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(12) **United States Design Patent** (10) **Patent No.:** **US D819,562 S**  
**Waldron** (45) **Date of Patent:** **\*\* Jun. 5, 2018**

(54) **BATTERY PACK**  
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(73) Assignee: **7RDD Limited**, Dunnington (GB)  
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(52) **U.S. Cl.**  
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D20/22  
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Y02E 60/50; H01M 10/4257; H01M  
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H01M 2/1061; H01M 2/1022; H01M  
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H01M 2/204; H02J 7/00; H02J 7/0003;  
H02J 7/0011; H02J 7/0013; H02J 7/0054;  
H02J 7/0055; H02J 7/0057; H02J  
2007/0062  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D481,672 S \* 11/2003 Niwa ..... D13/103  
D516,504 S \* 3/2006 Okuda ..... D13/103  
D545,759 S \* 7/2007 Ino ..... D13/103  
D550,152 S \* 9/2007 Okuda ..... D13/103  
D568,239 S \* 5/2008 Okada ..... D13/103

D589,441 S \* 3/2009 Van Wambeke ..... D13/103  
D597,931 S \* 8/2009 Aglassinger ..... D13/103  
D597,933 S \* 8/2009 Aglassinger ..... D13/103  
D597,935 S \* 8/2009 Aglassinger ..... D13/103  
D598,373 S \* 8/2009 Aglassinger ..... D13/103  
D604,694 S \* 11/2009 Aglassinger ..... D13/103  
D604,695 S \* 11/2009 Aglassinger ..... D13/103  
D622,661 S \* 8/2010 Yamada ..... D13/103  
D639,730 S \* 6/2011 Kawase ..... D13/103  
D640,190 S \* 6/2011 Aglassinger ..... D13/103  
D640,628 S \* 6/2011 Lopano ..... D13/103  
D640,975 S \* 7/2011 Okuda ..... D13/103  
D643,809 S \* 8/2011 Okuda ..... D13/103  
D658,578 S \* 5/2012 Davis ..... D13/103  
D682,192 S \* 5/2013 Corbin ..... D13/103  
D682,193 S \* 5/2013 Corbin ..... D13/103  
D682,194 S \* 5/2013 Jiang ..... D13/103  
D684,528 S \* 6/2013 Murray ..... D13/103  
D685,730 S \* 7/2013 Hamm ..... D13/103

(Continued)

