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(12) **United States Design Patent** (10) **Patent No.:** **US D942,289 S**  
**Shen** (45) **Date of Patent:** **\*\* Feb. 1, 2022**

(54) **OBDII DIAGNOSTIC INTERFACE**  
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(52) **U.S. Cl.**  
USPC ..... **D10/78; D14/357**

(58) **Field of Classification Search**  
USPC ..... D14/356, 357, 358, 361, 362, 365, 367, D14/370, 388, 389, 432, 434, 240, 242, D14/299, 125, 129, 130, 140, 155, 168, D14/188, 496, 474, 483, 484, 203.1, D14/203.3, 203.6, 238.1, 300, 301, 314, D14/433; D13/103, 107, 108, 123, 152, D13/162, 162.1, 163, 168, 184, 199, 110; D10/46, 78, 80

CPC . H04W 4/44; H04W 4/80; G07C 5/08; G07C 5/008; G07C 5/0808; G07C 5/0858; G06F 17/00; G06Q 10/20

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D224,740 S \* 9/1972 Galang et al. .... D13/156  
3,909,099 A \* 9/1975 Winkler ..... H01R 13/562  
439/295  
D262,966 S \* 2/1982 Schudel ..... D14/239  
4,990,099 A \* 2/1991 Marin ..... H01R 13/642  
439/284

D327,879 S \* 7/1992 Lou ..... D14/433  
D331,711 S \* 12/1992 Cervas ..... D10/78  
D331,740 S \* 12/1992 Kaplan ..... D13/156  
D331,908 S \* 12/1992 Hollander ..... D13/133  
D336,467 S \* 6/1993 Pooley ..... D13/147  
D390,536 S \* 2/1998 Austin ..... D13/156  
D414,476 S \* 9/1999 Hibino ..... D14/358  
D441,743 S \* 5/2001 Uehara ..... D14/125  
D457,194 S \* 5/2002 Goto ..... D13/147  
D464,997 S \* 10/2002 Goto ..... D21/333

(Continued)

**OTHER PUBLICATIONS**

ScanTool OBDLink LX Bluetooth-obd2-shop. (online) 1 pg. Available at least as early as Nov. 29, 2016. [Retrieved Jul. 28, 2021] [https://www.obd2-shop.eu/product\\_info.php/products\\_id/410/language/en.\\*](https://www.obd2-shop.eu/product_info.php/products_id/410/language/en.*)

