



US0D1083820S

(12) **United States Design Patent** (10) **Patent No.: US D1,083,820 S**
Shum et al. (45) **Date of Patent: ** Jul. 15, 2025**

(54) **JUMP STARTER**

(71) Applicant: **Vector Products, Inc.**, Boca Raton, FL (US)

(72) Inventors: **Ling To Shum**, Boca Raton, FL (US);
Joseph Blaine Cooper, East Boston, MA (US)

(73) Assignee: **Vector Products, Inc.**, Boca Raton, FL (US)

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

(21) Appl. No.: **29/952,179**

(22) Filed: **Jul. 15, 2024**

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

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

(58) **Field of Classification Search**
USPC D13/103, 104, 107, 108, 110, 118–120,
D13/137.1, 137.3, 137.4, 183, 184;
D14/240, 251–253, 432–434, 439, 447
CPC . F02N 11/12; F02N 11/14; H02J 15/00; H02J
50/05; H02J 7/025; H02J 7/027; H02J
7/0069; H02J 7/005; H02J 7/02; H02J
7/0042; H02J 7/0045; H02J 7/342; H02J
7/0044; H01R 2201/26

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D429,482 S * 8/2000 Hussaini D13/107
D444,125 S * 6/2001 Shy D13/110
D479,194 S * 9/2003 Casarella D13/107
D482,324 S * 11/2003 James D13/107
D489,733 S * 5/2004 Leasure D15/9
D505,388 S * 5/2005 Krieger D13/107
D508,675 S * 8/2005 Krieger D13/107
D510,723 S * 10/2005 Krieger D13/107
D512,685 S * 12/2005 Krieger D13/107
D513,604 S * 1/2006 Krieger D13/107

D513,733 S * 1/2006 Krieger D13/107
D514,508 S * 2/2006 Krieger D13/107
D514,510 S * 2/2006 Krieger D13/107
D514,511 S * 2/2006 Krieger D13/107
D515,028 S * 2/2006 Krieger D13/107
D523,395 S * 6/2006 Krieger D13/107

(Continued)

FOREIGN PATENT DOCUMENTS

CA 114308 * 1/2008

OTHER PUBLICATIONS

Dewalt Jump Starter, Oct. 24, 2023 [online], [retrieved Oct. 15, 2024]. Retrieved from internet, <https://www.homedepot.com/p/DEWALT-1600-Peak-Amp-Jump-Starter-with-Digital-Compressor-and-USB-Power-Bank-DXAEJ14/325277352>(Year: 2023).*

(Continued)

Primary Examiner — Messina L Smith

Assistant Examiner — Angela C. Ligon

(74) *Attorney, Agent, or Firm* — Sunstein LLP

(57)

CLAIM

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

DESCRIPTION

FIG. 1 is a front perspective view of a jump starter.

FIG. 2 is a back perspective view of the jump starter.

FIG. 3 is a front view of the jump starter.

FIG. 4 is a back view of the jump starter.

FIG. 5 is a left view of the jump starter.

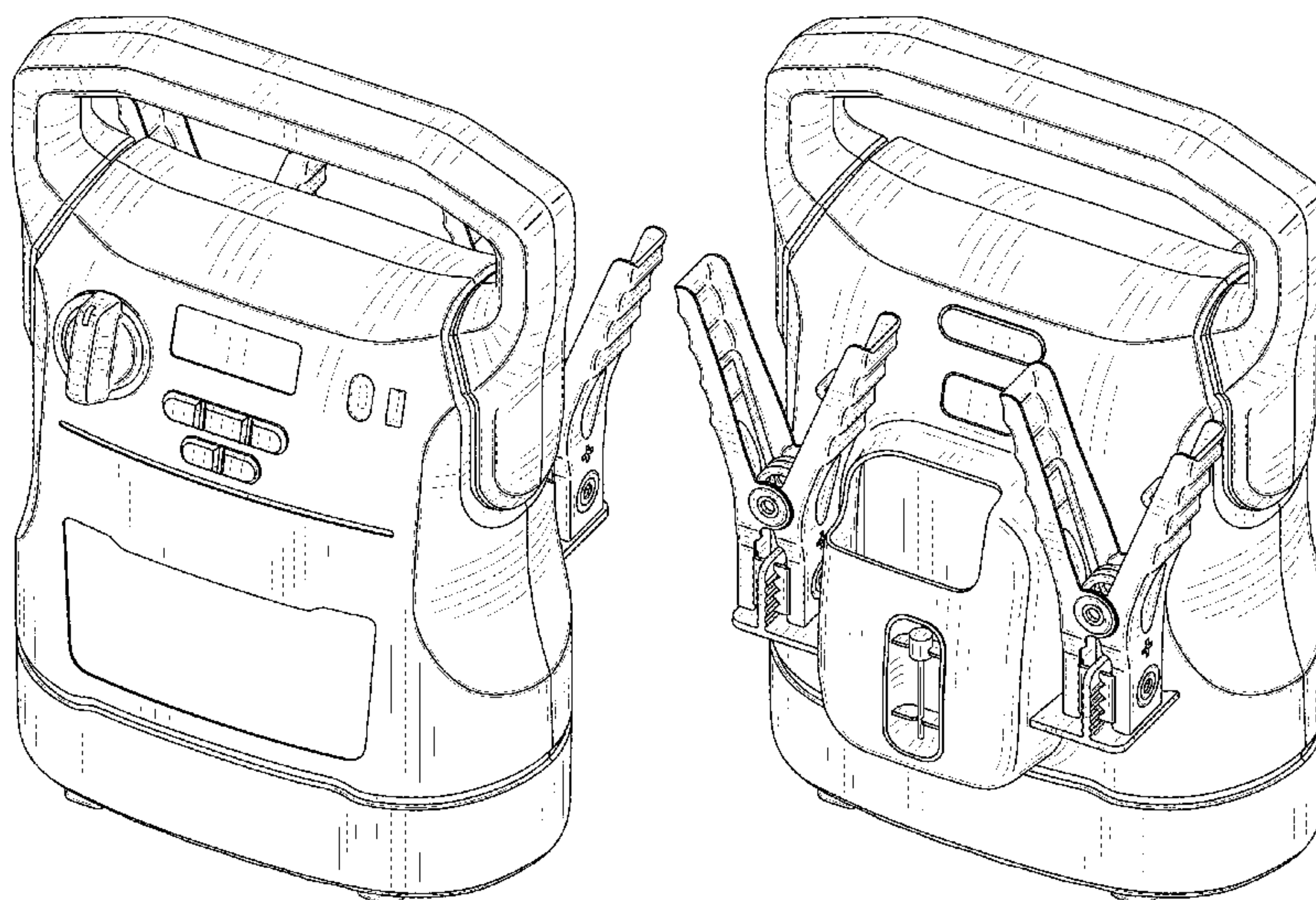
FIG. 6 is a right view of the jump starter.