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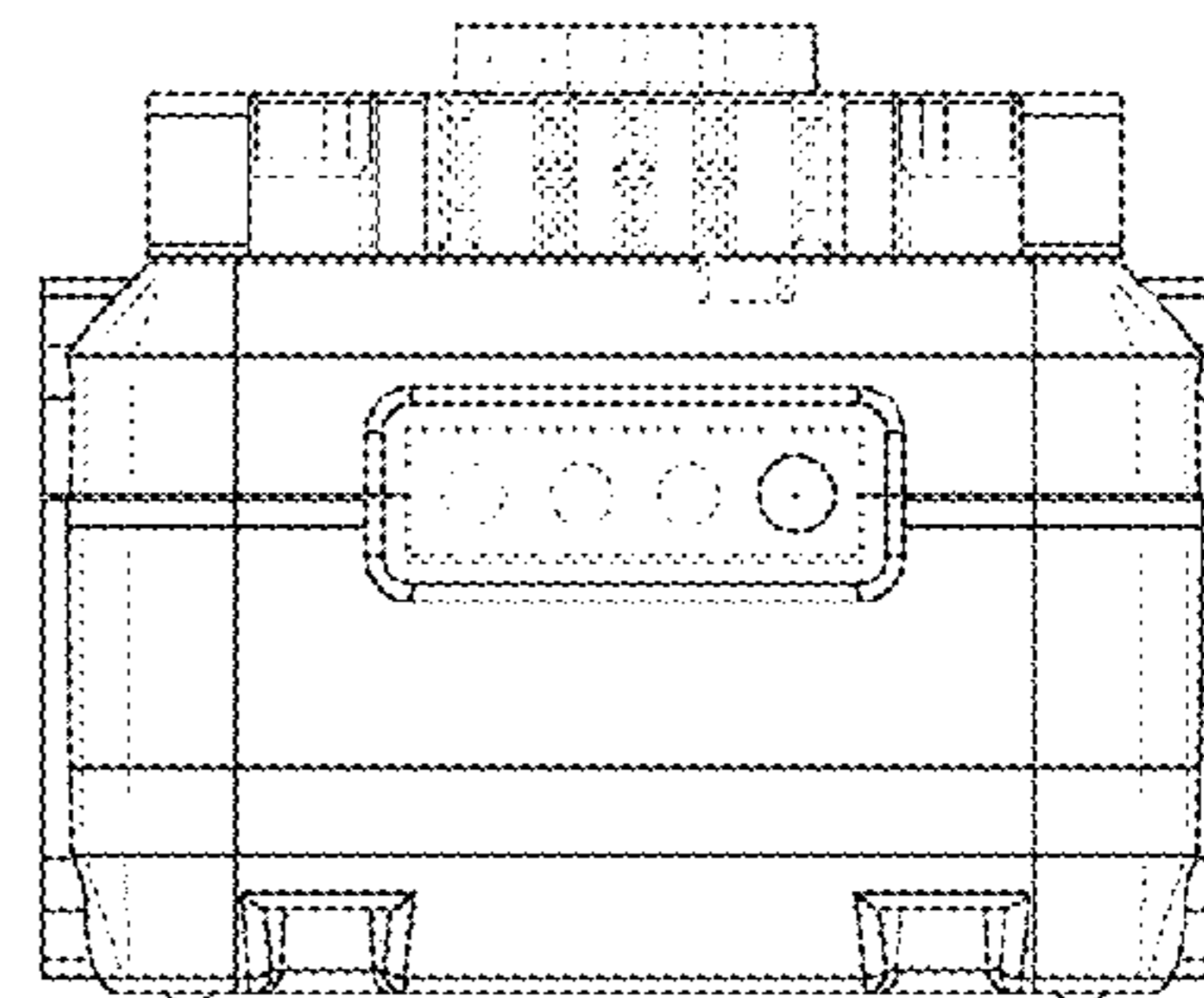
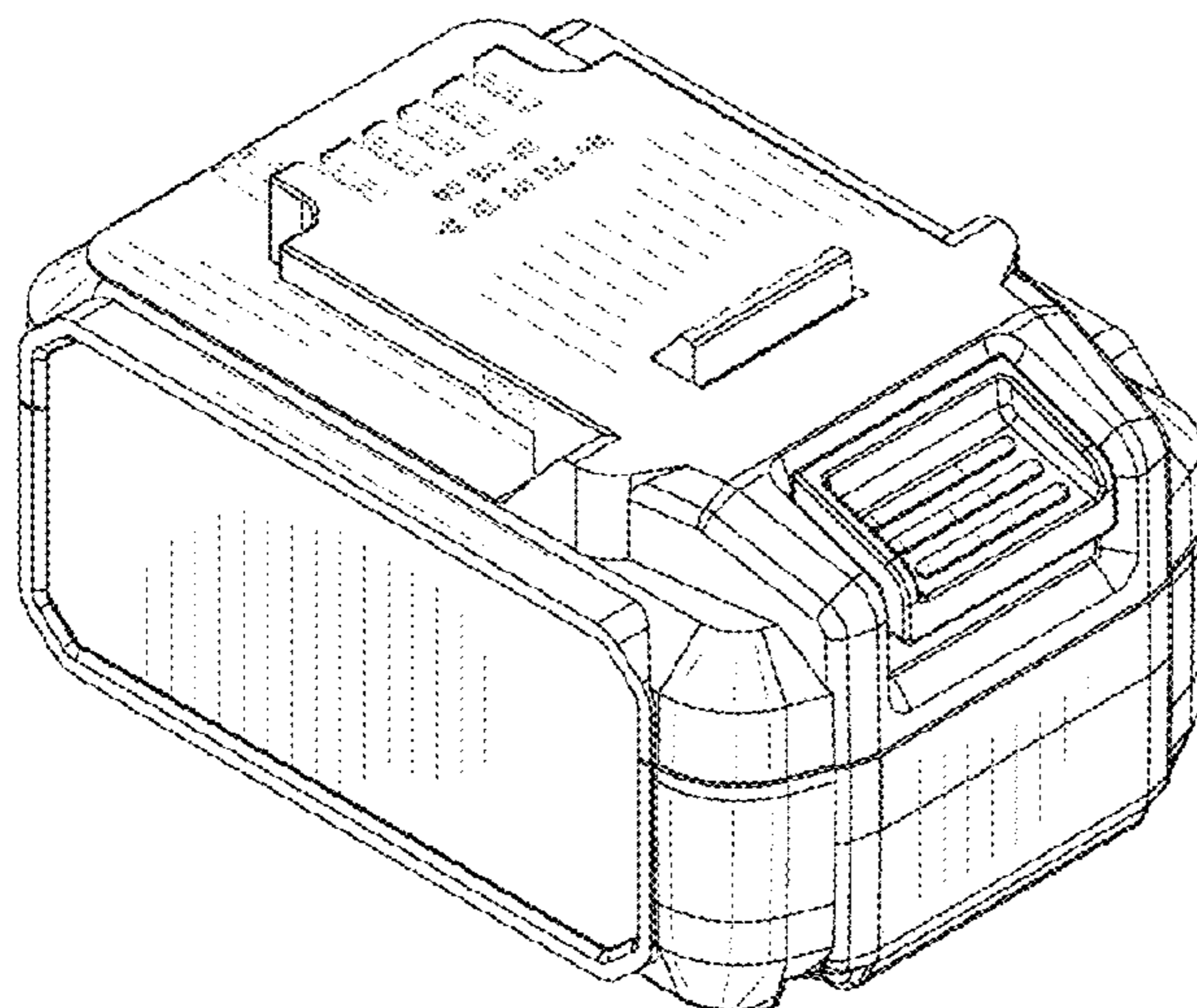
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a battery pack showing my new design;  
FIG. 2 is a left side view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a front view thereof;  
FIG. 5 is a rear view thereof;  
FIG. 6 is a top view; and,  
FIG. 7 is a bottom view thereof.  
The broken lines in the drawings are for the purpose of illustrating portions of the battery pack that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



