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(12) United States Design Patent

Lou et al.

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(54) **CAR DIAGNOSTIC SCAN TOOL**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/78**

(58) **Field of Classification Search**
USPC ..... D10/61, 65–69, 75–8, 96–101; D14/138 R, 138 AA, 138 C
CPC H02J 7/00; H02J 7/0029; H02J 7/0042; H02J 9/02; H02J 7/0048; H02J 7/005; H02J 9/065; H05K 5/0026; H01H 13/70; G01R 15/002; G01R 15/12; G01R 1/04; G01R 13/02; G01R 1/025; G01R 15/125; H05B 47/29; H05B 47/20; H05B 47/28; F21S 9/024; F21V 21/14; F21Y 2115/10; G01C 21/165; G01C 21/20; G01C 25/00; G01C 17/38; G08C 17/02; H04B 10/11; C02F 2209/11; C02F 2209/02; C02F 2209/06; C02F 2209/10; C02F 2303/14; G01M 15/102; G07C 5/0808; G07C 2205/02; G01D 5/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D838,611 S * 1/2019 Xie D10/78
D846,413 S * 4/2019 Wang D10/78
(Continued)

FOREIGN PATENT DOCUMENTS

CN 306148409 * 6/2020
CN 306272554 * 8/2020
(Continued)

OTHER PUBLICATIONS

TT Topdon Store,OBD2 Scanner,Date first available Dec. 20, 2021, [online]retrieved Nov. 15, 2022,available from https://www.amazon.com/DP/B09NW325DV (Year: 2021).*
(Continued)

