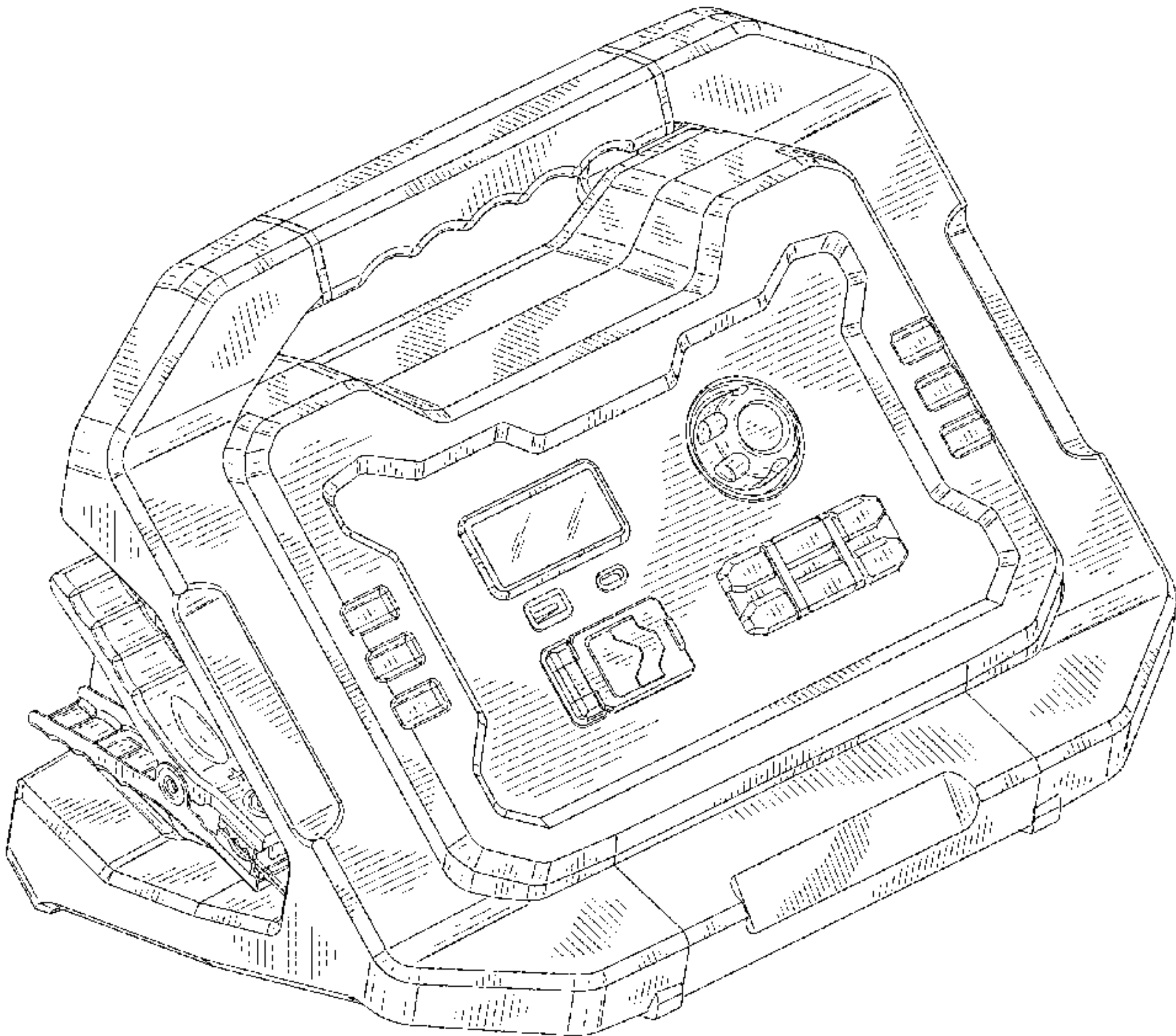
(57) CLAIM

The ornamental design for a jump starter, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the jump starter.
FIG. 2 is a bottom perspective view of the jump starter.
FIG. 3 is a top view of the jump starter.
FIG. 4 is a bottom view of the jump starter.
FIG. 5 is a left view of the jump starter.
FIG. 6 is a right view of the jump starter.
FIG. 7 is a front view of the jump starter; and,
FIG. 8 is a back view of the jump starter.
The broken lines depict portions of the jump starter that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D935,392 S * 11/2021 Shum D15/9
2015/0091392 A1* 4/2015 Hwang H02J 7/0045
307/150