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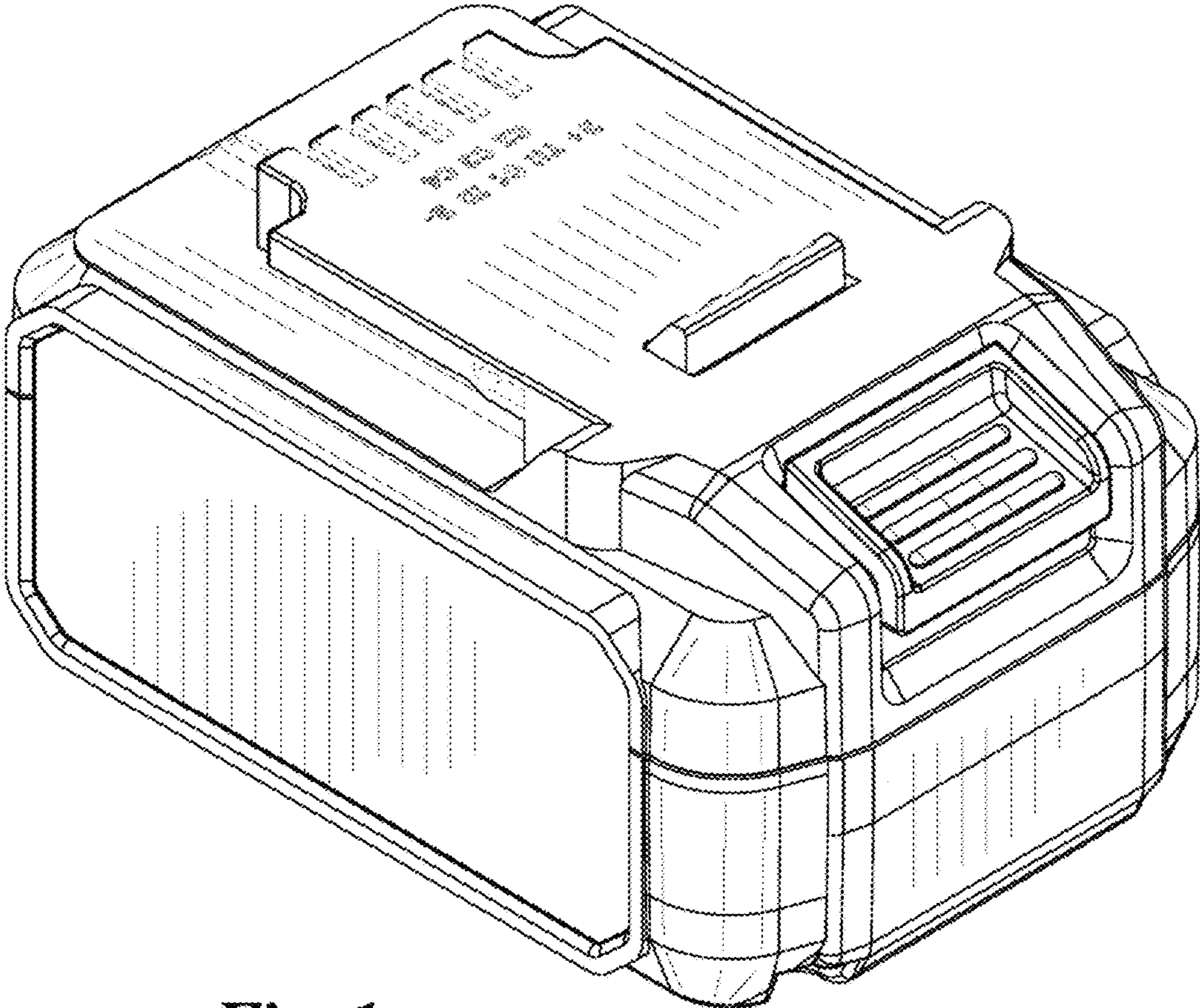
References Cited