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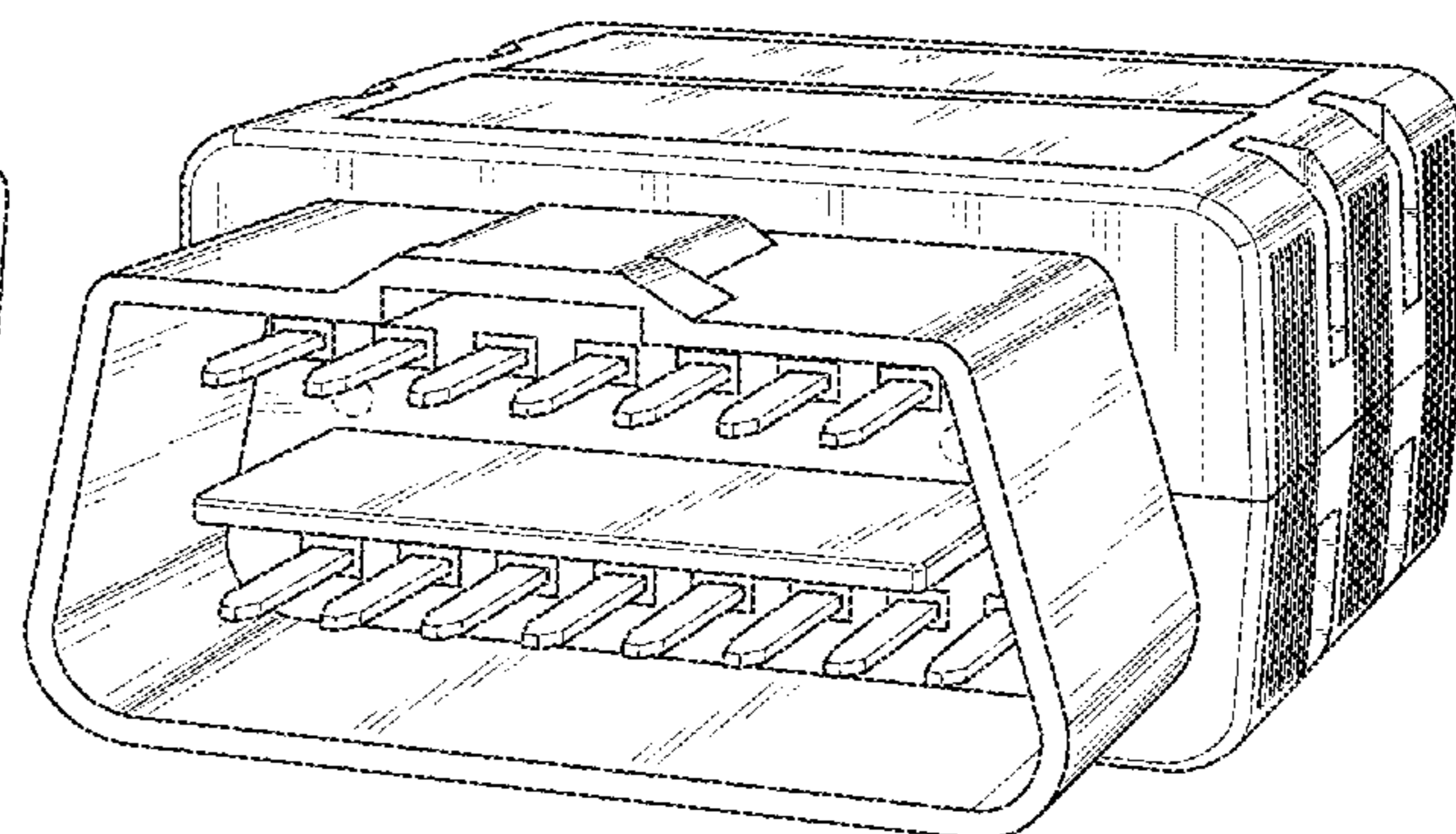
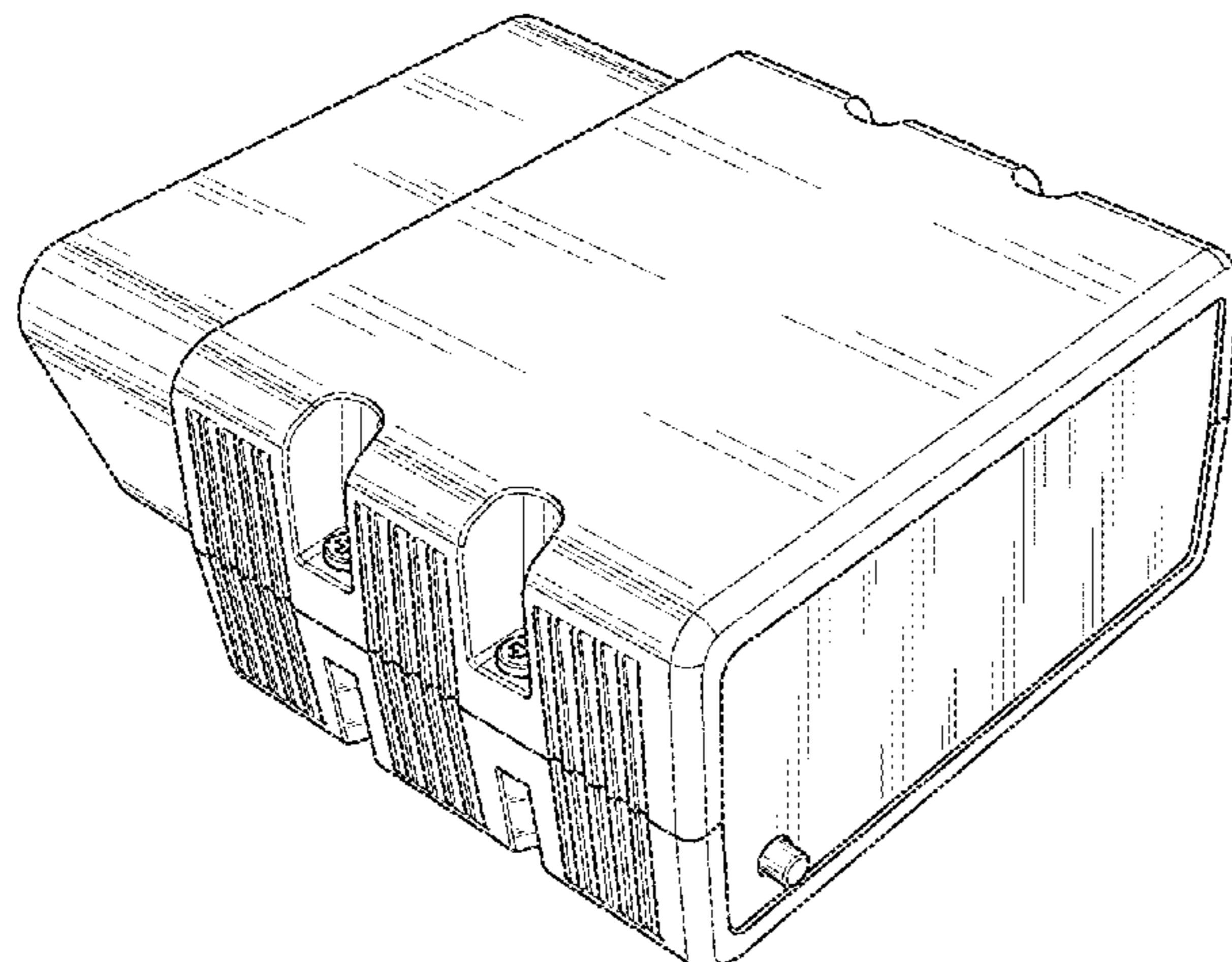
(57) **CLAIM**