Primary Examiner — Keli L Hill
Assistant Examiner — Sara S Sahneh

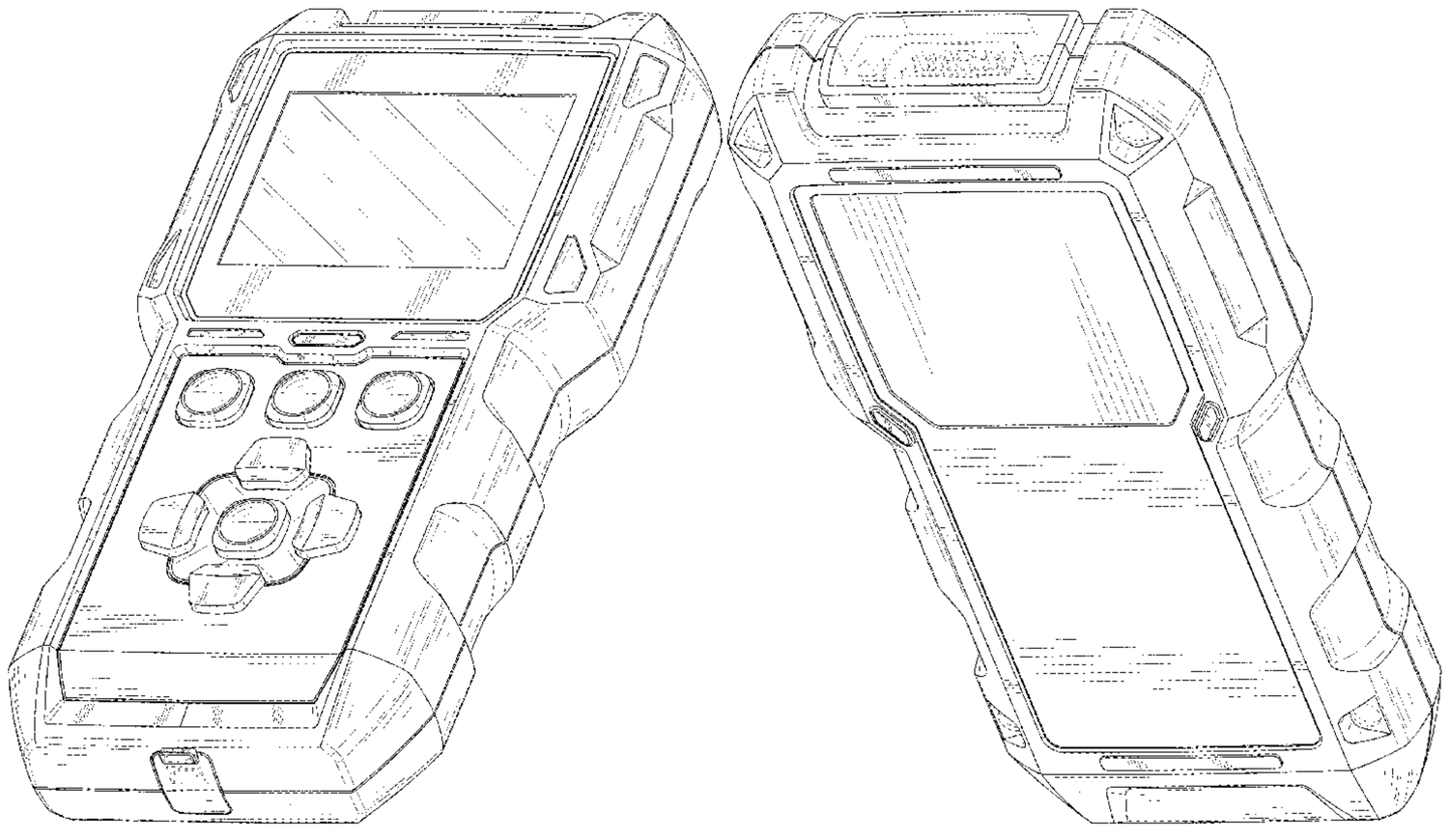
(57) **CLAIM**

The ornamental design for a car diagnostic scan tool, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a car diagnostic scan tool showing my new design;
FIG. **2** is another perspective view thereof;
FIG. **3** is a front elevational view thereof
FIG. **4** is a rear elevational view thereof;
FIG. **5** is a left side elevational view thereof;
FIG. **6** is a right side elevational 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 car diagnostic scan tool that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D926,609	S *	8/2021	Xie	D10/78
D928,640	S *	8/2021	Zheng	D10/70
D928,642	S *	8/2021	Wang	D10/78
D963,497	S *	9/2022	Hao	D10/78
D964,870	S *	9/2022	Xie	D10/78
D968,246	S *	11/2022	Xie	D10/78
2004/0130330	A1 *	7/2004	Arnoux	G01R 15/125 324/555
2006/0161390	A1 *	7/2006	Namaky	G07C 5/0808 702/183
2009/0045805	A1 *	2/2009	Worones	H05K 5/061 324/156
2011/0288954	A1 *	11/2011	Bertosa	G07C 5/008 701/31.4
2012/0044086	A1 *	2/2012	Ruther	G07C 5/0816 340/870.02

FOREIGN PATENT DOCUMENTS

CN	306809247	*	5/2021
CN	307059344	*	8/2021
CN	307406929	*	9/2021
CN	307141019	*	11/2021
GB	6019504	*	9/2017

OTHER PUBLICATIONS

CGSULIT Store, Car Code Reader CGSULIT SC301,Date first available May 26, 2021, [online]retrieved Nov. 15, 2022,available from https://www.amazon.com/DP/B095WMX6B8 (Year: 2021).*
Autel Store,OBD2 Scanner,Date first available Mar. 25, 2015, [online]retrieved Nov. 15, 2022,available from https://www.amazon.com/DP/B07PR3BNX3 (Year: 2015).*