U.S. PATENT DOCUMENTS

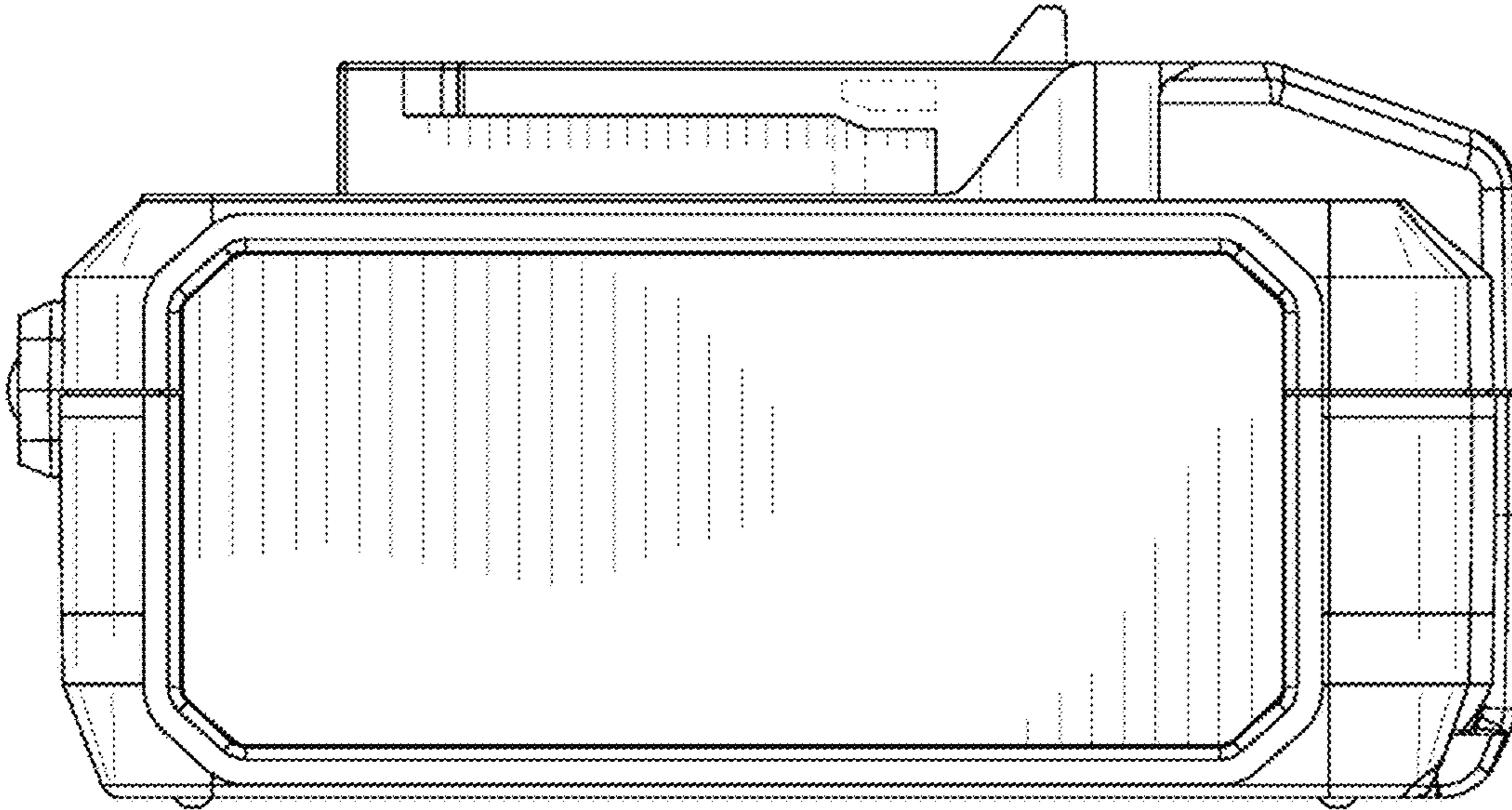
D699,180 S \* 2/2014 Sweere ..... D13/103  
 D699,670 S \* 2/2014 Cooper ..... D13/103  
 D710,794 S \* 8/2014 Busschaert ..... D13/103  
 D712,826 S \* 9/2014 Marino ..... D13/103  
 D718,705 S \* 12/2014 Naksen ..... D13/103  
 9,318,729 B2 \* 4/2016 Ogura ..... H01M 2/1055  
 D770,377 S \* 11/2016 Kondo ..... D13/103  
 D776,610 S \* 1/2017 Nommensen ..... D13/103  
 D780,687 S \* 3/2017 Taniguchi ..... D13/103  
 D780,688 S \* 3/2017 Elder ..... D13/103  
 D785,562 S \* 5/2017 Cooper ..... D13/103  
 D790,453 S \* 6/2017 Tinius ..... D13/103  
 D797,661 S \* 9/2017 Elder ..... D13/103  
 2011/0097619 A1 \* 4/2011 Park ..... H01M 2/105  
 429/159  
 2012/0043928 A1 \* 2/2012 Yoneda ..... H01M 2/1055  
 320/107  
 2012/0058384 A1 \* 3/2012 Ogura ..... H01M 2/1055  
 429/159  
 2012/0251848 A1 \* 10/2012 Cho ..... H01M 2/1055  
 429/7

2013/0089764 A1 \* 4/2013 Melnyk ..... H01M 2/1022  
 429/72  
 2014/0127543 A1 \* 5/2014 Cho ..... H01M 2/1016  
 429/99  
 2014/0197803 A1 \* 7/2014 Ishikawa ..... B60L 11/1816  
 320/150  
 2014/0272516 A1 \* 9/2014 Tennison ..... H01M 2/105  
 429/120  
 2014/0302353 A1 \* 10/2014 Ogura ..... H01M 2/1055  
 429/7  
 2014/0302369 A1 \* 10/2014 Naito ..... H01M 2/1055  
 429/100  
 2014/0302376 A1 \* 10/2014 Naito ..... H01M 2/1055  
 429/156  
 2014/0302377 A1 \* 10/2014 Naito ..... H01M 2/105  
 429/156  
 2016/0072106 A1 \* 3/2016 Baumgartner ..... H01M 2/1022  
 320/113  
 2016/0172722 A1 \* 6/2016 Rejman ..... H01M 10/488  
 362/119  
 2016/0240901 A1 \* 8/2016 Kondo ..... H01M 10/6566  
 2016/0359151 A1 \* 12/2016 Beyerl ..... H01M 2/1055  
 2017/0012272 A1 \* 1/2017 Naito ..... H01M 2/30