The ornamental design for an OBDII diagnostic interface, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right perspective view of an OBDII diagnostic interface showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a top view thereof;  
FIG. 4 is a bottom view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a left side view thereof; and,  
FIG. 7 is a bottom, rear and left perspective view thereof.  
The broken lines depict portions of the OBDII diagnostic interface in which the design is embodied that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D500,291 S \* 12/2004 Byrne ..... D13/147  
 D500,755 S \* 1/2005 Chung ..... D14/240  
 D512,687 S \* 12/2005 Baker ..... D13/133  
 D513,252 S \* 12/2005 Wang ..... D14/357  
 D515,507 S \* 2/2006 Byrne ..... D13/147  
 D519,924 S \* 5/2006 Baker ..... D13/133  
 D571,241 S \* 6/2008 Andreasen ..... D10/78  
 D578,065 S \* 10/2008 Baker ..... D13/133  
 D596,635 S \* 7/2009 Owens ..... D14/358  
 7,584,030 B1 \* 9/2009 Graham ..... H01R 13/665  
 701/33.2  
 D612,807 S \* 3/2010 Mancini ..... D13/133  
 D615,039 S \* 5/2010 Mancini ..... D13/133  
 D665,748 S \* 8/2012 Baker ..... D13/133  
 8,480,433 B2 \* 7/2013 Huang ..... B60R 16/0232  
 439/620.21  
 D709,836 S \* 7/2014 Casagrande ..... D13/156  
 D716,803 S \* 11/2014 Neumann ..... D14/358  
 D724,977 S \* 3/2015 Browning ..... D10/80  
 D738,317 S \* 9/2015 Hagarty ..... D13/156  
 D742,379 S \* 11/2015 Haidar ..... D14/383  
 D755,790 S \* 5/2016 Salvatori ..... D14/433  
 D765,082 S \* 8/2016 Allen, Sr. .... D14/433  
 D765,083 S \* 8/2016 Breitweiser ..... D14/435.1  
 9,419,392 B2 \* 8/2016 Kirkpatrick ..... H01R 13/6683  
 D771,573 S \* 11/2016 Lowchareonkul ..... D13/156  
 9,595,789 B1 \* 3/2017 Ehrman ..... H01R 24/68  
 D785,570 S \* 5/2017 Fischer ..... D13/138.1  
 D806,040 S \* 12/2017 Morris ..... D13/147  
 D810,696 S \* 2/2018 Hagarty ..... D13/156  
 D813,159 S \* 3/2018 Vinciarelli ..... D13/110  
 D820,787 S \* 6/2018 Hoffart ..... D13/133  
 D825,568 S \* 8/2018 Morris ..... D14/433  
 D826,172 S \* 8/2018 Morris ..... D13/147

D826,864 S \* 8/2018 Hoffart ..... D13/147  
 D828,838 S \* 9/2018 Morris ..... D14/433  
 D837,152 S \* 1/2019 Wegerer ..... D13/110  
 D837,734 S \* 1/2019 Vinciarelli ..... D13/110  
 D851,090 S \* 6/2019 Tak ..... D14/433  
 D856,178 S \* 8/2019 Hou ..... D10/80  
 D865,639 S \* 11/2019 Adams, III ..... D12/400  
 D865,640 S \* 11/2019 Adams, III ..... D12/400  
 D873,773 S \* 1/2020 Cao ..... D13/133  
 D873,774 S \* 1/2020 Cao ..... D13/133  
 10,535,261 B2 \* 1/2020 Alqahtani ..... G08G 1/096725  
 D881,877 S \* 4/2020 Montanari ..... D14/356  
 D888,052 S \* 6/2020 Manoharan ..... D14/357  
 D901,471 S \* 11/2020 Siminoff ..... D14/240  
 D908,090 S \* 1/2021 Link ..... D13/133  
 D910,566 S \* 2/2021 Eckstein ..... D14/433  
 D913,236 S \* 3/2021 Li ..... D13/120  
 D923,499 S \* 6/2021 Lee ..... D10/78  
 2004/0171309 A1 \* 9/2004 Baker ..... H01R 13/6456  
 439/680  
 2012/0258627 A1 \* 10/2012 Huang ..... H01R 31/005  
 439/620.21  
 2014/0052531 A1 \* 2/2014 Kent ..... G06Q 30/02  
 705/14.49  
 2019/0371169 A1 \* 12/2019 Alqahtani ..... B60W 30/146

OTHER PUBLICATIONS

OBDDLink LX . . . is it worth the money, (online video) 1 pg. Posted Dec. 27, 2016 [Retrieved Jul. 28, 2021] <https://www.youtube.com/watch?v=umo49O4wLAc>.  
 Vlinker MC V2.2 Bluetooth 3.0 Car OBD Fault Diagnosis Detector. 8 pgs. Available as early as Mfr date: Sep. 1, 2019 [Oct. 13, 2021] <https://alexnd.com/product/vlinker-mc-v2-2-bluetooth-3-0-car-obd-fault-diagnosis-detector/>.