FIG. 7 is a top view of the jump starter; and,

FIG. 8 is a bottom view of the jump starter.

The broken lines shown in the drawings are for the purpose of illustrating portions of the jump starter that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



References Cited

D530,665	S	*	10/2006	Krieger	D13/107
D530,666	S	*	10/2006	Krieger	D13/107
D601,495	S	*	10/2009	Shum	D13/107
D609,633	S	*	2/2010	Daniels	D13/107
D620,881	S	*	8/2010	Daniels	D13/107
D653,612	S	*	2/2012	DuMelle	D13/107
D755,715	S	*	5/2016	Inskeep	D13/107
D761,200	S	*	7/2016	Inskeep	D13/107
D762,167	S	*	7/2016	Inskeep	D13/107
D781,783	S	*	3/2017	Inskeep	D13/107
D825,457	S	*	8/2018	Yang	D13/107
D833,386	S	*	11/2018	Tschopp	D15/9
D886,732	S	*	6/2020	Inskeep	D13/107
D1,012,021	S	*	1/2024	Shum	D13/108
D1,035,570	S	*	7/2024	Liu	D13/107
2004/0239290	A1	*	12/2004	Krieger	H01M 50/296 320/105
2005/0110467	A1	*	5/2005	Thomason	H02J 7/0031 320/165
2010/0301800	A1	*	12/2010	Inskeep	H02J 7/342 320/105
2011/0298415	A1	*	12/2011	Hetzroni	H02J 7/0042 320/104
2015/0091392	A1	*	4/2015	Hwang	H02J 7/0045 307/150

Vector Jump Starter , Oct. 13, 2024[online], [retrieved Oct. 15, 2024]. Retrieved from internet, <https://www.homedepot.com/p/VECTOR-1400A-Jump-Starter-Compressor-USB-and-AC-Power-VECJ14C/331253003> (Year: 2024).*