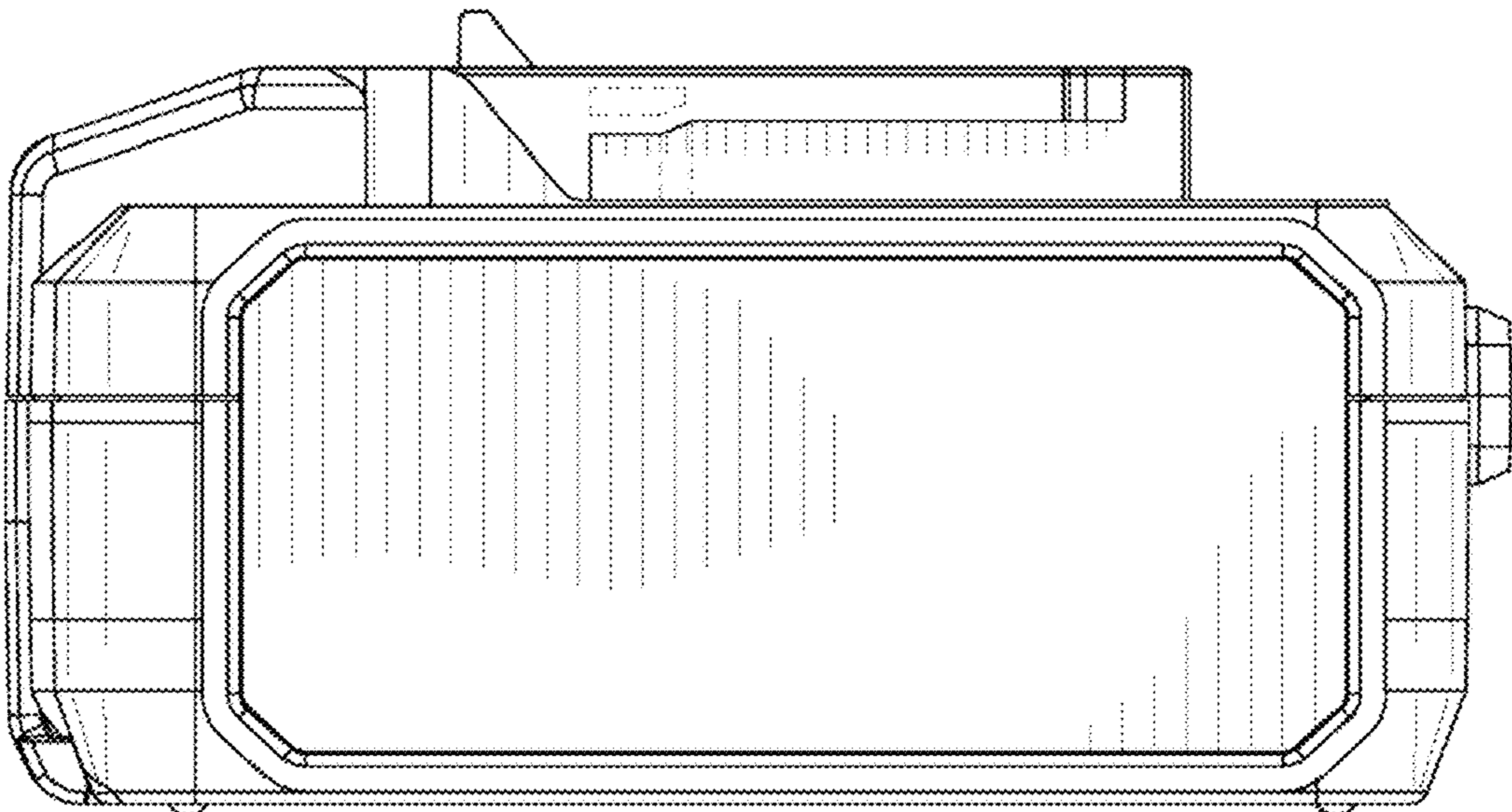
\* cited by examiner