\* cited by examiner

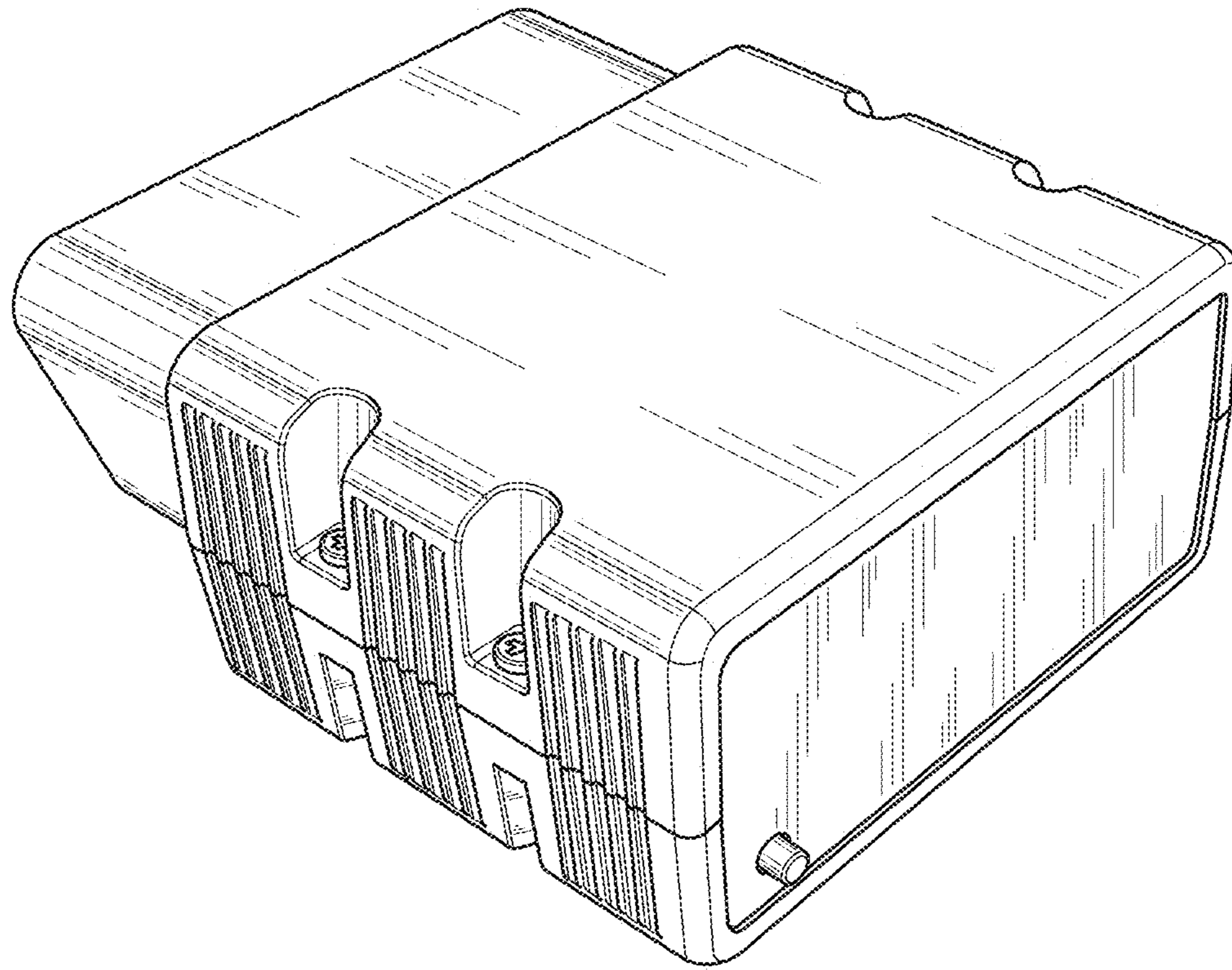


FIG. 1