* cited by examiner

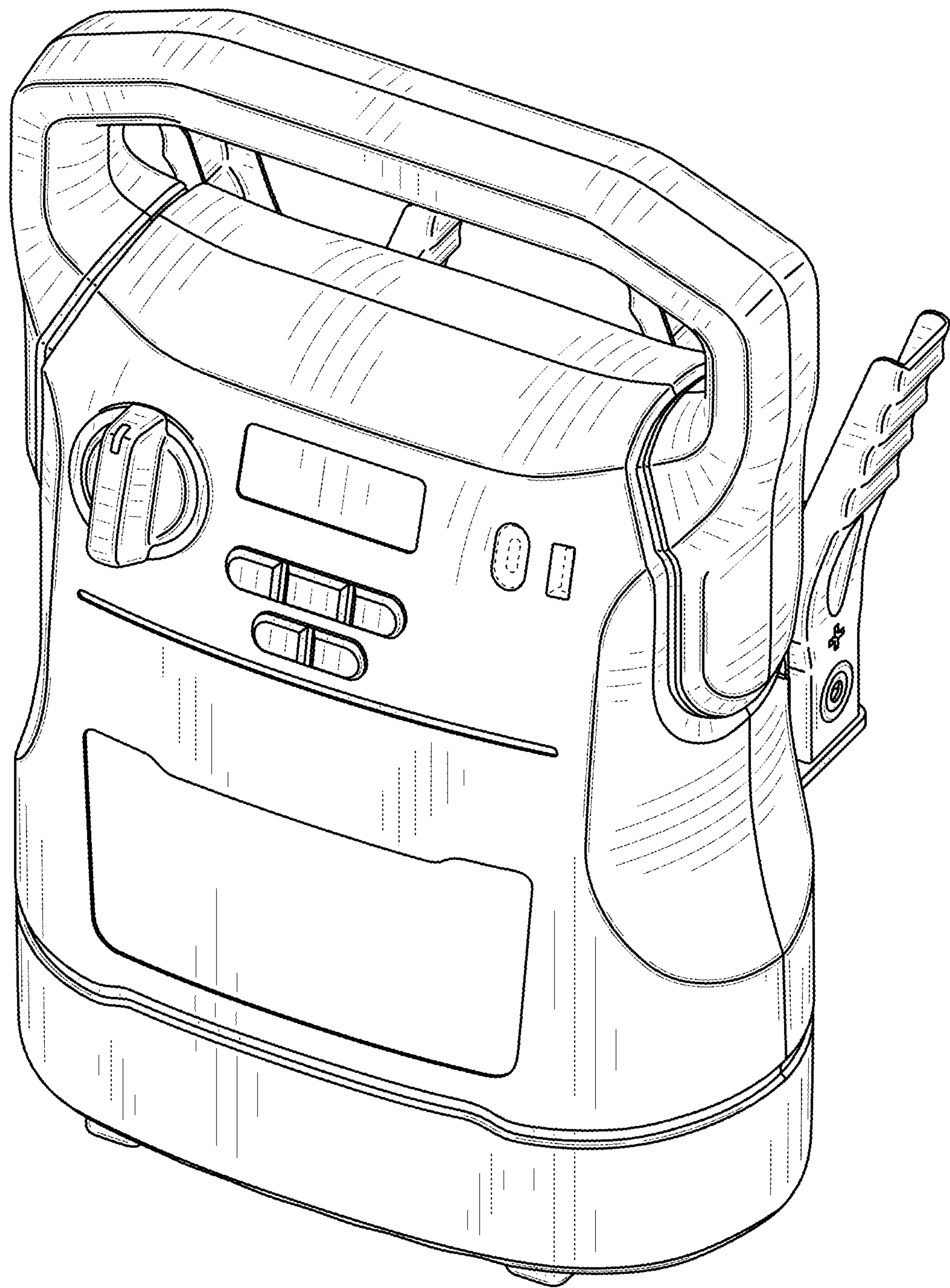


FIG. 1