* cited by examiner

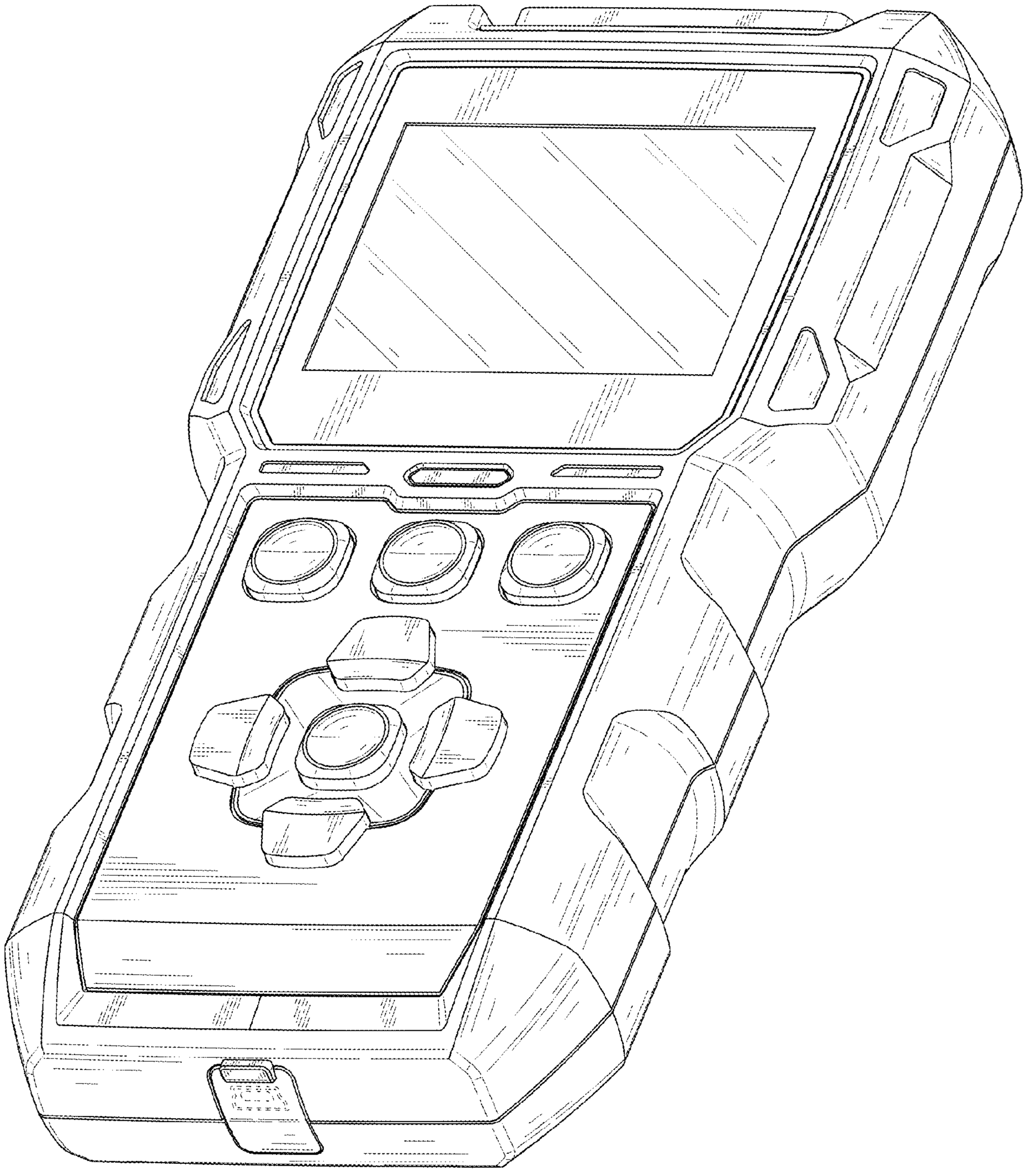


FIG. 1