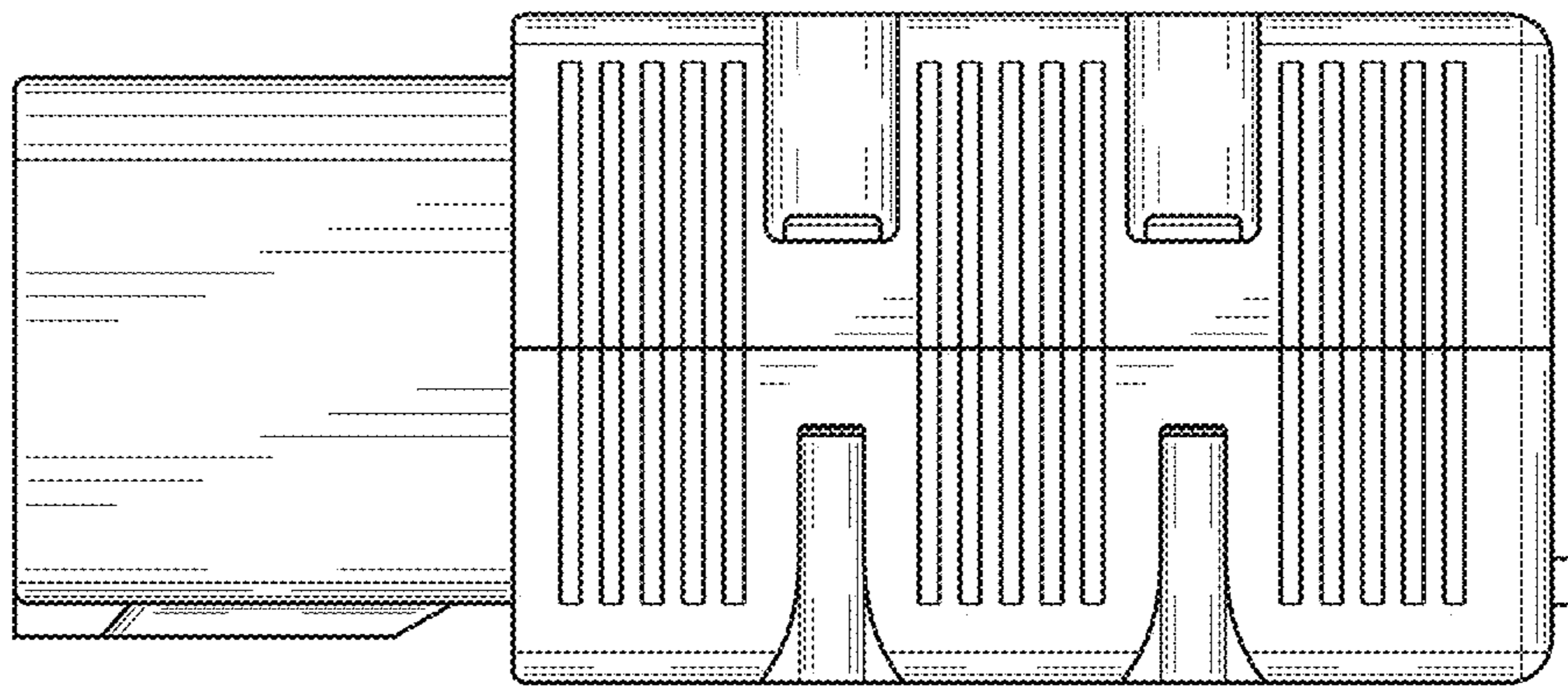


FIG. 2

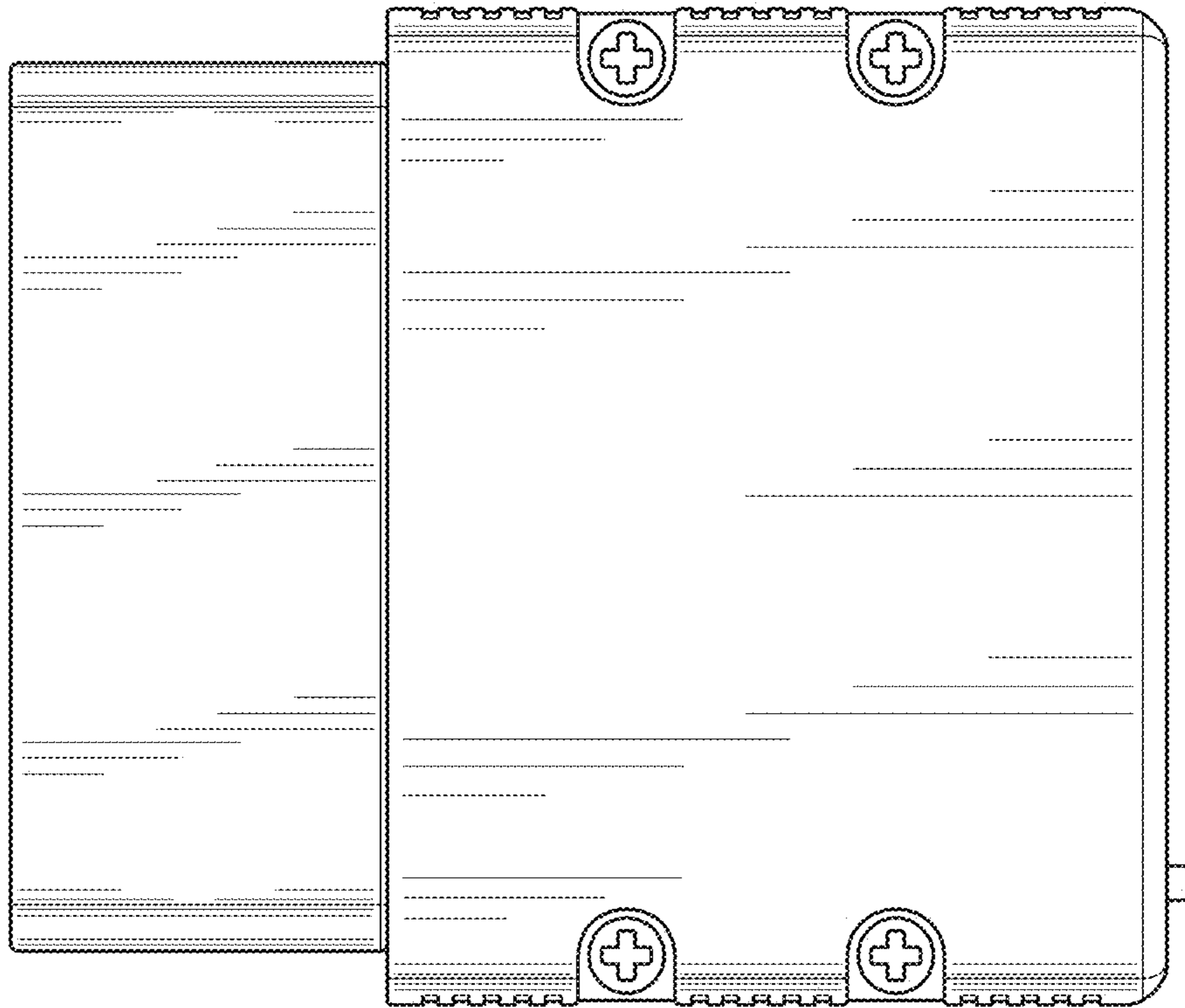