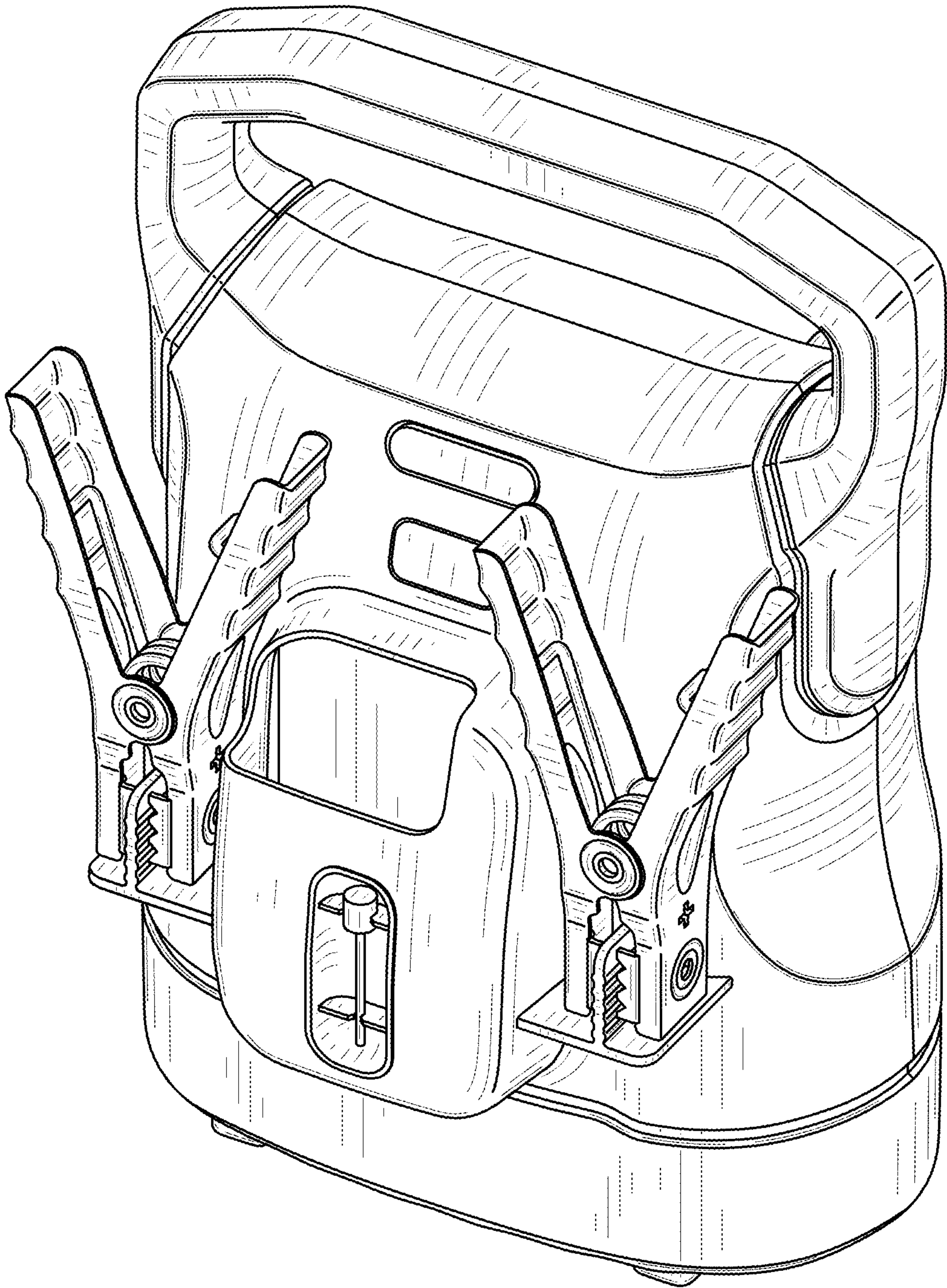


FIG. 2