FOREIGN PATENT DOCUMENTS

CA 171615 * 6/2017
HK 0500325-0001 * 3/2005
JP D1693416 * 8/2021
JP D1704177 * 1/2022
MX 20494-0001 * 8/2006

* cited by examiner

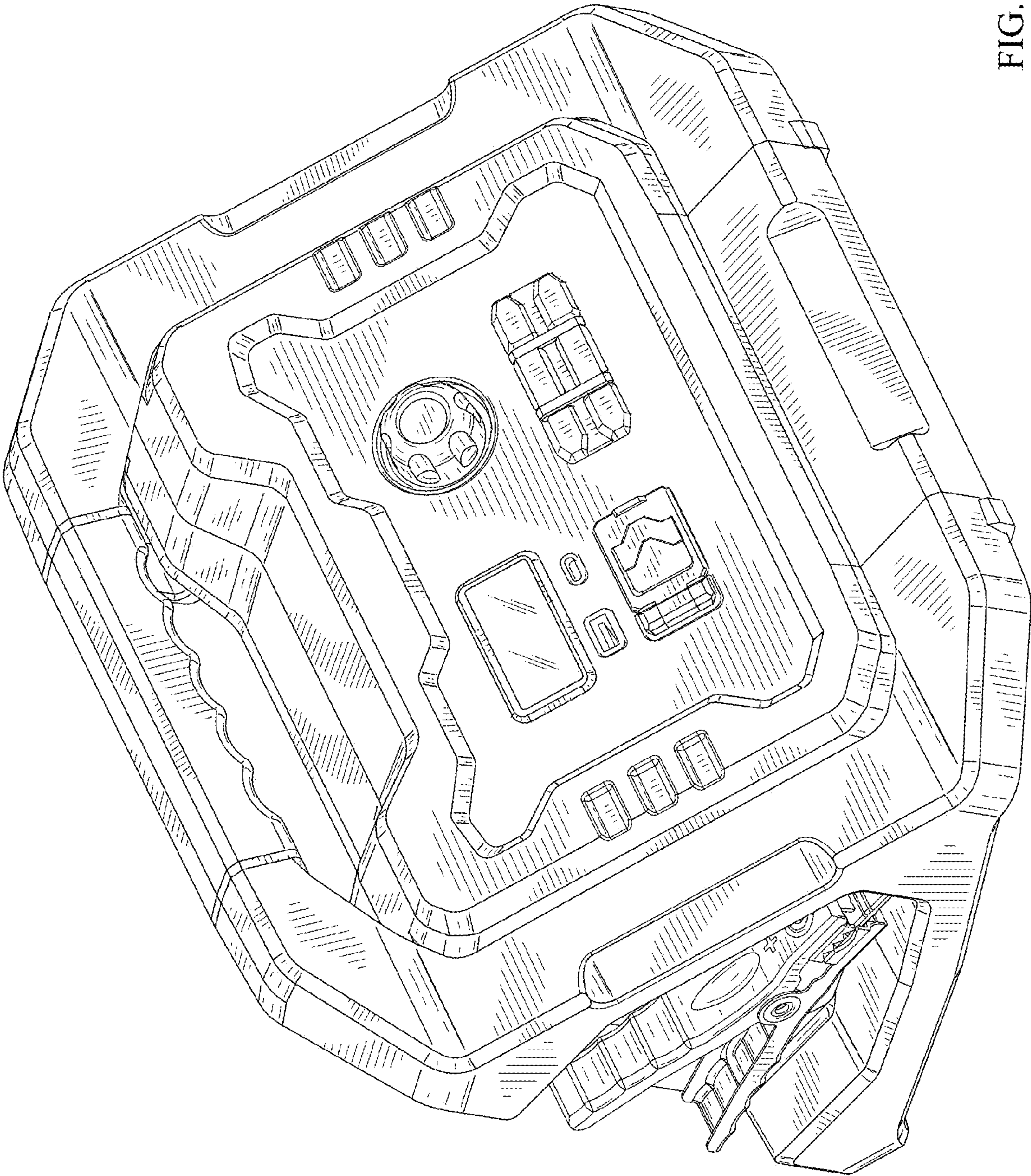


FIG. 1

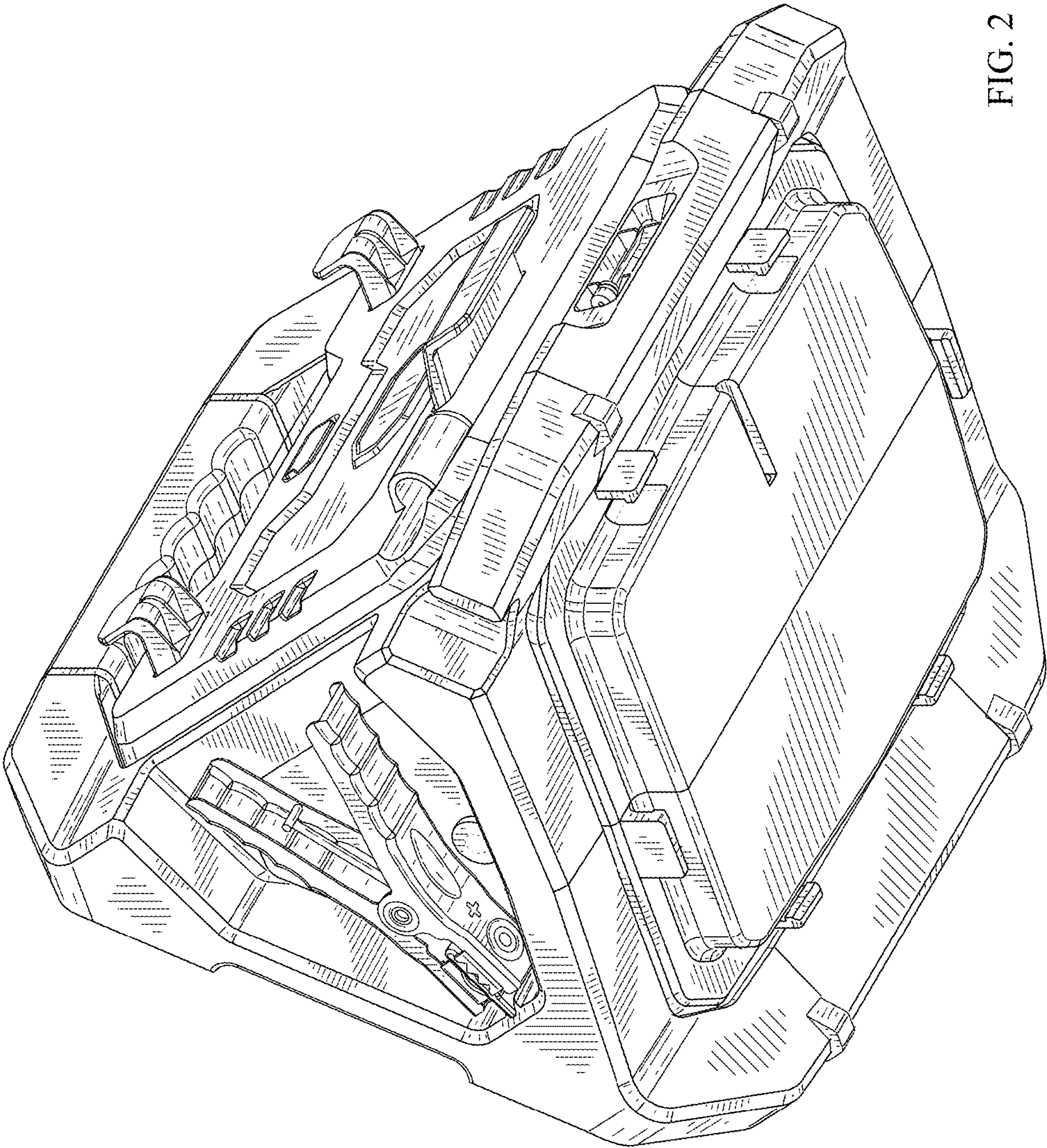


