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(12) **United States Design Patent**
Becton et al.

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(45) **Date of Patent:** **** Sep. 12, 2023**

(54) **DISPENSING DEVICE**

- (71) Applicant: **Hydration Labs, Inc.**, Charlestown, MA (US)
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- (73) Assignee: **Hydration Labs, Inc.**, Charlestown, MA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/748,625**

- (22) Filed: **Aug. 31, 2020**
- (51) **LOC (14) Cl.** **07-01**
- (52) **U.S. Cl.**
USPC **D7/306; D7/311**
- (58) **Field of Classification Search**
USPC D7/305-311, 300, 313, 397; 99/295,
99/323.1, 305, 307, 279, 284, 304, 306,
99/308-312, 316; 222/129.1, 185.1;
D15/81, 82
CPC A47J 31/44; A47J 31/4403; A47J 31/46;
A47J 31/4482; A47J 31/407; A47J
31/0615; A47J 31/043; A47J 31/057;
A47J 31/10; B67D 1/00; B67D 1/0888;
B67D 3/0061
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,256,802 A 3/1962 Karr
- 3,397,871 A 10/1965 Hasselberg
- 3,777,937 A 12/1973 Buck

(Continued)

FOREIGN PATENT DOCUMENTS

- CN 101855657 10/2010
- CN 102791613 11/2012

(Continued)

OTHER PUBLICATIONS

QSR Magazine [online] URL: <https://www.qsrmagazine.com/news/coca-cola-launches-freestyle-9100-nra-show> (site visited: Oct. 20, 2022) (Year: 2018).*

(Continued)

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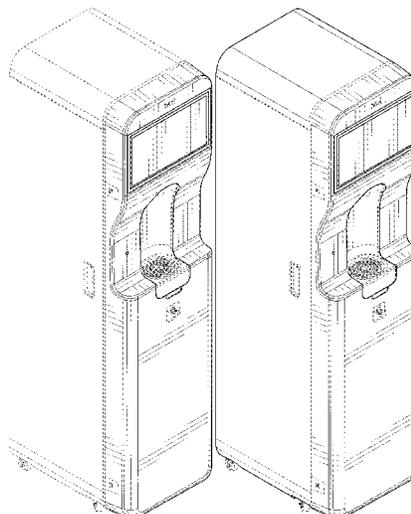
(57) **CLAIM**

The ornamental design for a dispensing device, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a first embodiment of our new design for a dispensing device;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a left-side elevation view thereof;
FIG. 6 is a right-side elevation view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is a top perspective view of a second embodiment of our new design for a dispensing device;
FIG. 10 is a bottom perspective view thereof;
FIG. 11 is a front elevation thereof;
FIG. 12 is a rear elevation view thereof;
FIG. 13 is a left-side elevation view thereof;
FIG. 14 is a right-side elevation view thereof;
FIG. 15 is a top plan view thereof; and,
FIG. 16 is a bottom plan view thereof.
The broken lines shown in the drawings illustrate portions of the dispensing device that form no part of the claimed design.

1 Claim, 16 Drawing Sheets



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(56)

References Cited

U.S. PATENT DOCUMENTS

4,128,190 A 9/1978 Gruber
 4,392,588 A 7/1983 Scalera
 4,955,507 A 9/1990 Kirschner
 4,979,639 A 12/1990 Hoover et al.
 5,129,434 A 7/1992 Whigham et al.
 5,193,746 A 3/1993 Iwamura et al.
 5,279,446 A 1/1994 Cook et al.
 D359,649 S * 6/1995 Salkeld D7/307
 5,427,682 A 6/1995 Vogel et al.
 5,491,617 A 2/1996 Currie
 5,510,060 A 4/1996 Knoll
 5,526,959 A 6/1996 Green
 5,839,291 A 11/1998 Chang
 5,845,824 A 12/1998 Weimer et al.
 5,881,911 A 3/1999 Burdette et al.
 5,930,771 A 7/1999 Stapp
 5,988,441 A 11/1999 Weinaug et al.
 5,992,685 A 11/1999 Credle, Jr.
 6,199,720 B1 3/2001 Rudick et al.
 6,230,150 B1 5/2001 Walker et al.
 6,234,354 B1 5/2001 Phillips et al.
 6,302,299 B1 10/2001 Baker et al.
 6,364,159 B1 4/2002 Newman et al.
 6,425,226 B1 7/2002 Kirschner
 6,431,950 B1 8/2002 Mayes
 6,504,481 B2 1/2003 Teller
 6,547,100 B2 4/2003 Phillips et al.
 6,556,889 B2 4/2003 Rudick et al.
 6,616,037 B2 9/2003 Grimm et al.
 6,807,460 B2 10/2004 Black et al.
 6,962,270 B1 11/2005 Barker et al.
 7,020,680 B2 3/2006 Defosse
 7,218,991 B2 5/2007 Walker et al.
 D554,930 S * 11/2007 Lavy D7/307
 D571,141 S * 6/2008 Roosmalen D7/307
 7,445,133 B2 11/2008 Ludovissie et al.
 D585,690 S * 2/2009 Dammkoehler D7/307
 7,499,762 B2 3/2009 Khorramshahi
 7,553,076 B2 6/2009 An
 7,573,395 B2 8/2009 Morrison et al.
 7,577,496 B2 8/2009 Walker et al.
 7,587,333 B1 9/2009 Walker et al.
 7,627,496 B2 12/2009 Walker et al.
 7,726,562 B2 6/2010 Walker et al.
 7,739,181 B2 6/2010 Breitenbach et al.
 7,757,896 B2 7/2010 Carpenter et al.
 7,826,923 B2 11/2010 Walker et al.
 7,865,265 B2 1/2011 Walker et al.
 7,894,936 B2 2/2011 Walker et al.
 7,912,580 B2 3/2011 Walker et al.
 7,912,581 B2 3/2011 Walker et al.
 7,913,879 B2 3/2011 Carpenter et al.
 D635,812 S * 4/2011 Wang D7/311
 D638,513 S * 5/2011 Choi D7/307
 7,972,639 B2 7/2011 Guerrero et al.
 D643,240 S * 8/2011 Yui D7/307
 D643,666 S * 8/2011 Yui D7/307
 D643,667 S * 8/2011 Yui D7/307
 D643,668 S * 8/2011 Yui D7/307
 8,001,795 B2 8/2011 Pfister et al.
 8,068,933 B2 11/2011 Walker et al.
 8,079,495 B2 12/2011 Bethuy et al.
 8,140,185 B2 3/2012 Simmons et al.
 8,162,176 B2 4/2012 Rudick
 8,162,181 B2 4/2012 Carpenter et al.
 8,191,779 B2 6/2012 Illingworth et al.
 8,234,207 B2 7/2012 Breitenbach et al.
 8,328,050 B2 12/2012 Zeisel
 8,458,312 B2 6/2013 Raghunathan et al.
 8,590,746 B2 11/2013 Bethuy et al.
 8,596,529 B1 12/2013 Kolls
 8,631,974 B2 1/2014 Piatnik et al.
 8,642,051 B2 2/2014 Stillman
 D700,794 S * 3/2014 Yui D7/307
 8,666,874 B2 3/2014 Breitenbach et al.