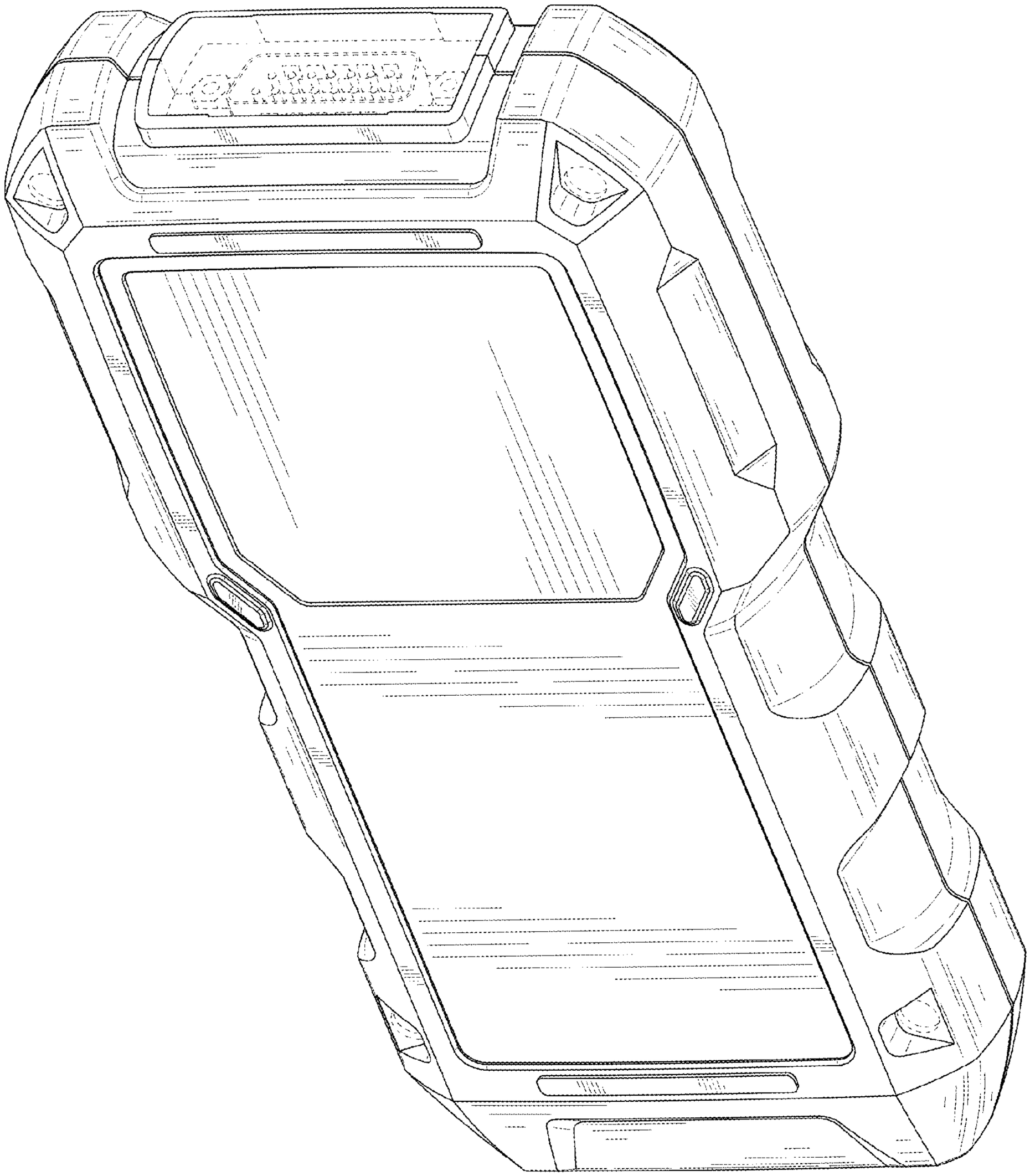


FIG. 2