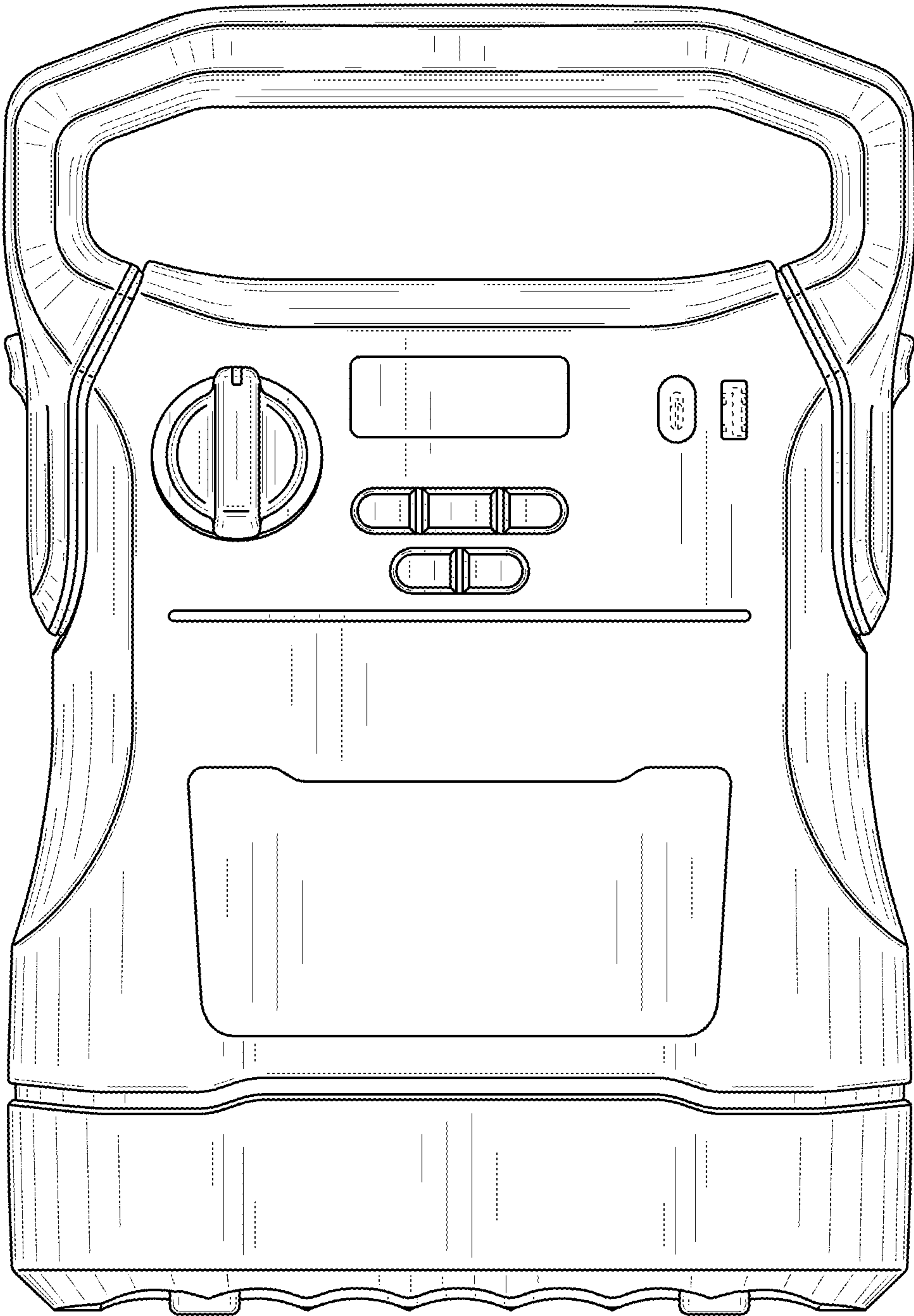


FIG. 3

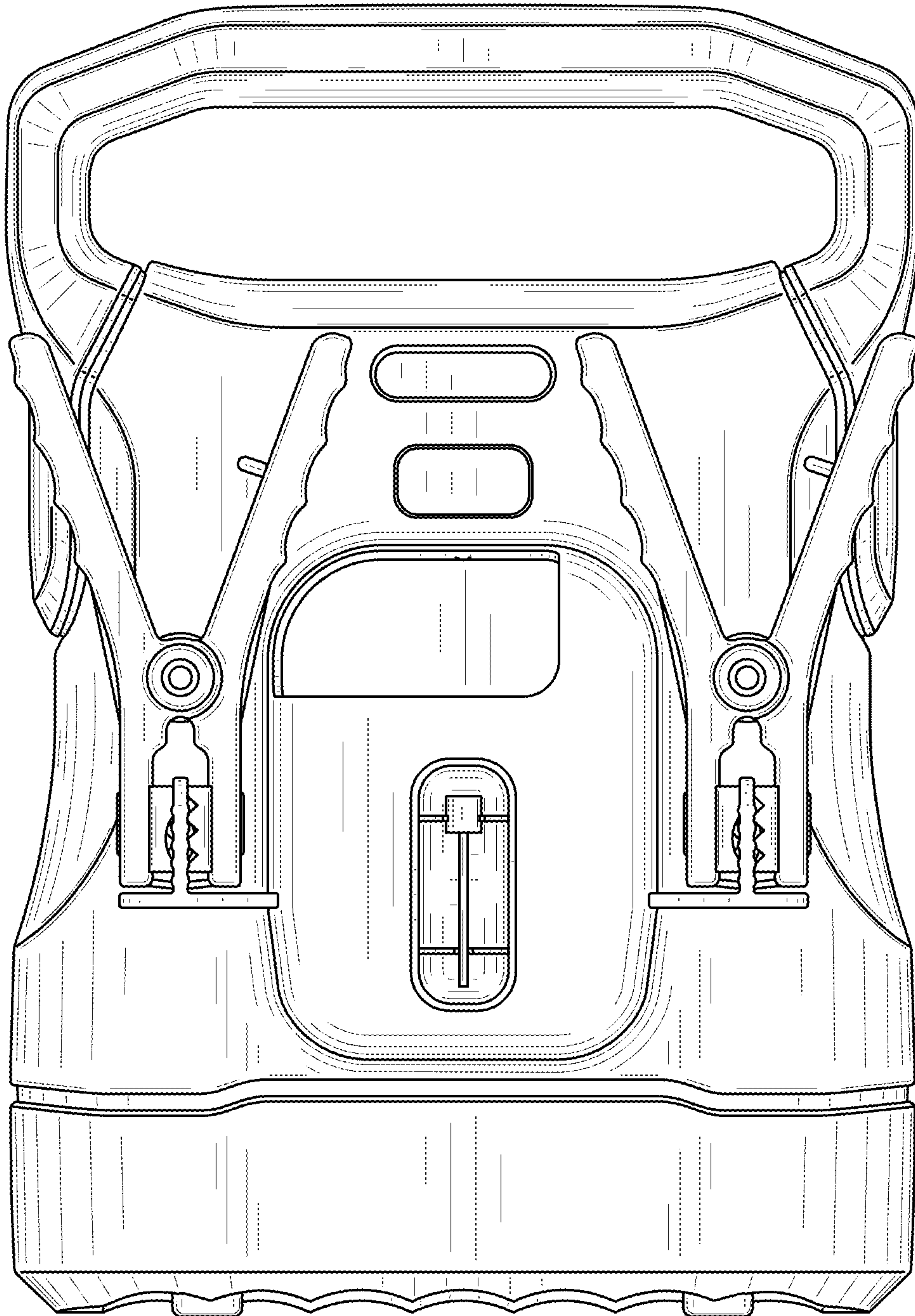