8,744,618 B2 6/2014 Peters et al.
 8,751,037 B2 6/2014 Peters et al.
 D710,642 S * 8/2014 Broen D7/311
 D710,643 S * 8/2014 Broen D7/311
 D716,093 S * 10/2014 Jakeman D7/311
 9,399,570 B2 7/2016 Van Haperen et al.
 D790,898 S * 7/2017 Taubman D7/311
 D813,346 S * 3/2018 Lee D23/207
 D851,447 S * 6/2019 Walton D7/397
 D862,148 S * 10/2019 Broen D7/311
 D878,134 S * 3/2020 Rubin D7/313
 11,148,927 B2 * 10/2021 Wing B67D 1/16
 D943,327 S * 2/2022 Choi D7/300
 D972,876 S * 12/2022 Broen D7/307
 D978,593 S * 2/2023 Melkonian D23/207
 D983,610 S * 4/2023 Melkonian D7/589
 D984,188 S * 4/2023 Melkonian D7/307
 D988,054 S * 6/2023 Melkonian D7/311
 D988,055 S * 6/2023 Melkonian D7/307
 2003/0012864 A1 1/2003 Gerber
 2003/0121937 A1 7/2003 Black et al.
 2004/0118291 A1 6/2004 Carhuff
 2005/0121466 A1 6/2005 Sher
 2005/0133531 A1 6/2005 Crisp, III et al.
 2005/0276035 A1 12/2005 Currie
 2006/0097008 A1 5/2006 Emmendoerfer et al.
 2007/0267441 A1 11/2007 Van Opstal et al.
 2008/0202148 A1 8/2008 Gagliano
 2009/0065570 A1 3/2009 Peters et al.
 2010/0213212 A1 8/2010 Custodis et al.
 2011/0049187 A1 3/2011 Boekhoorn et al.
 2011/0181417 A1 7/2011 Haskayne et al.
 2011/0192495 A1 8/2011 Deo et al.
 2011/0315711 A1 12/2011 Hecht
 2012/0104021 A1 5/2012 Cur et al.
 2012/0104028 A1 5/2012 Bortoletto et al.
 2012/0114814 A1 5/2012 Bippert
 2012/0325845 A1 12/2012 Newman
 2012/0325846 A1 12/2012 Reddy
 2013/0106690 A1 5/2013 Lim
 2013/0233888 A1 9/2013 Kim et al.
 2013/0309361 A1 11/2013 Kyong et al.
 2014/0097549 A1 4/2014 Hoare et al.
 2014/0107835 A1 4/2014 Biasi et al.
 2014/0352805 A1 12/2014 Kuebeck
 2015/0102062 A1 4/2015 Mosimann
 2015/0191341 A1 7/2015 Martindale et al.
 2015/0232320 A1 8/2015 Wait et al.
 2015/0239724 A1 8/2015 Cronise
 2016/0009539 A1 1/2016 Jersey et al.
 2016/0130131 A1 5/2016 Hitzelberger et al.
 2016/0255991 A1 9/2016 Givens, Jr. et al.
 2017/0043992 A1 2/2017 Green
 2017/0088410 A1 3/2017 Wing et al.
 2017/0233234 A1 8/2017 Hecht et al.
 2017/0241701 A1 8/2017 Lee et al.
 2018/0132507 A1 5/2018 Siegel et al.
 2018/0251358 A1 9/2018 Wing et al.
 2018/0251359 A1 9/2018 Wing et al.
 2018/0251360 A1 9/2018 Wing et al.
 2018/0251361 A1 9/2018 Wing et al.
 2019/0231119 A1 8/2019 Kennedy et al.

FOREIGN PATENT DOCUMENTS

CN 303332940 * 8/2015
 CN 305110428 * 4/2019
 CN 305224416 * 6/2019
 CN 305518194 * 12/2019
 CN 305805521 * 5/2020
 CN 306275446 * 1/2021
 CN 307228987 * 4/2022
 CN 307331869 * 5/2022
 EP 0873966 4/1998
 ID A00202103973-000 * 12/2021
 IN 317903-001-0001 * 11/2020
 WO 2009032686 12/2009

(56)

References Cited

FOREIGN PATENT DOCUMENTS

WO	2012161936	11/2012
WO	2015022692	2/2015
WO	2017059027	6/2017

OTHER PUBLICATIONS

FloWater [online] URL: <https://www.denverpost.com/2019/03/18/flower-water-cooler-denver-sunnyside/> (site visited: Oct. 20, 2022) (Year: 2019).*

Brio [online] URL: <https://briowater.com/blogs/blog/how-to-change-a-bottleless-water-cooler-filter> (site visited: Oct. 20, 2022) (Year: 2020).*

Bevi [online] URL: <https://web.archive.org/web/20220505222229/https://quenchwater.com/product/bevi-2-0-brought-to-you-by-quench/> (site visited: Oct. 20, 2022) (Year: 2022).*

Examination Report dated Nov. 2, 2020 for United Kingdom Patent Application No. GB1804610.2.