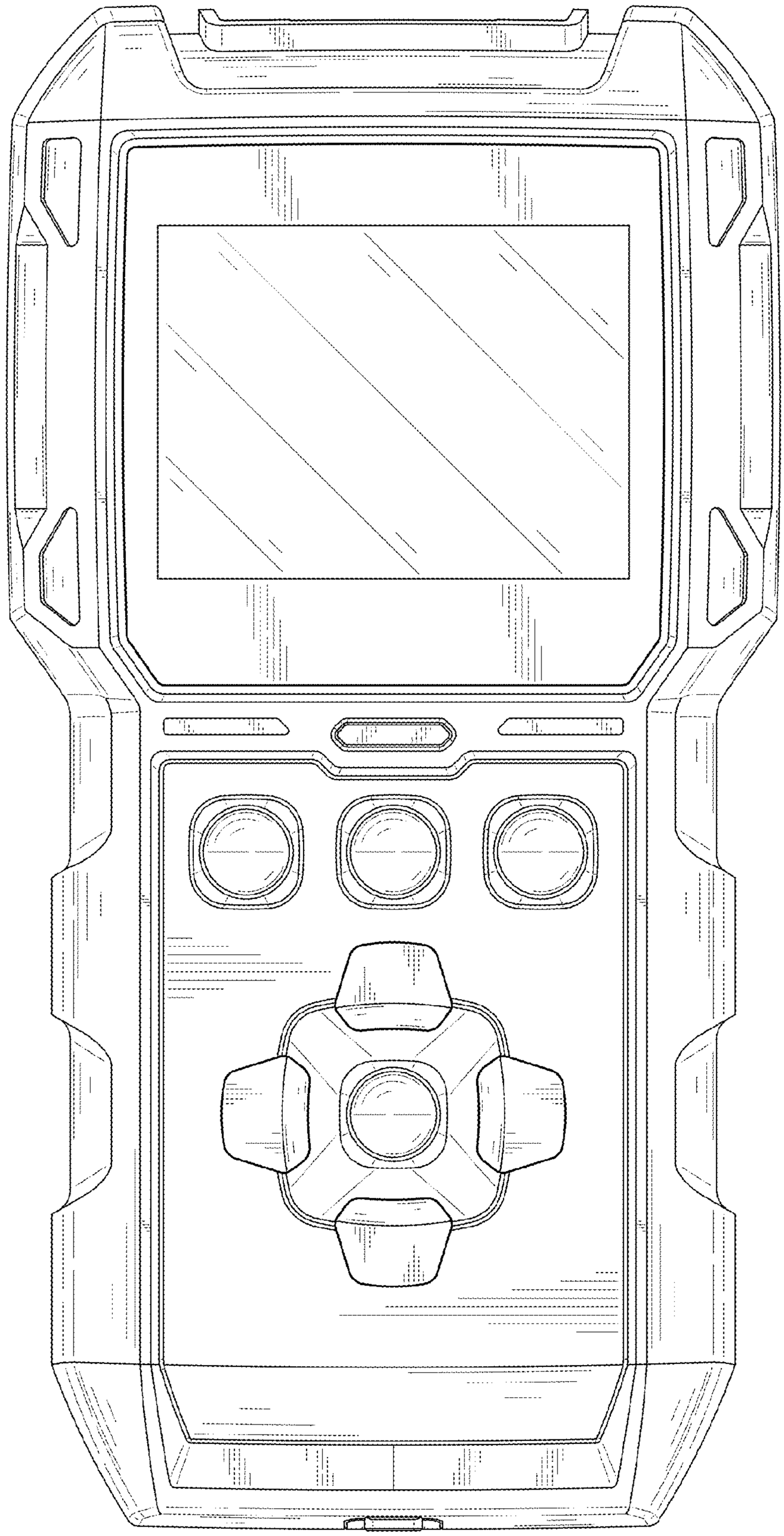


FIG. 3

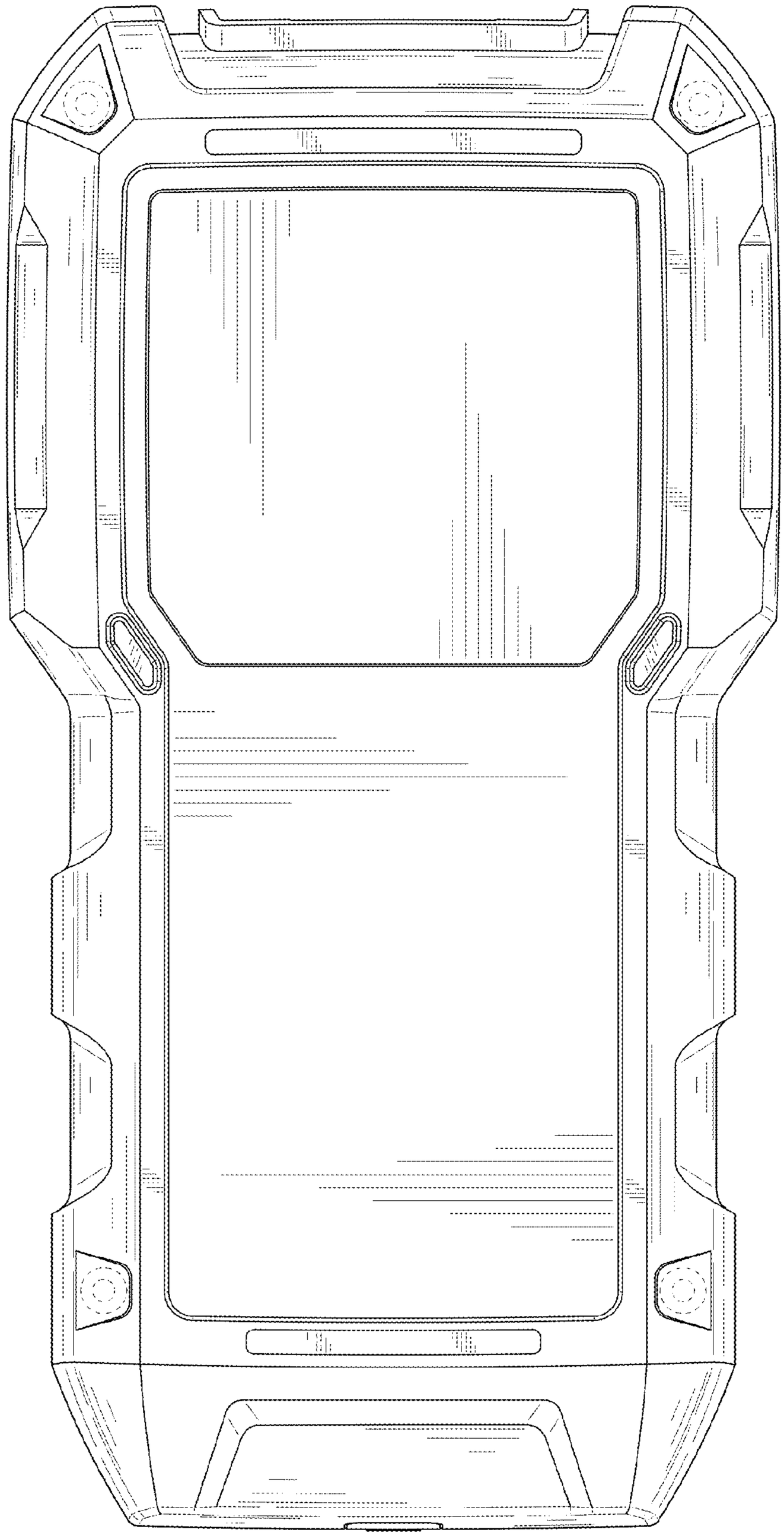