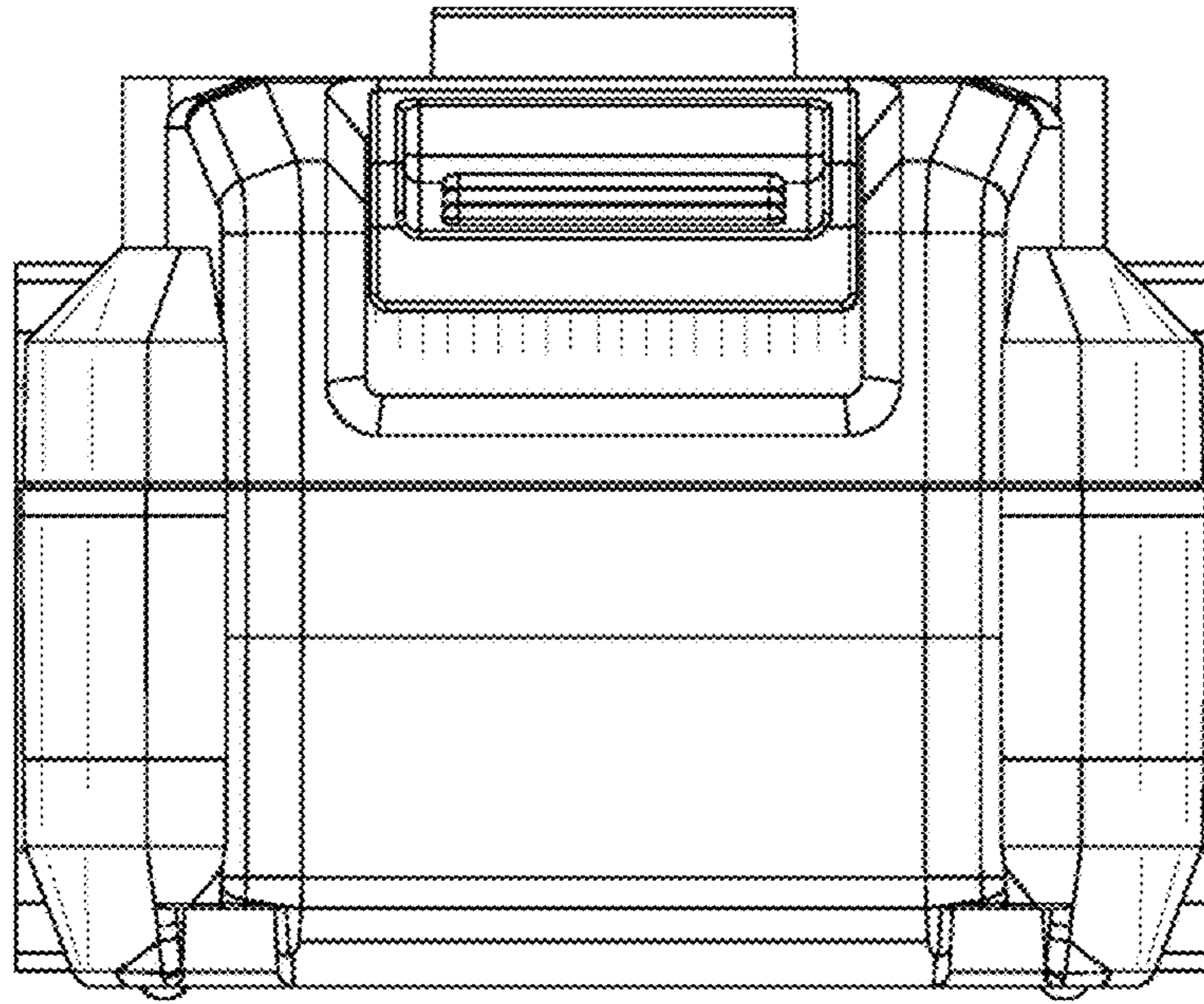
**Fig. 1**



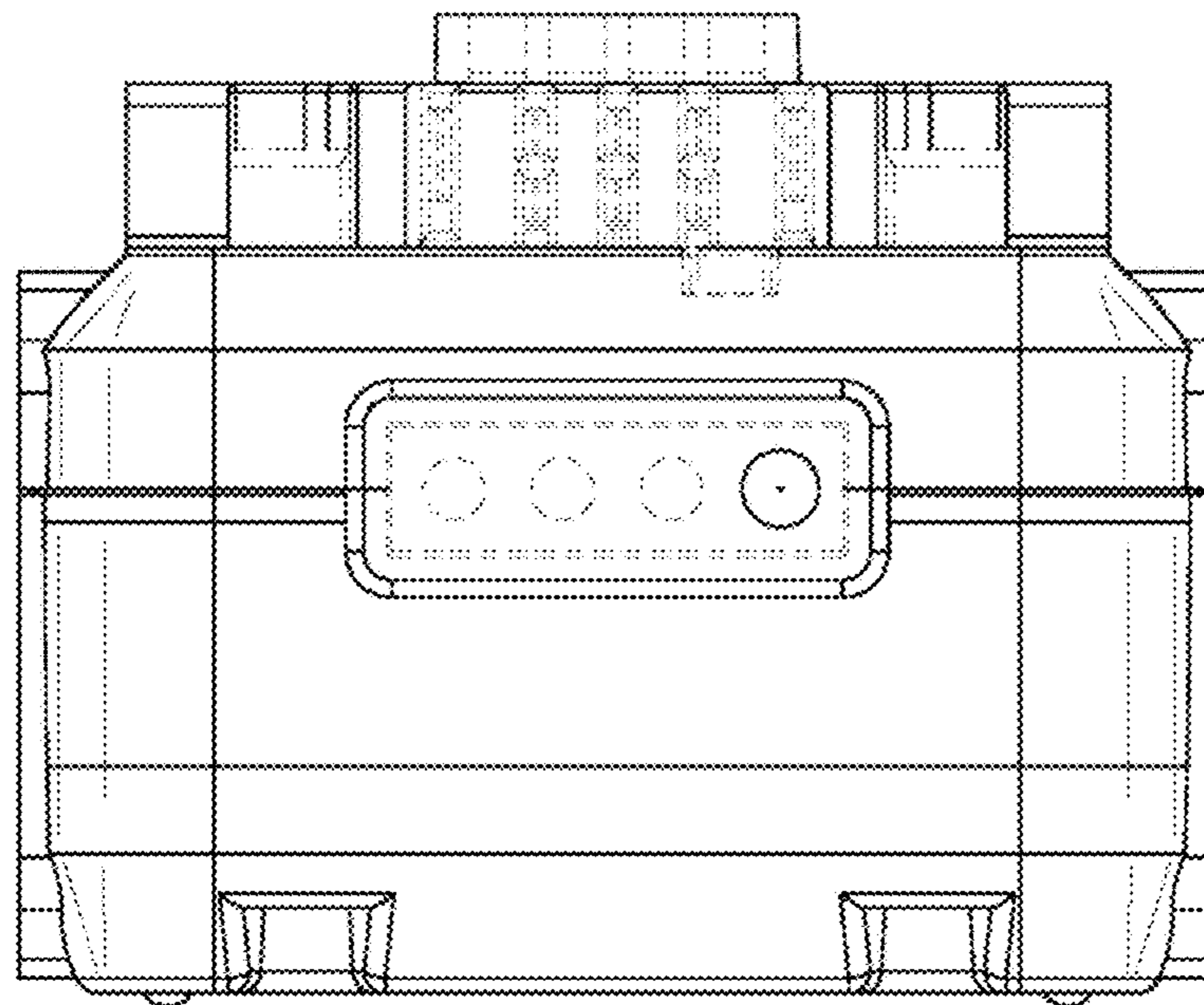