European Search Report dated Feb. 27, 2019 for European Patent Application No. 16852569.9.

Extended European Search Report dated Jun. 4, 2019 for European Patent Application No. 16852569.9.

International Preliminary Report on Patentability dated Apr. 12, 2018 for International Patent Application No. PCT/US16/54370.

International Search Report and Written Opinion dated Mar. 27, 2017 for International Patent Application No. PCT/US16/54370.

* cited by examiner

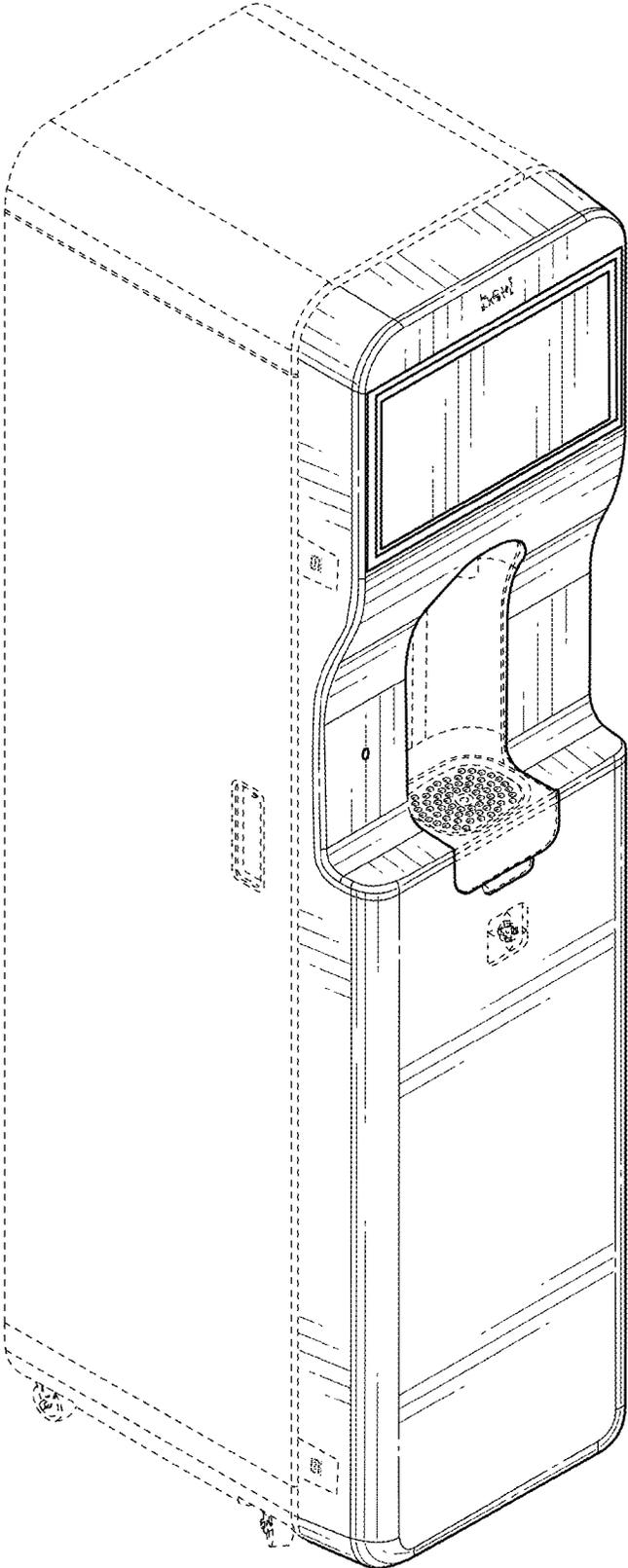


FIG. 1

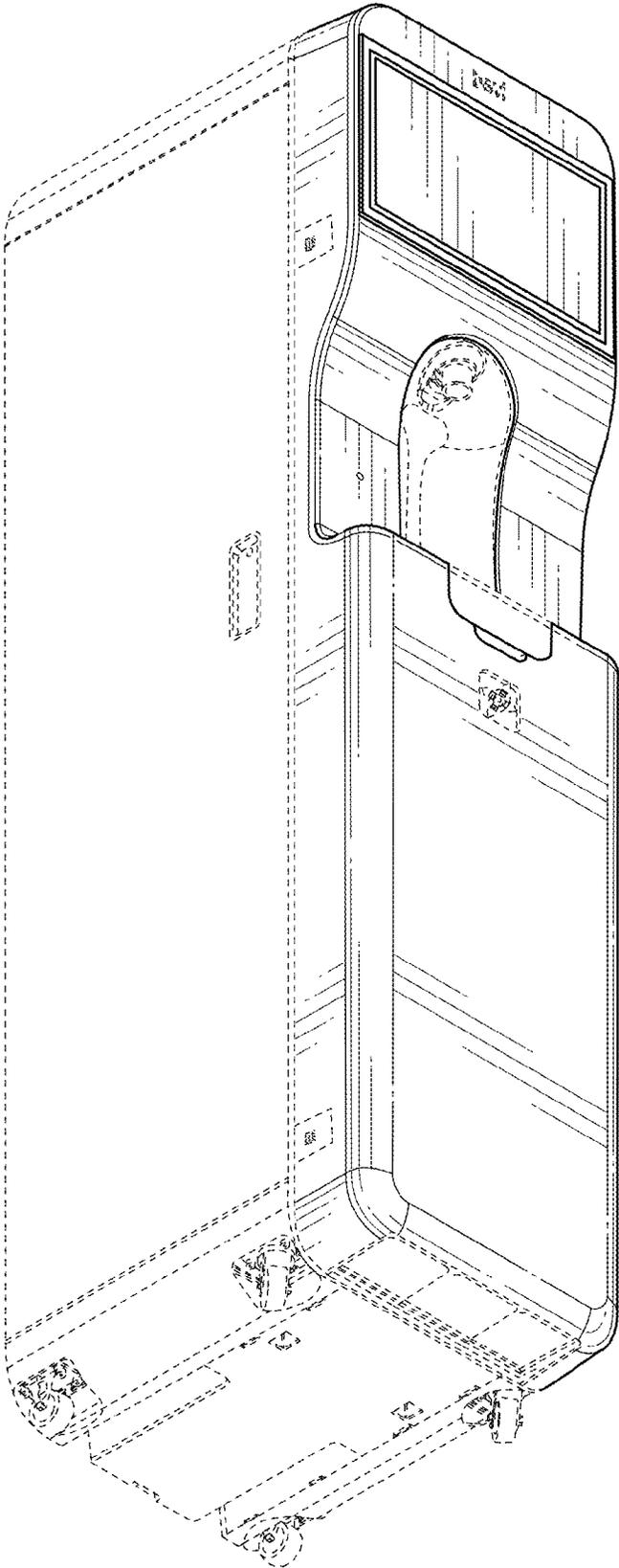


FIG. 2

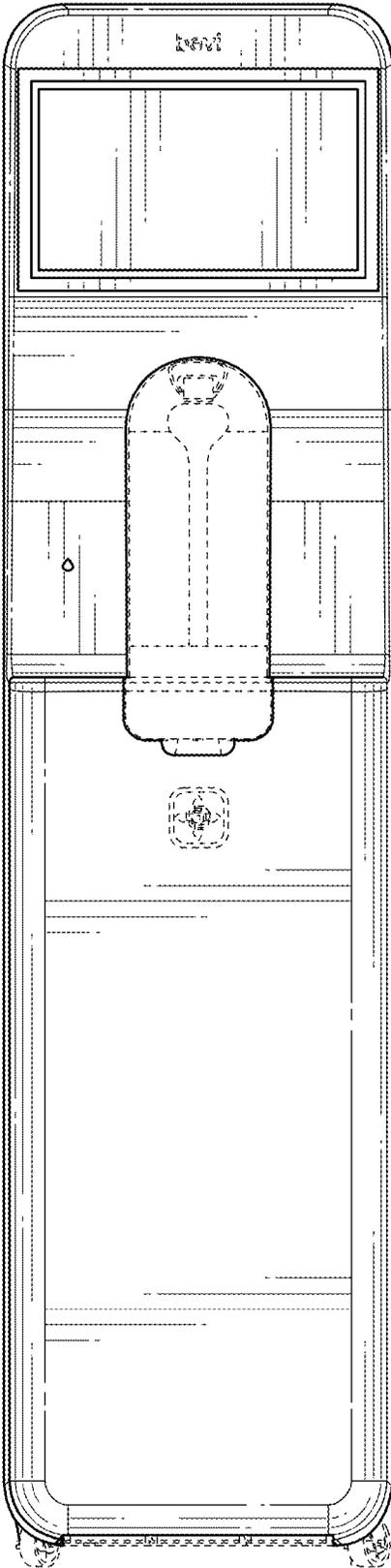


FIG. 3

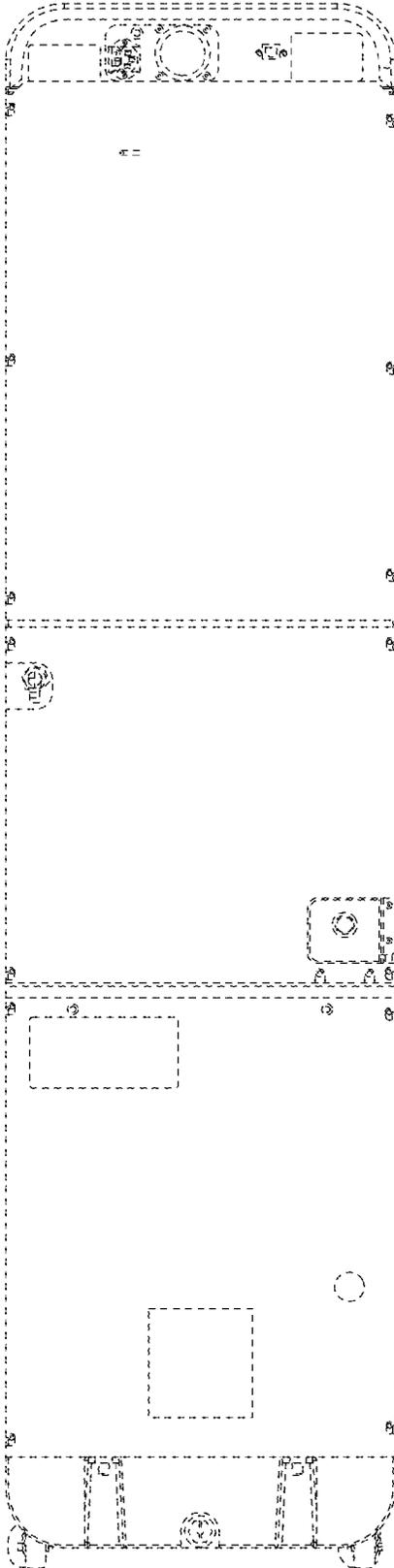