FIG. 4

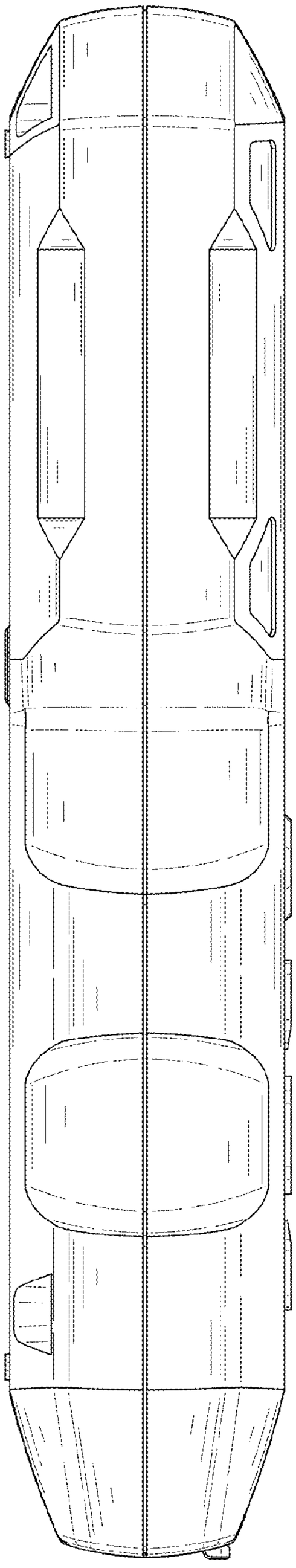


FIG. 5