FIG. 4

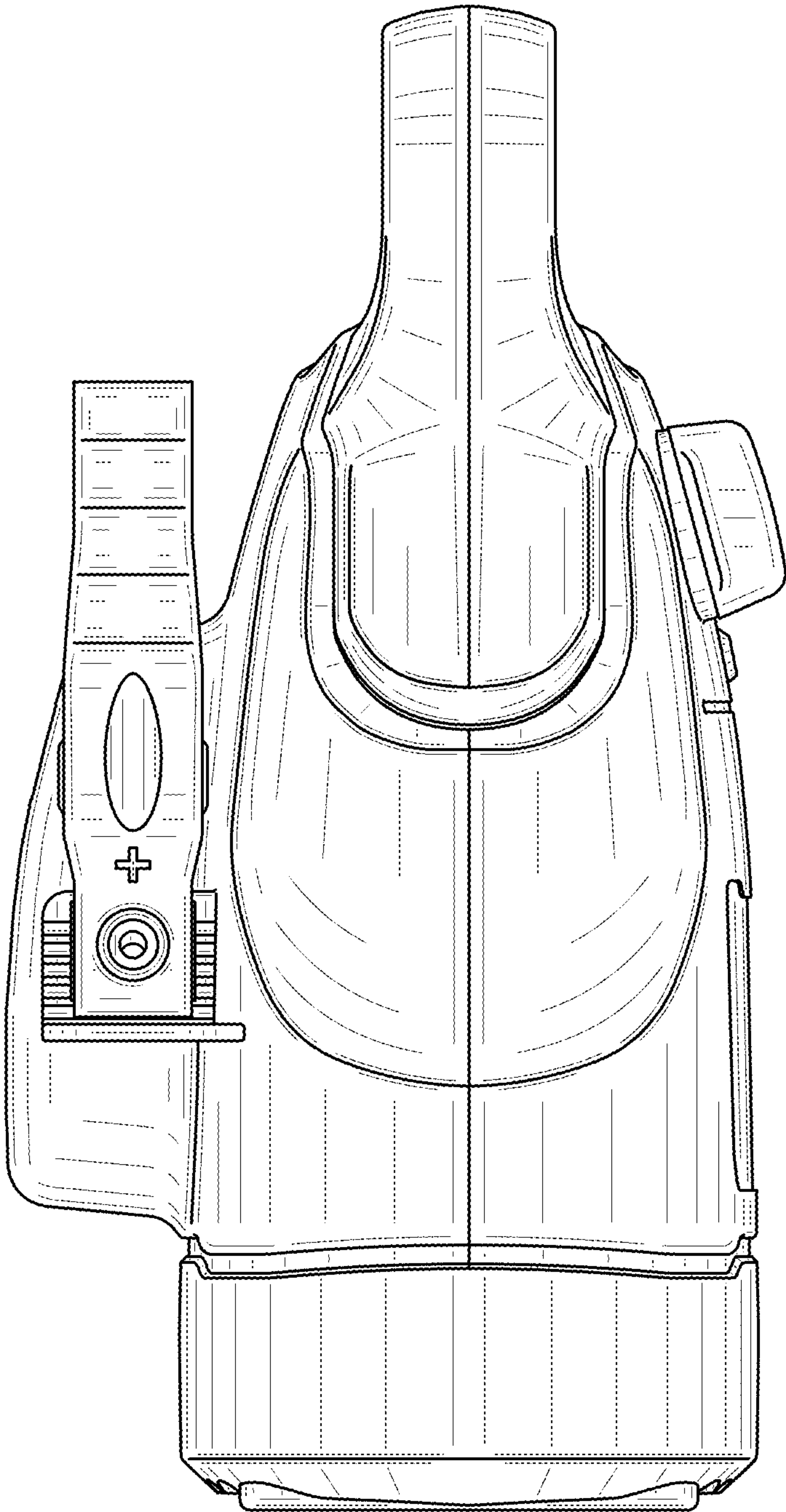


FIG. 5