FIG. 3

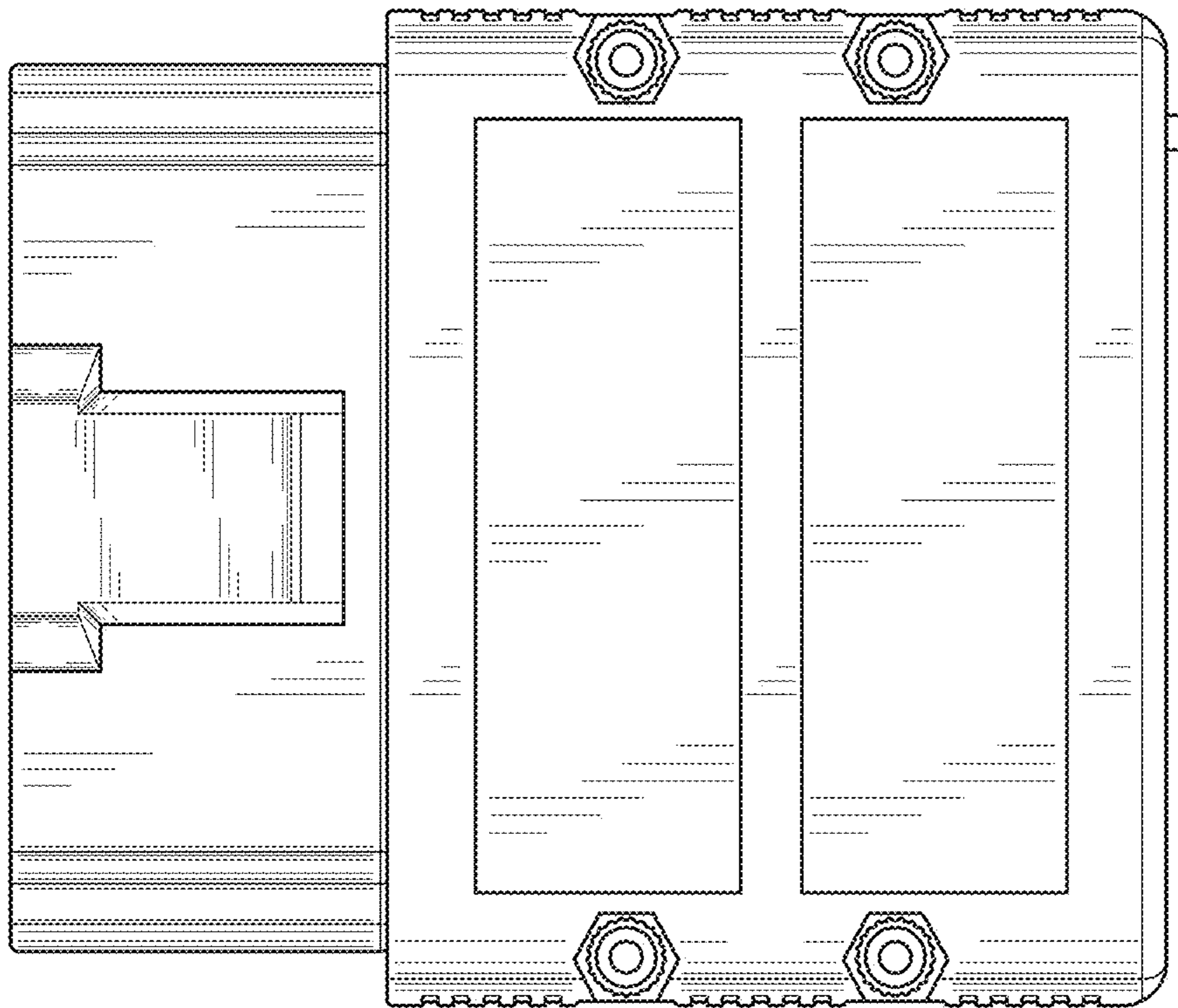


FIG. 4