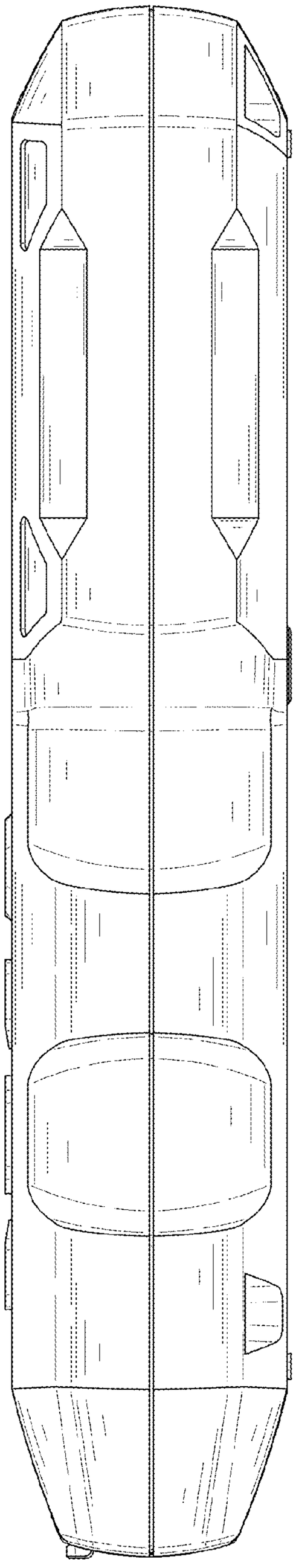


FIG. 6

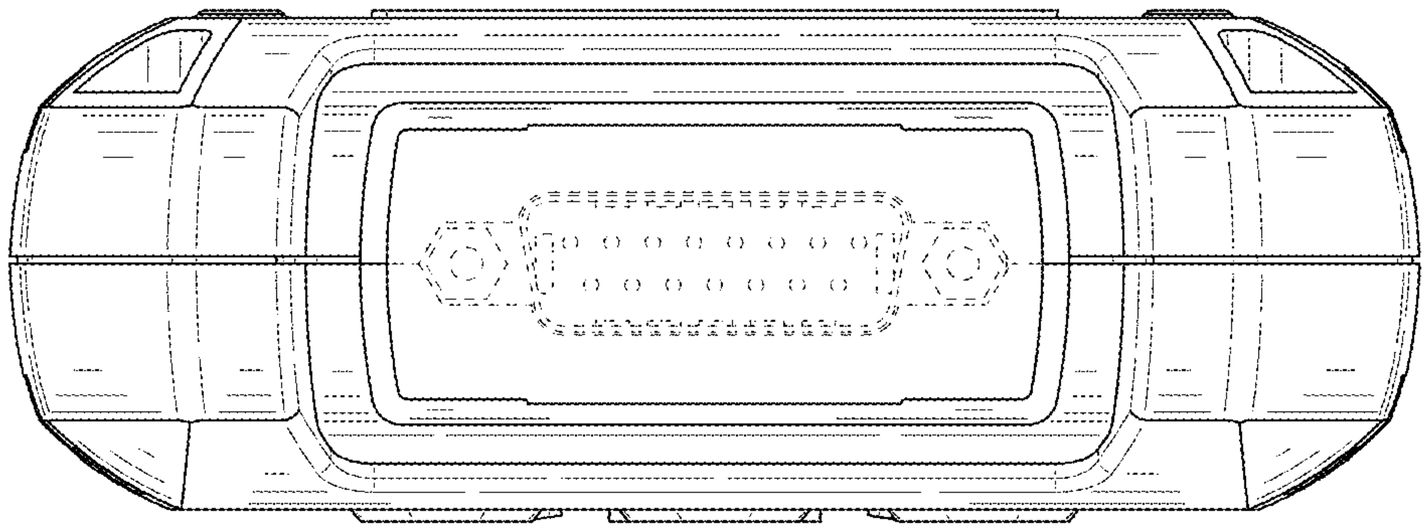