FIG. 2

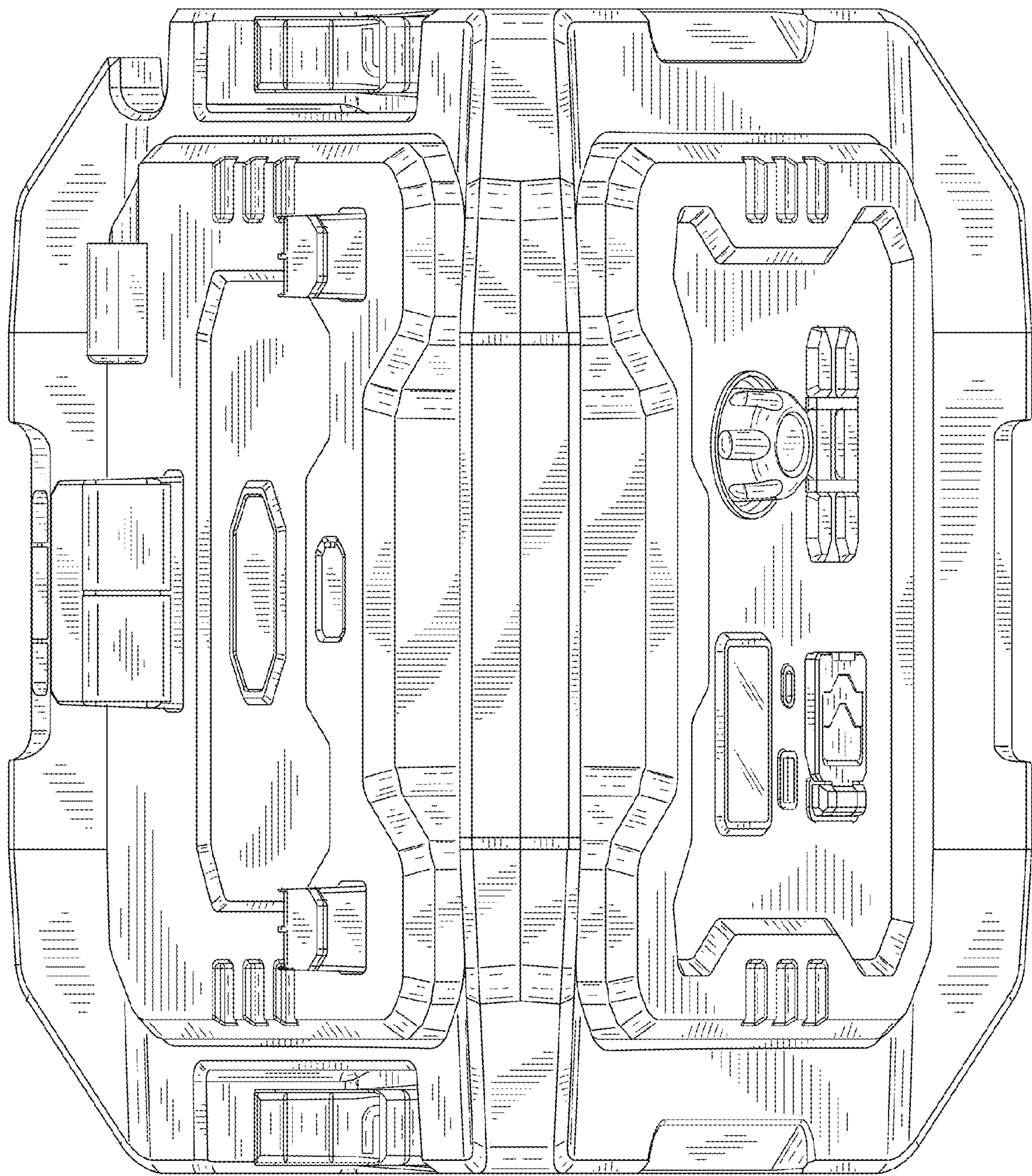


FIG. 3