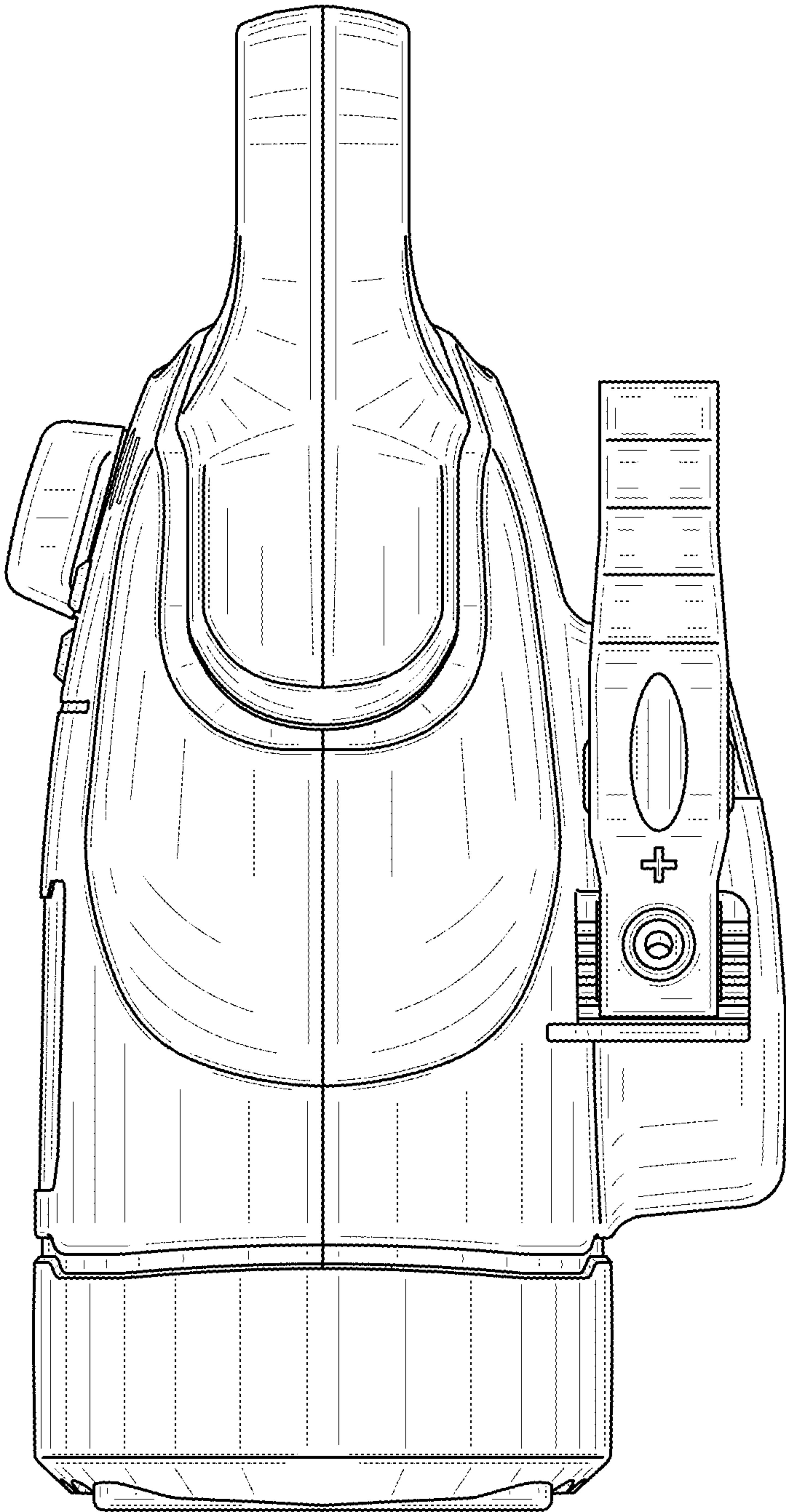


FIG. 6

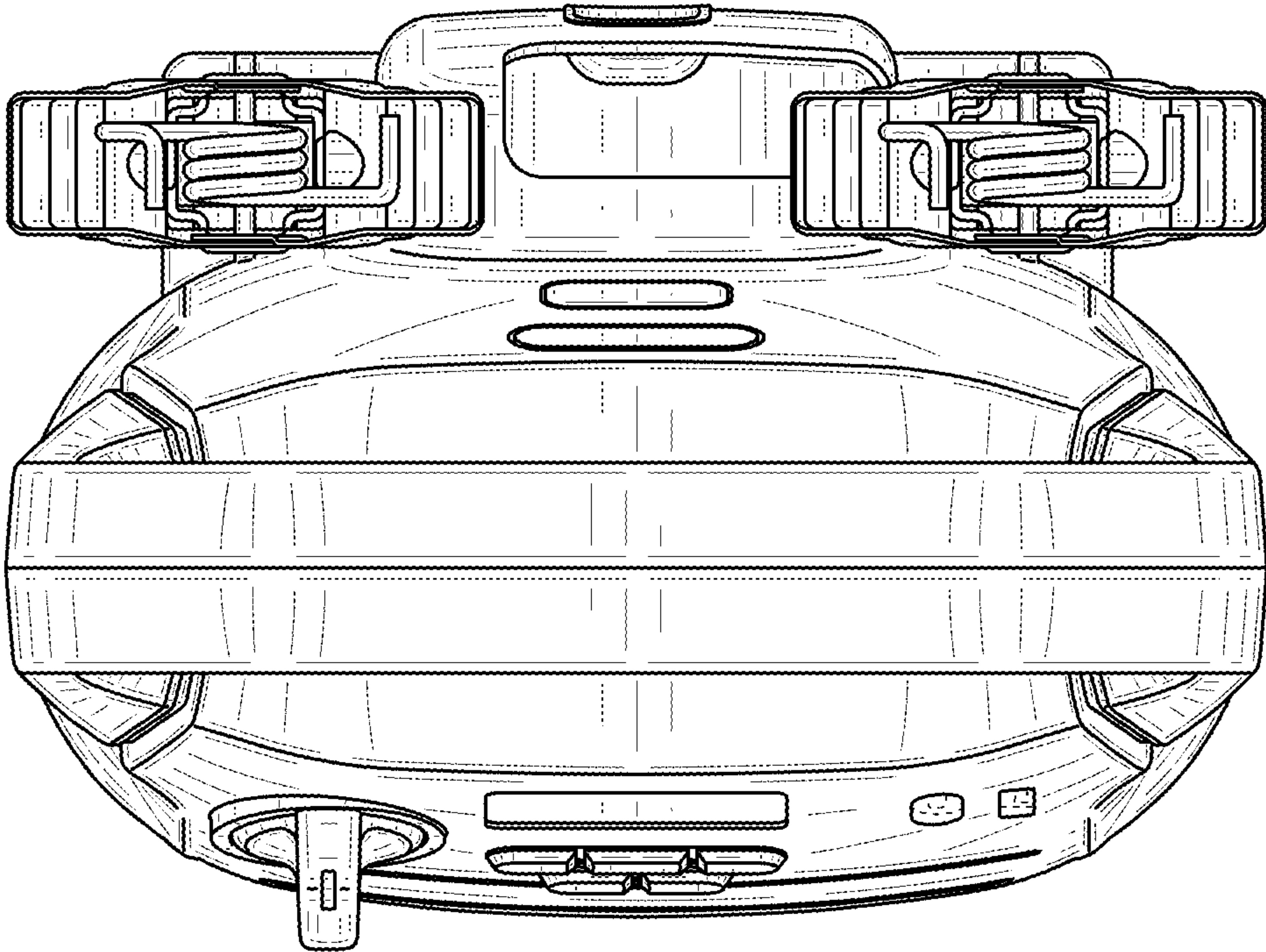