FIG. 7

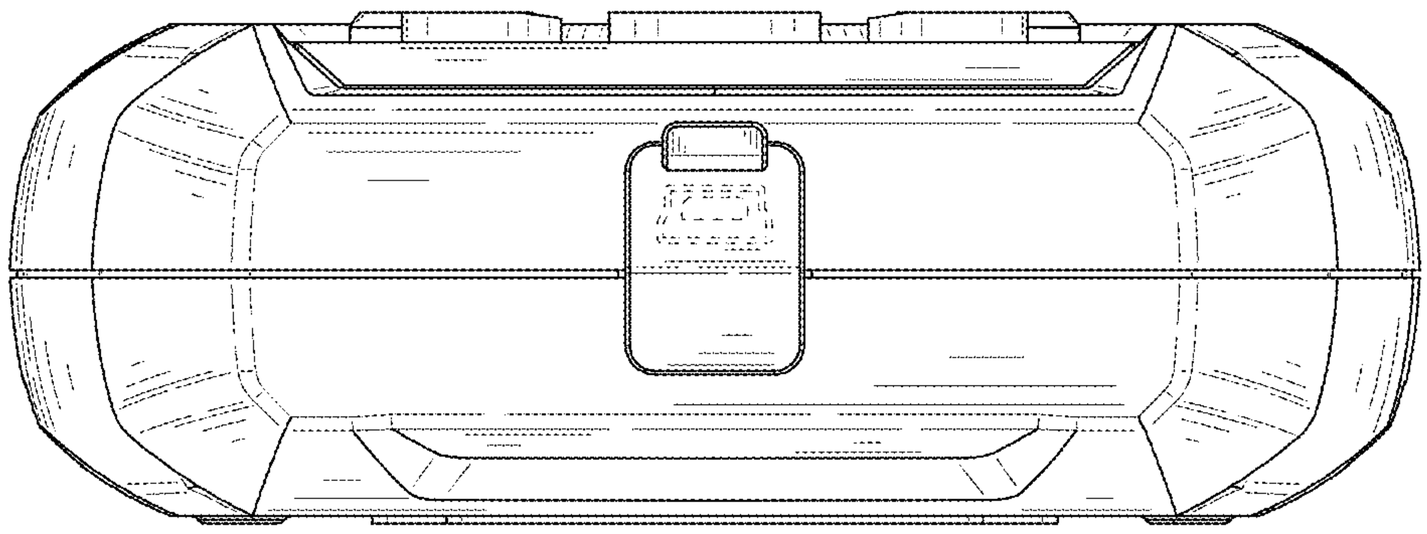


FIG. 8