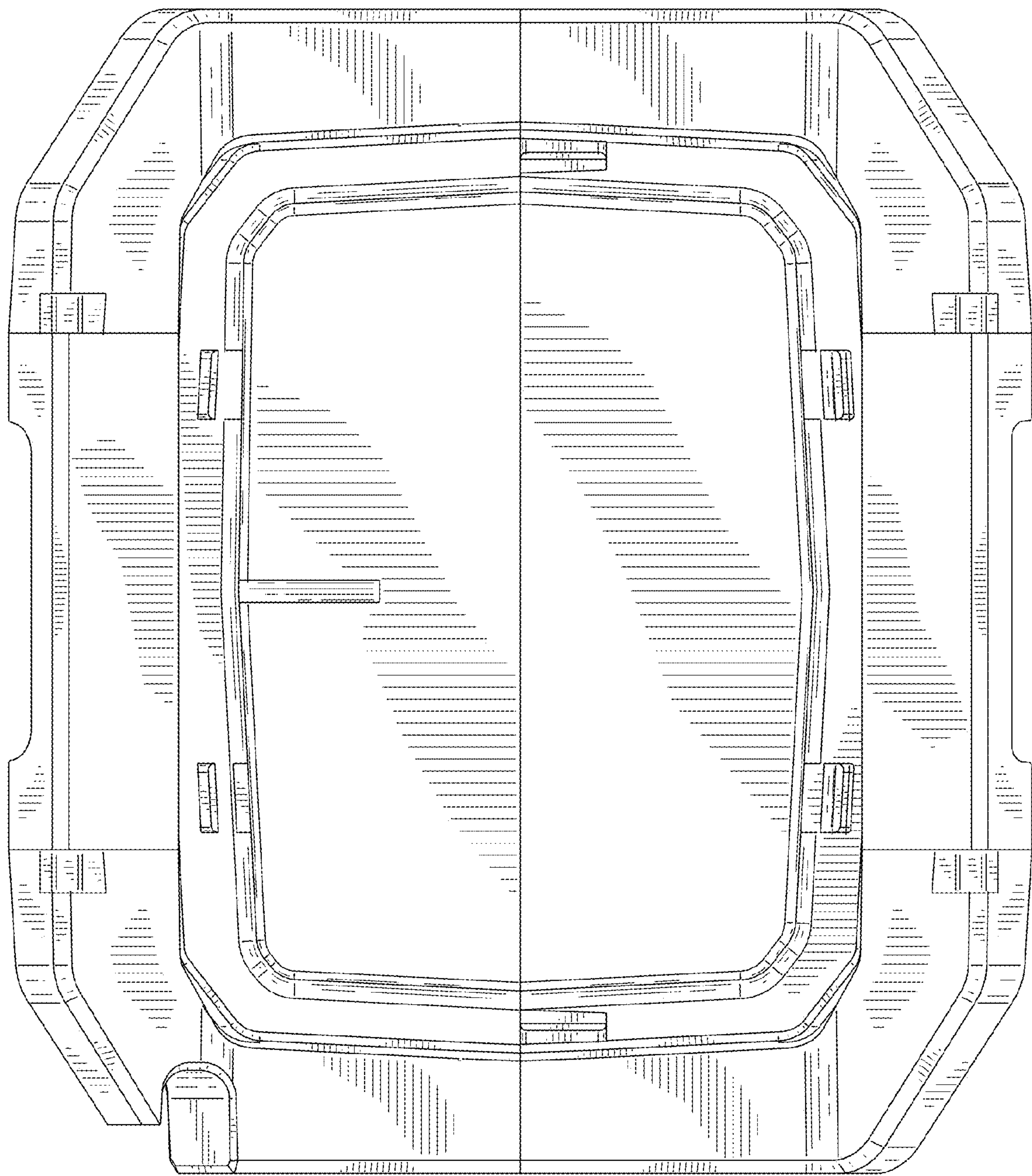


FIG. 4

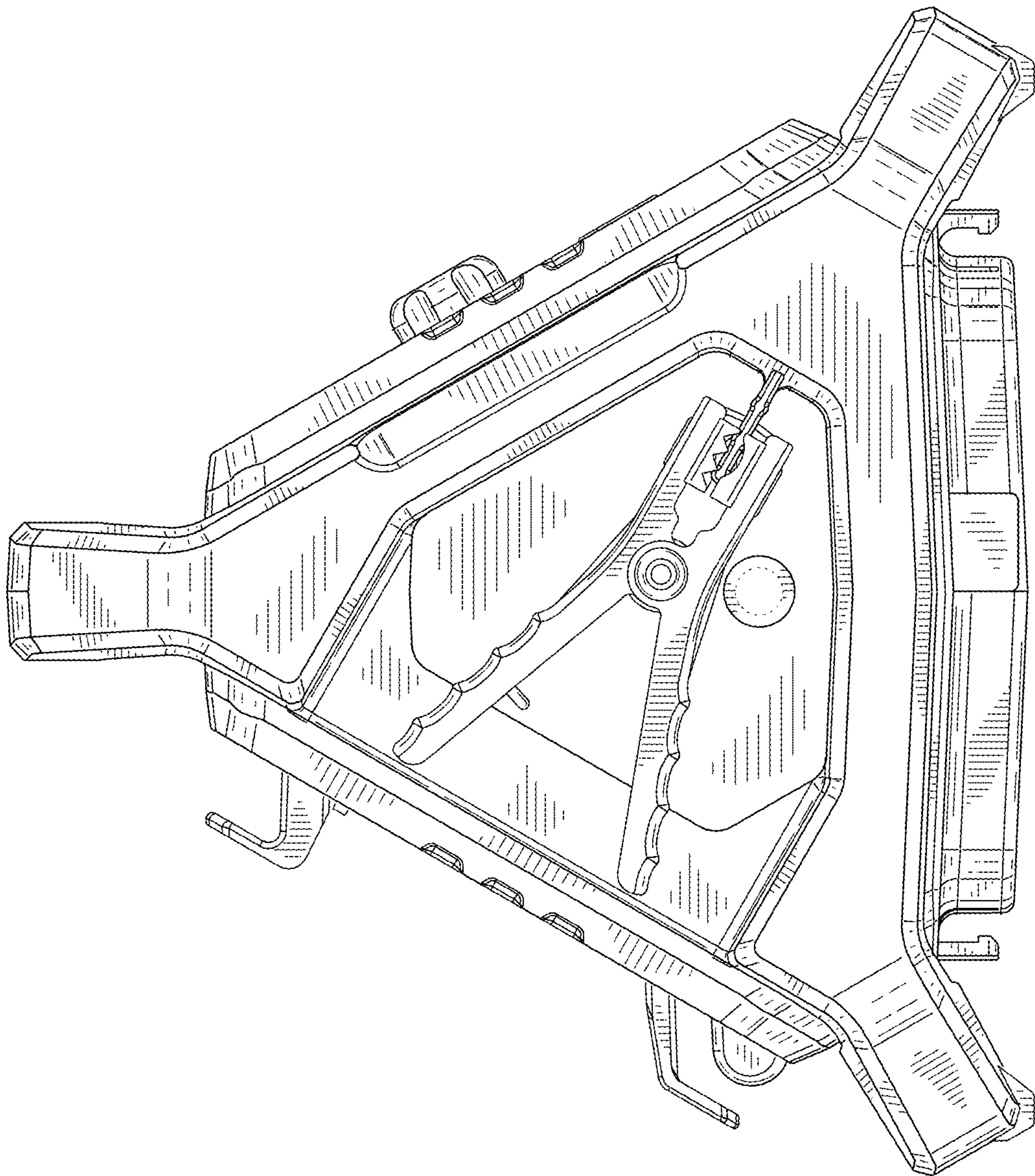