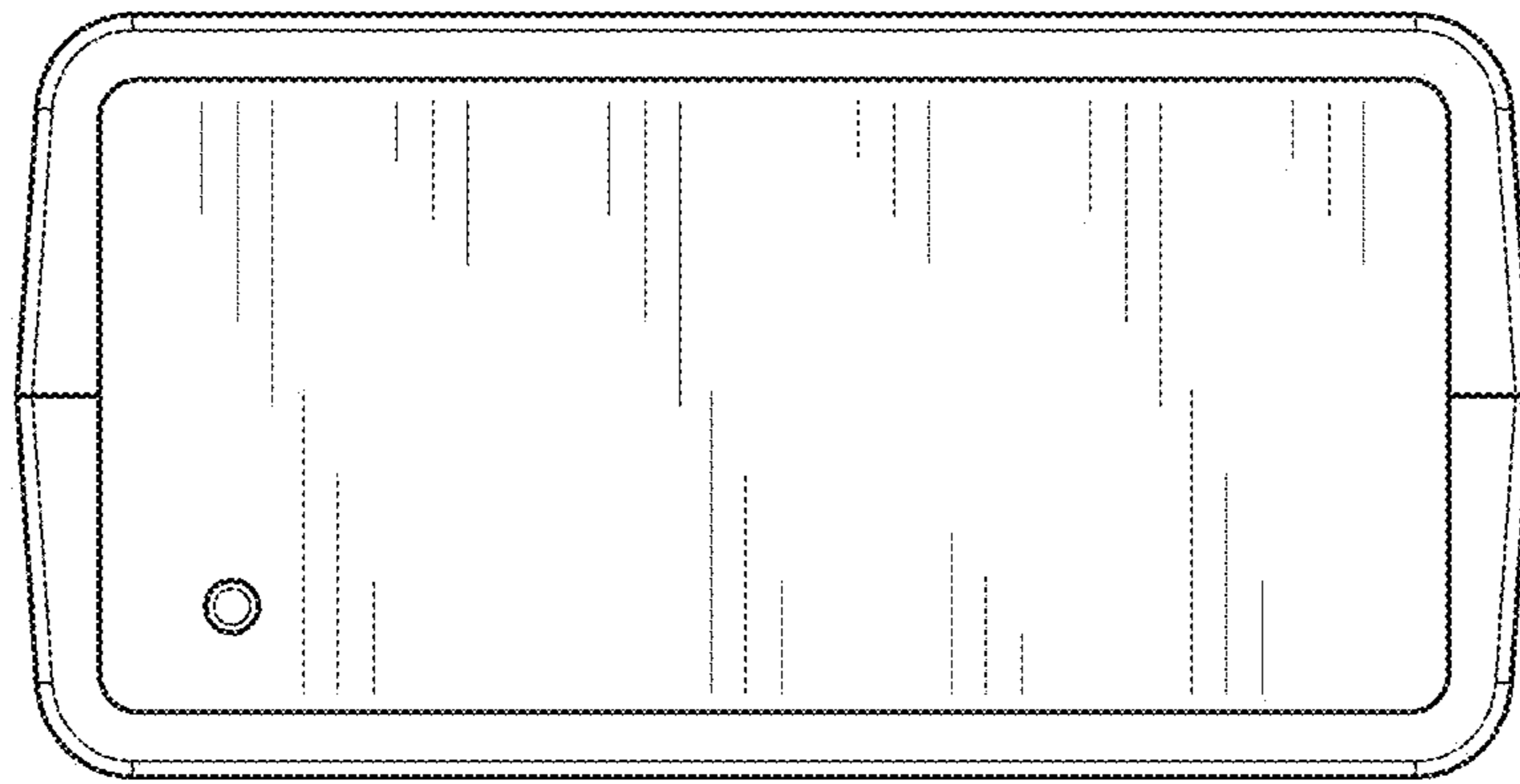


FIG. 5

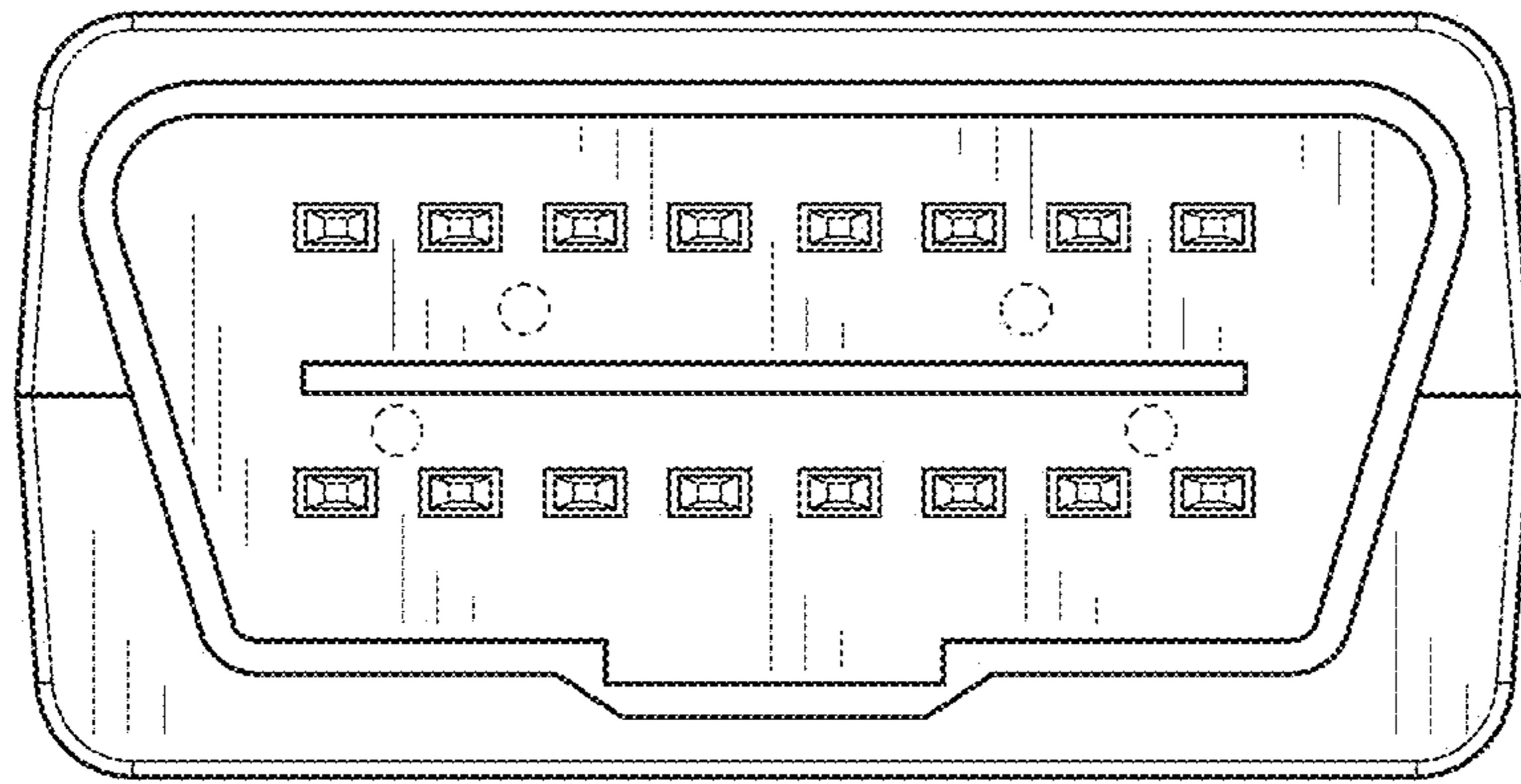