FIG. 4

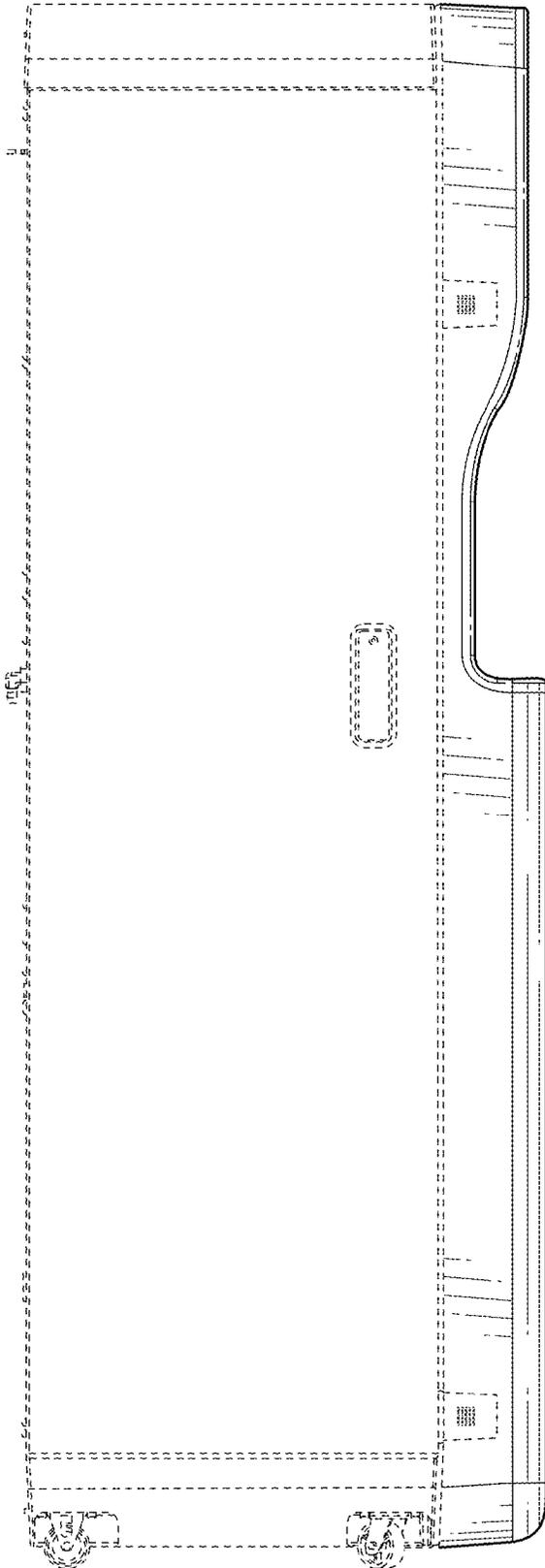


FIG. 5

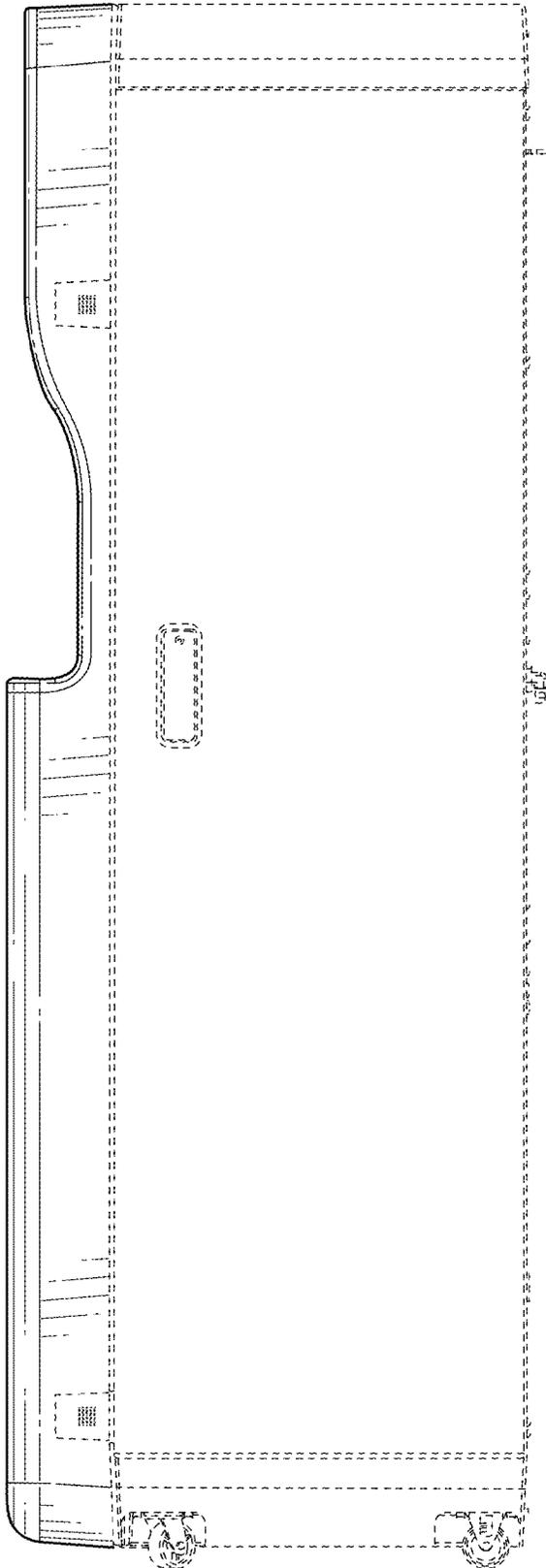


FIG. 6

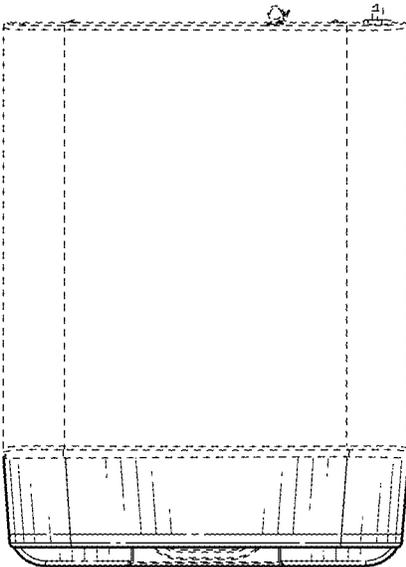


FIG. 7

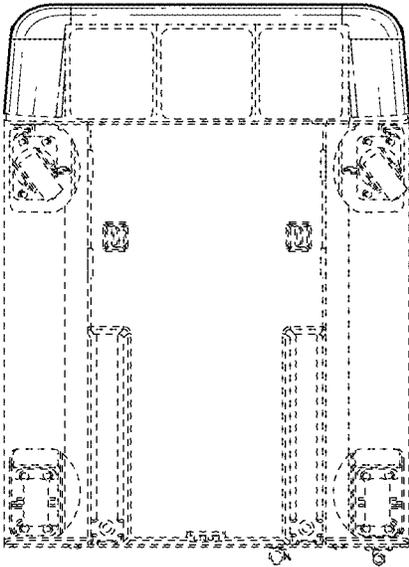