FIG. 5

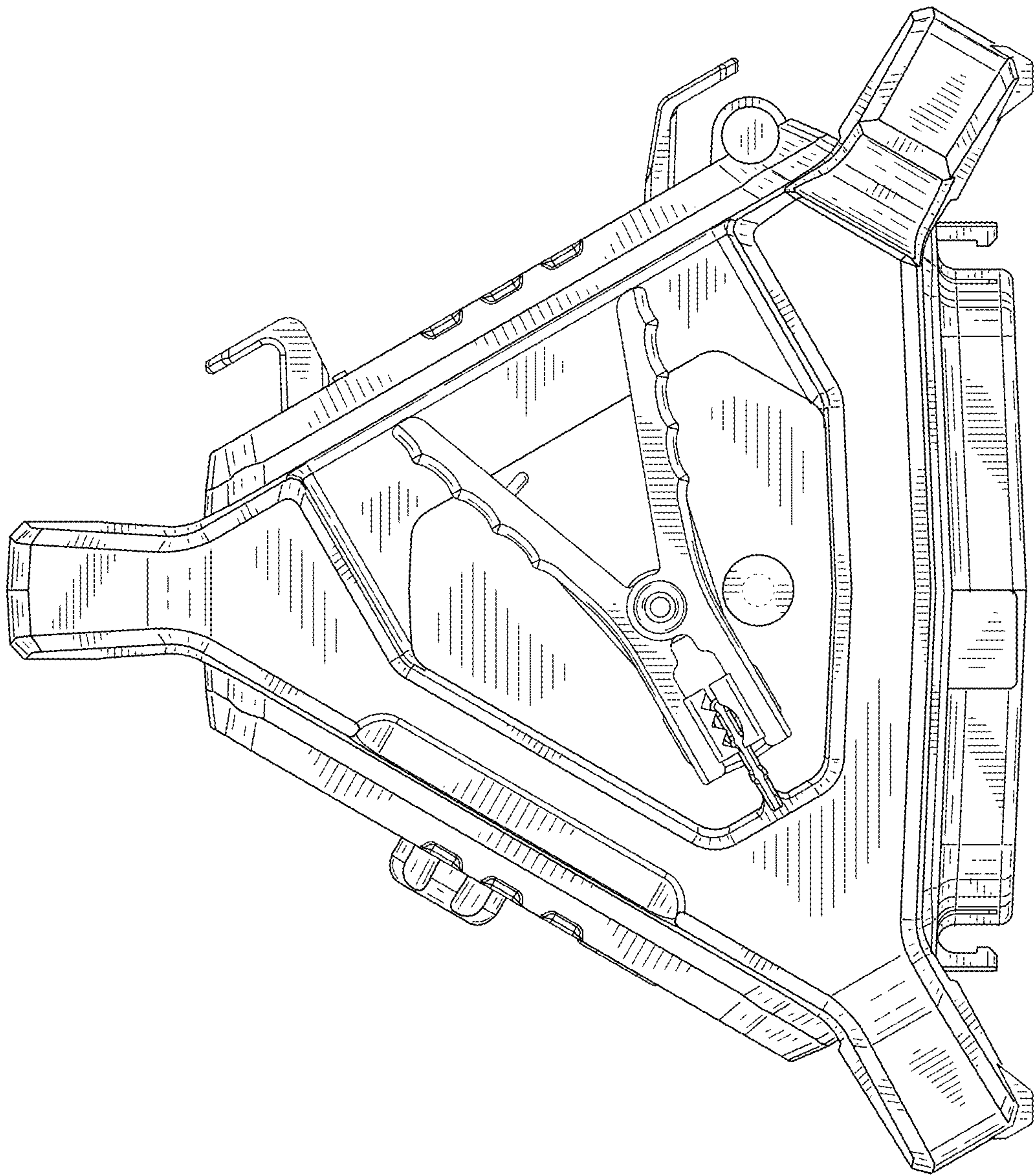


FIG. 6