FIG. 6



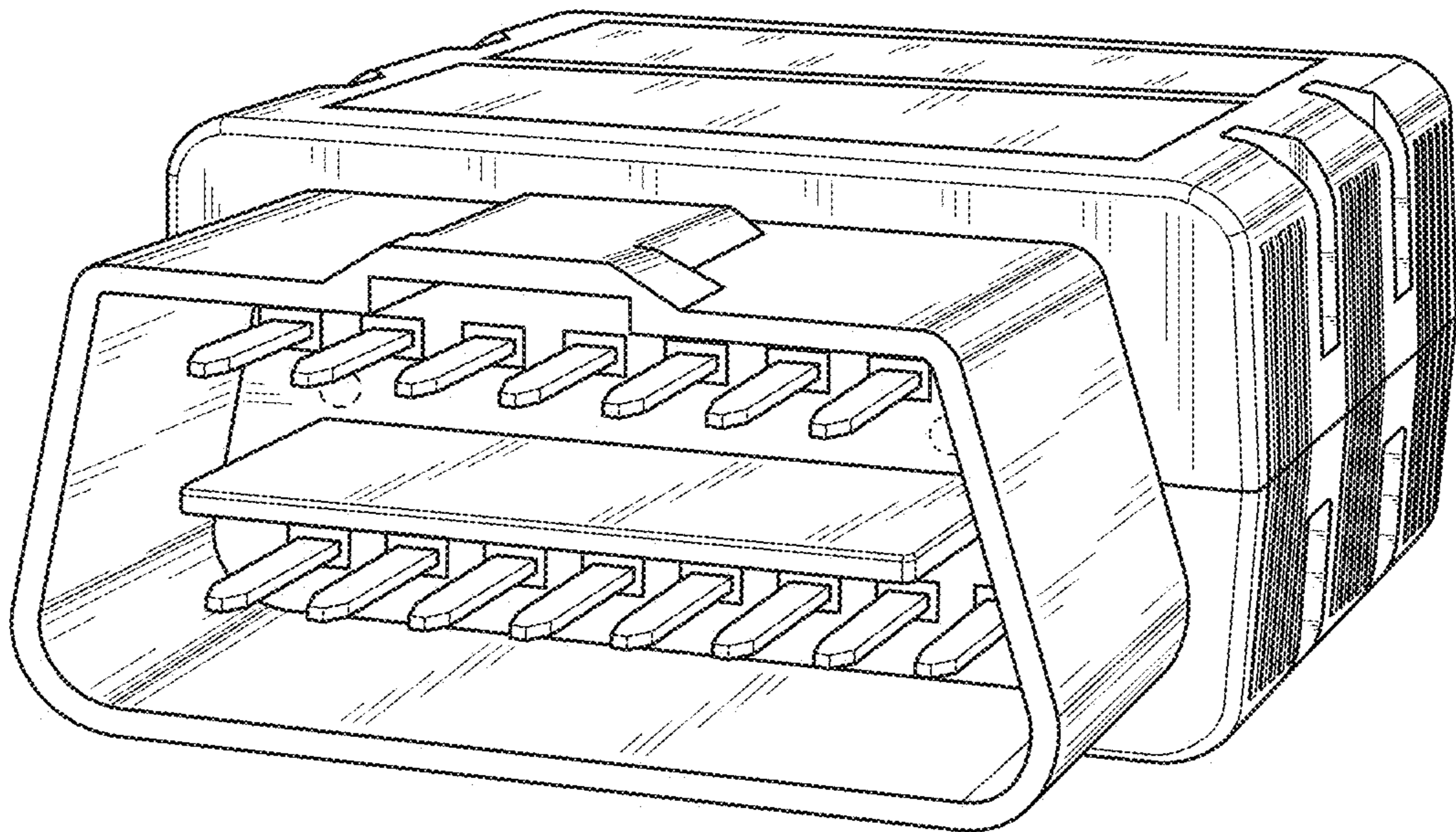


FIG. 7