FIG. 8

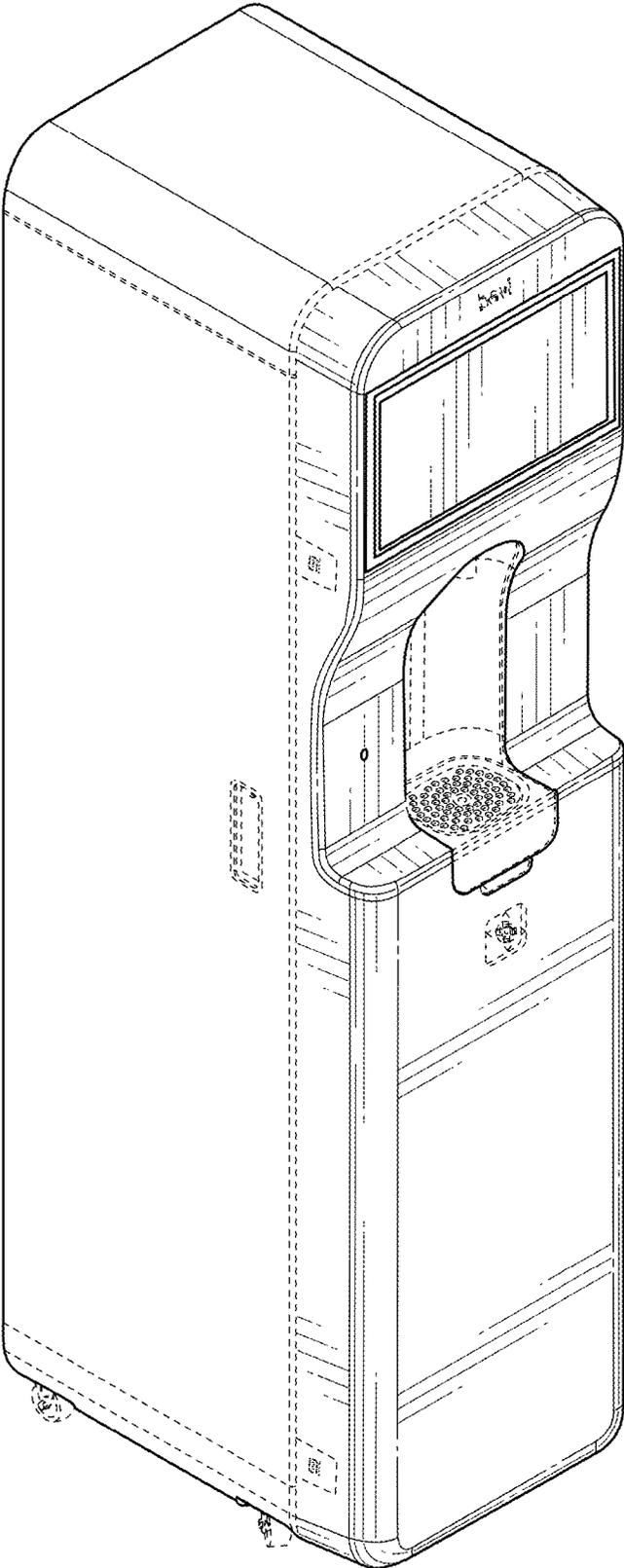


FIG. 9

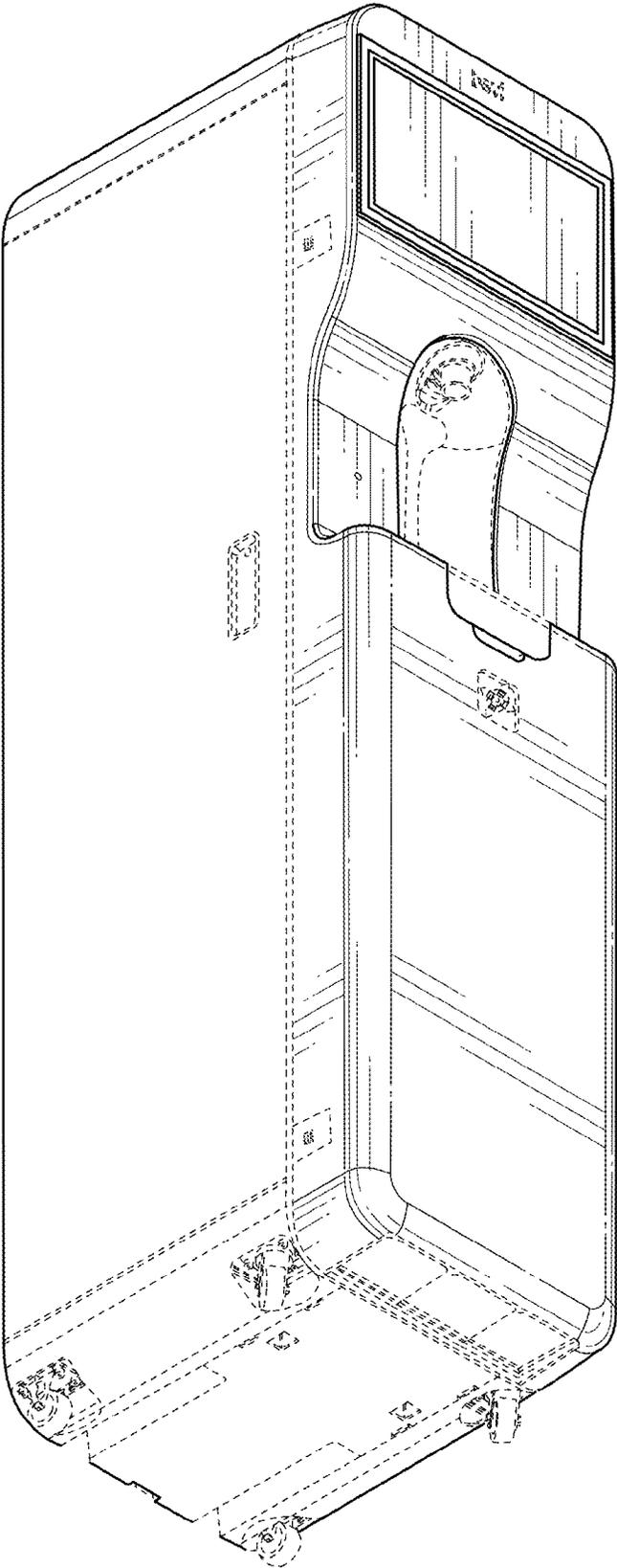


FIG. 10

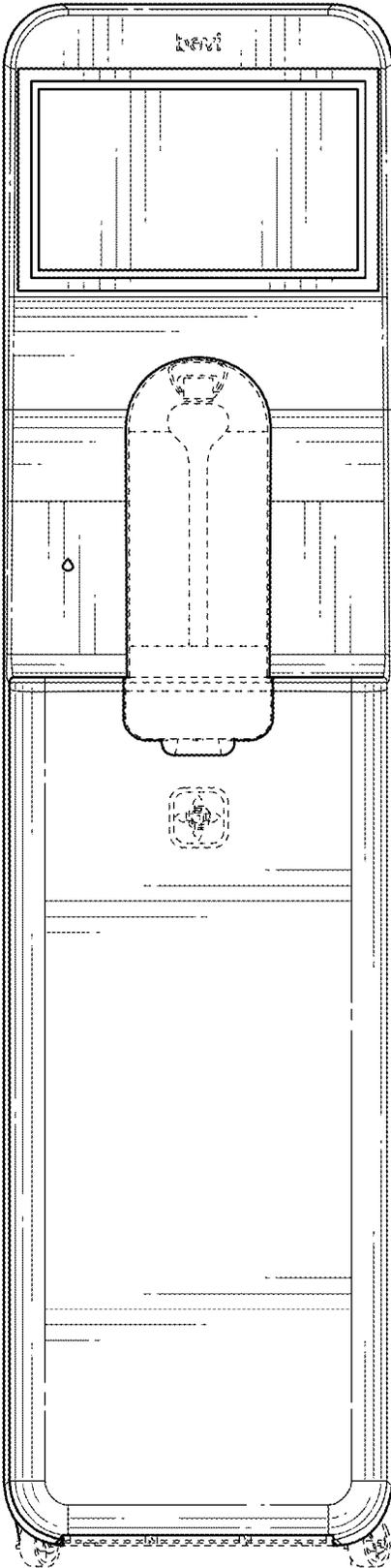


FIG. 11

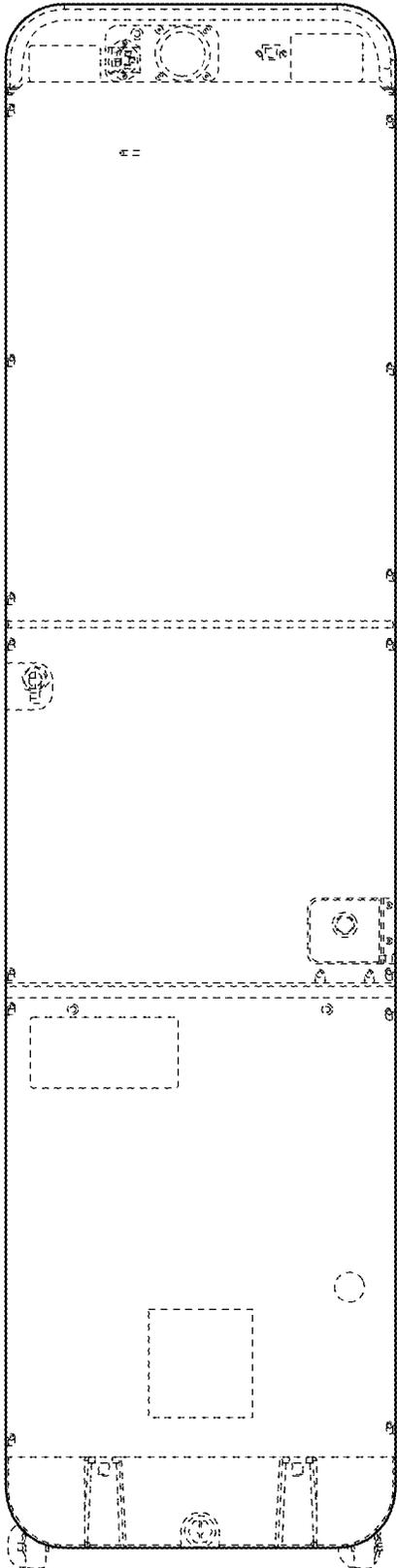