**Fig. 2**



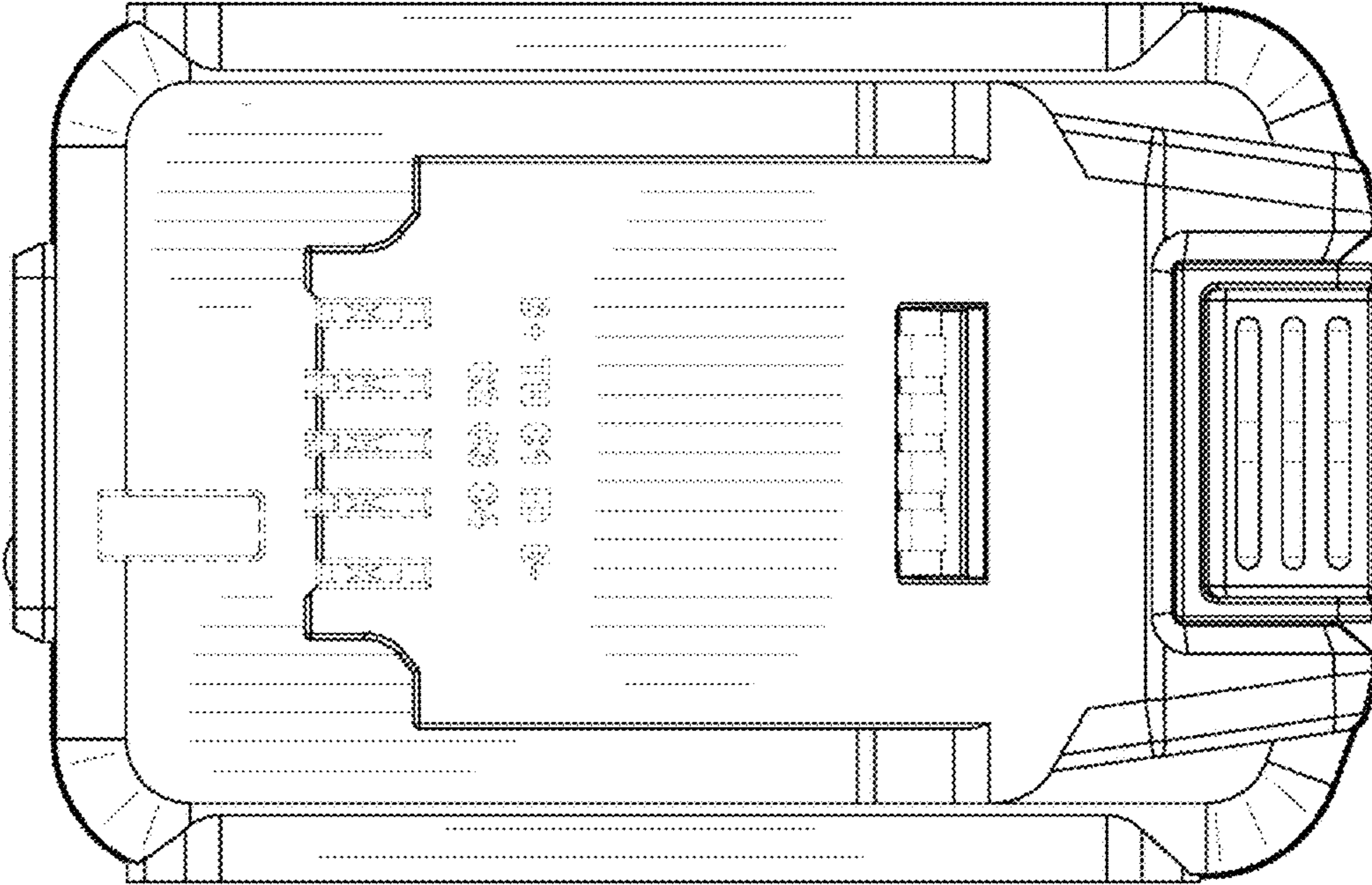
**Fig. 3**