FIG. 7

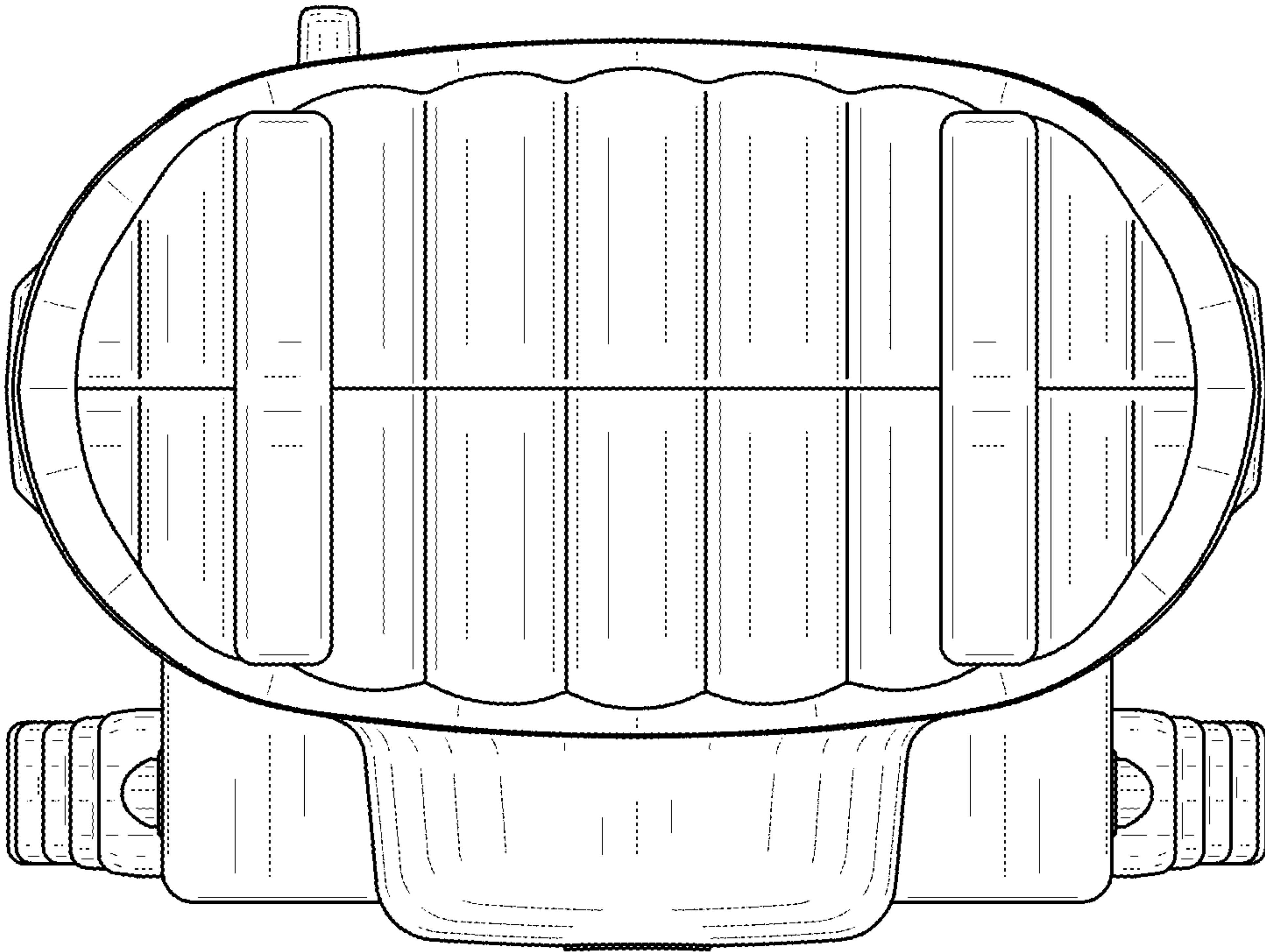


FIG. 8