FIG. 12

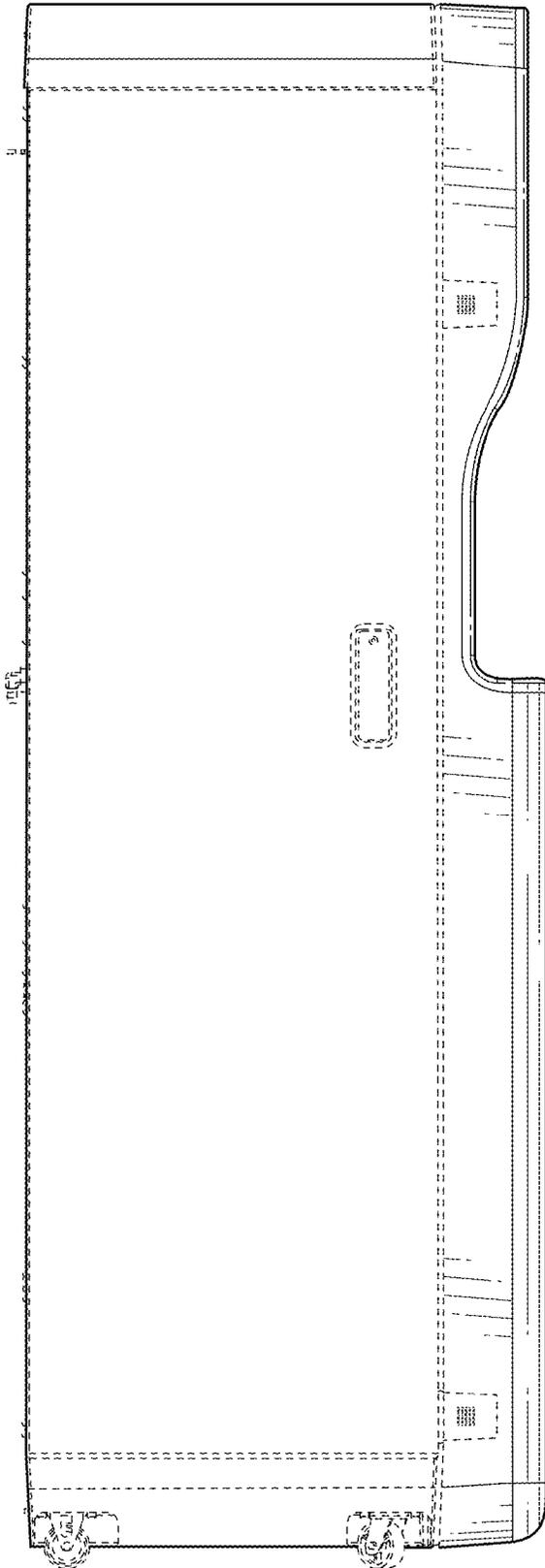


FIG. 13

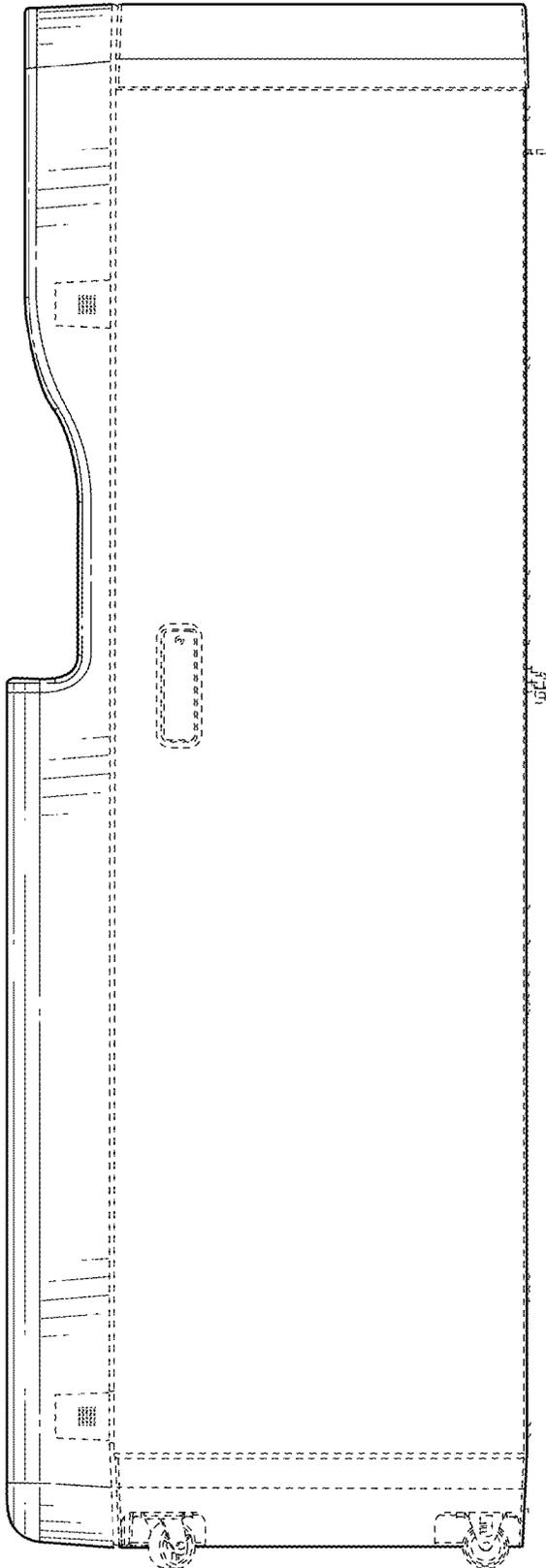


FIG. 14

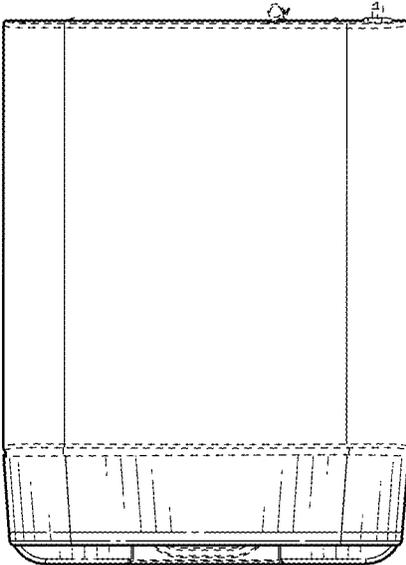


FIG. 15

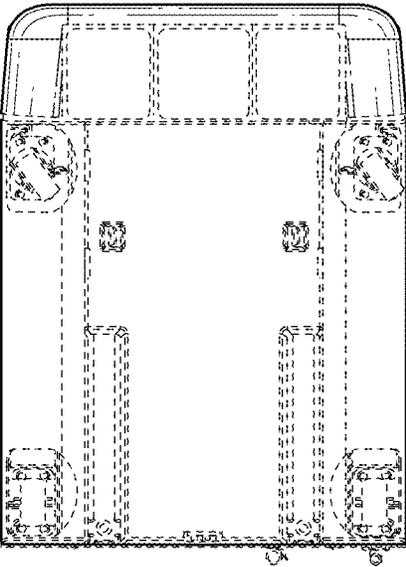


FIG. 16