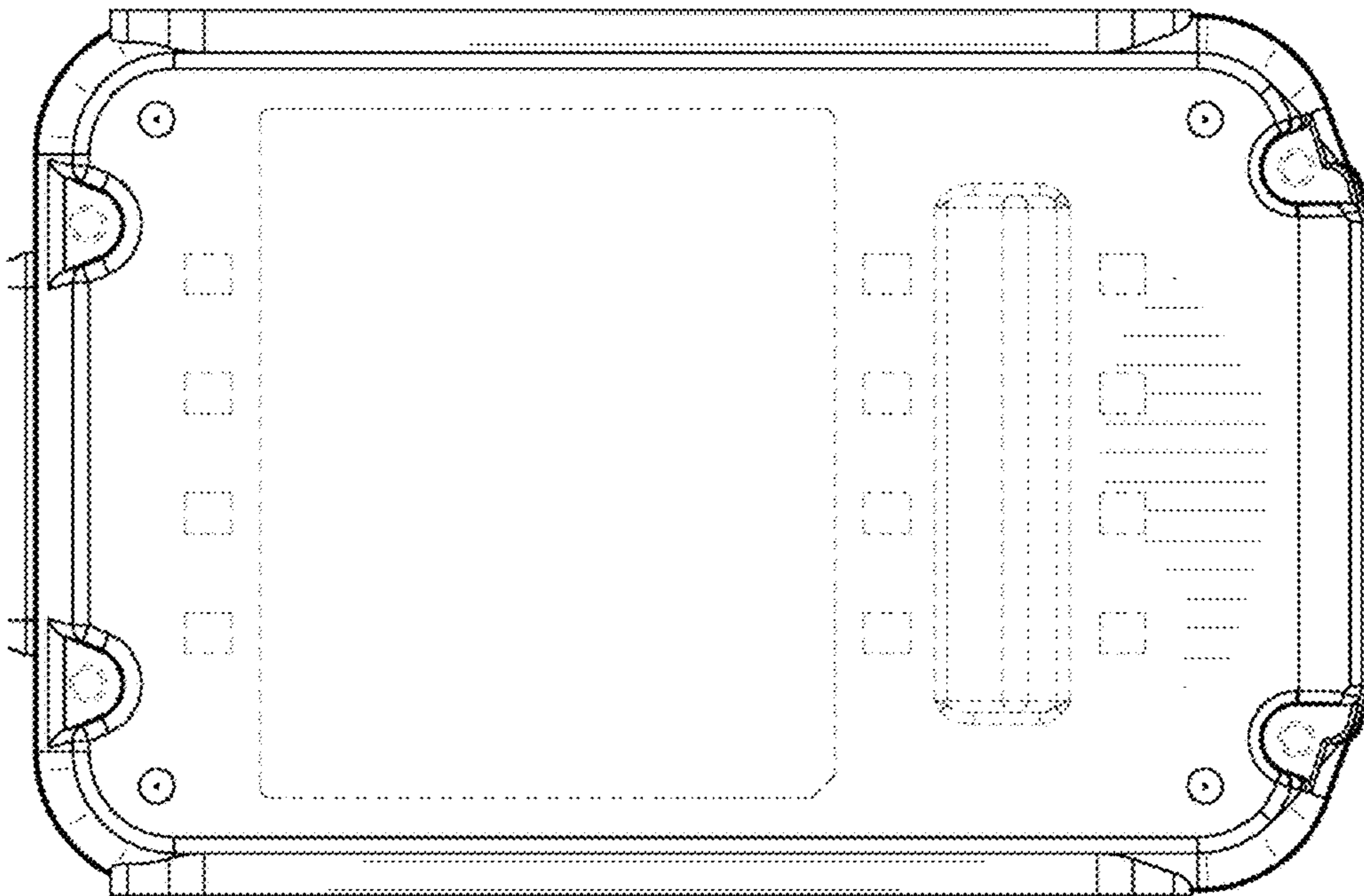
**Fig. 4**



**Fig. 5**



**Fig. 6**



**Fig. 7**