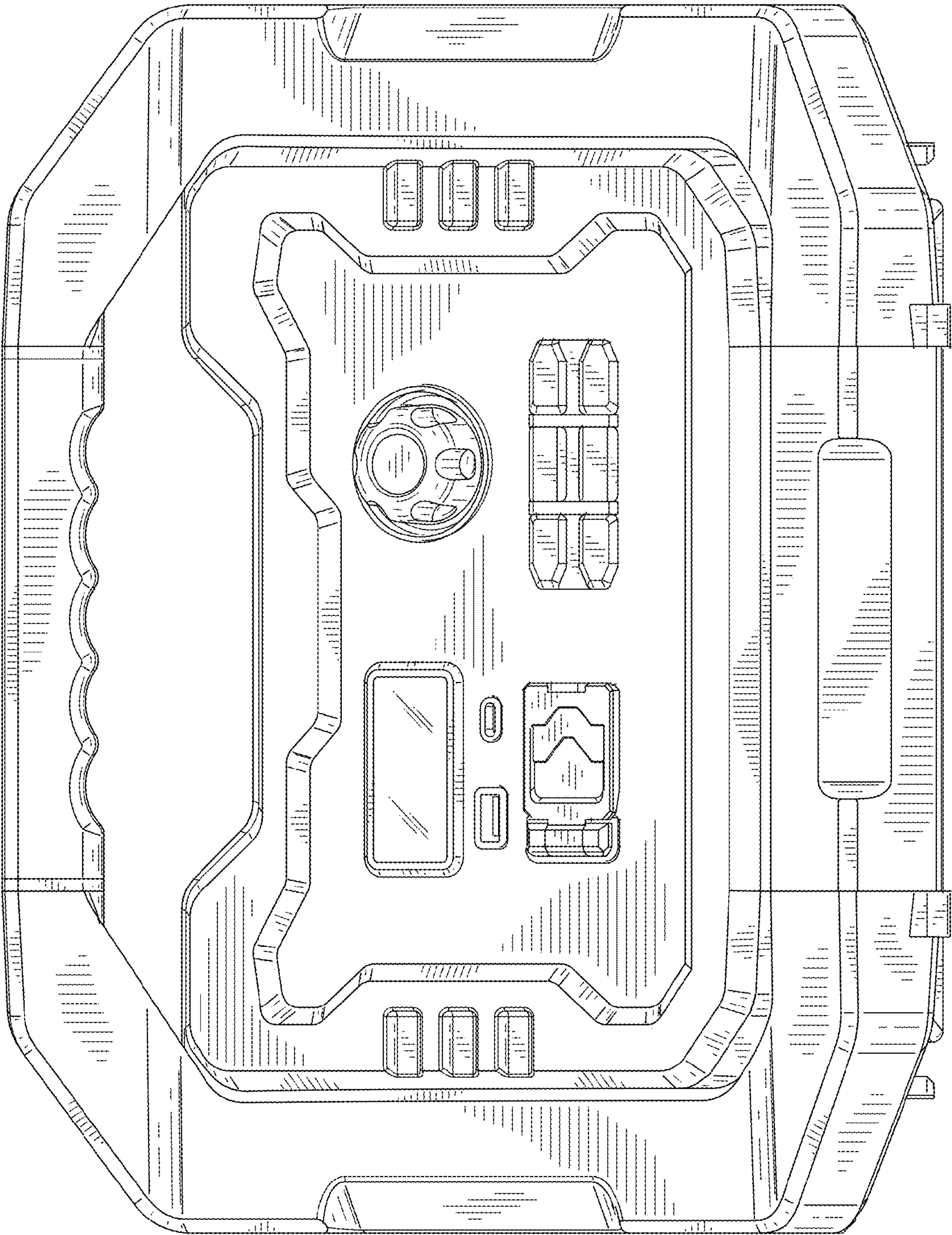


FIG. 7

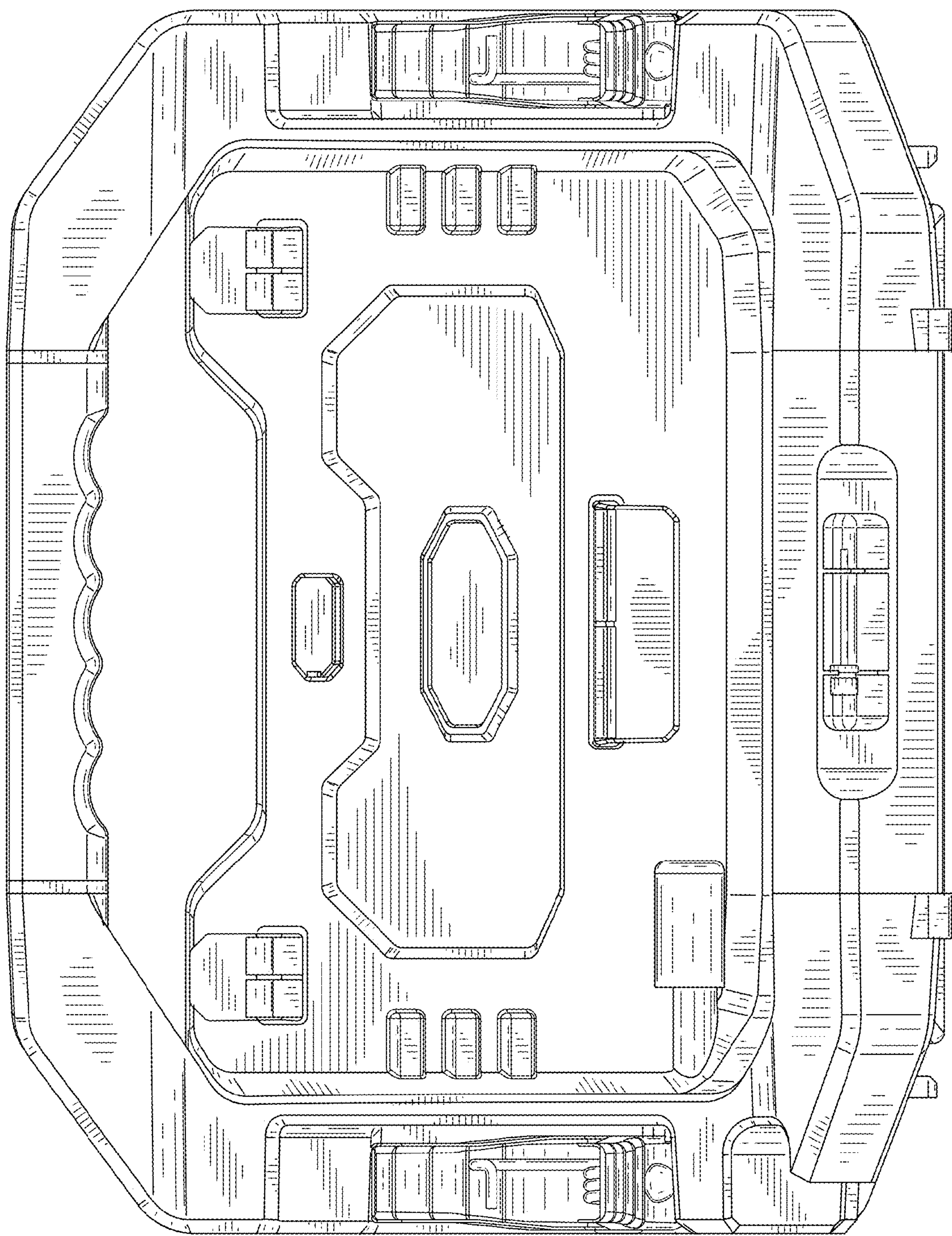


FIG. 8