



US00D775346S

(12) **United States Design Patent** (10) **Patent No.:** **US D775,346 S**  
**Bath et al.** (45) **Date of Patent:** **\*\* Dec. 27, 2016**

(54) **POSITIVE AIRWAY PRESSURE DELIVERY CONSOLE**

FOREIGN PATENT DOCUMENTS

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EM 001312953-0001 3/2012  
EM 001312953-0002 3/2012

(Continued)

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OTHER PUBLICATIONS

Office Action mailed Jan. 20, 2016 in U.S. Appl. No. 29/515,282 (7 pages).

(Continued)

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(73) Assignee: **ResMed Limited**, Bella Vista (AU)

(57) **CLAIM**

The ornamental design for a positive airway pressure delivery console, as shown and described.

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/523,902**

**DESCRIPTION**

(22) Filed: **Apr. 15, 2015**

**Related U.S. Application Data**

(62) Division of application No. 29/482,519, filed on Feb. 19, 2014, now Pat. No. Des. 743,556.

(51) **LOC (10) Cl.** ..... **24-00**

(52) **U.S. Cl.**  
USPC ..... **D24/164**

(58) **Field of Classification Search**  
USPC ..... D24/164, 110; 128/205.24, 204.21;  
D23/235, 356; 137/512, 102

(Continued)

FIG. 1 is a perspective view, from the front, right corner, of a positive airway pressure delivery console according to our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a right side view thereof; and  
FIG. 7 is a left side view thereof;  
FIG. 8 is a perspective view, from the front, right corner, of a positive airway pressure delivery console according to our new design;  
FIG. 9 is a front view thereof;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a top view thereof;  
FIG. 12 is a bottom view thereof;  
FIG. 13 is a right side view thereof; and,  
FIG. 14 is a left side view thereof.

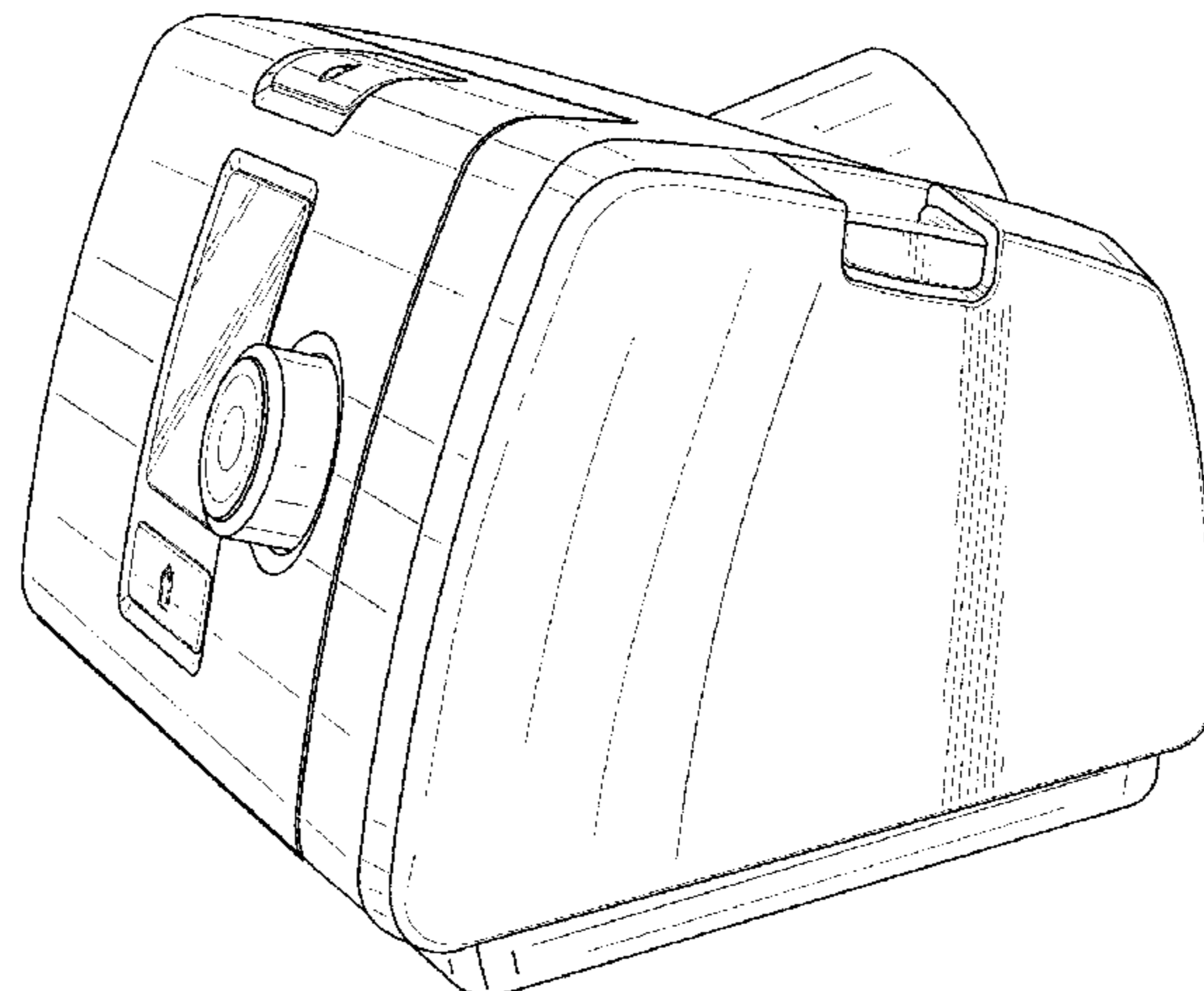
(56) **References Cited**

U.S. PATENT DOCUMENTS

2,073,335 A 3/1937 Karl  
2,516,864 A 8/1950 Gilmore

(Continued)

**1 Claim, 12 Drawing Sheets**



(58) **Field of Classification Search**  
 CPC ..... A61M 16/20; A62B 7/02; F04B 39/1033;  
 G05D 16/10  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,524,522 A 10/1950 Gilmore  
 2,954,802 A 10/1960 Duff  
 3,163,707 A 12/1964 Darling  
 D217,550 S 5/1970 Campbell  
 D280,765 S 9/1985 Alvino  
 D302,040 S 7/1989 Lambert  
 D360,027 S 7/1995 Psaros  
 D378,128 S 2/1997 Rozek et al.  
 D421,298 S \* 2/2000 Kenyon ..... D24/110  
 D436,401 S \* 1/2001 Remes ..... D24/164  
 D439,326 S 3/2001 Hecker  
 D464,724 S 10/2002 Lynch et al.  
 D467,335 S 12/2002 Lithgow et al.  
 D473,941 S 4/2003 Cise  
 D476,077 S 6/2003 Lithgow et al.  
 D476,731 S 7/2003 Cise  
 D486,909 S 2/2004 Cise  
 6,722,904 B2 4/2004 Linhart  
 D493,520 S \* 7/2004 Bertinetti ..... D24/110  
 D493,884 S \* 8/2004 Virr ..... D24/110  
 D497,203 S 10/2004 Lithgow et al.  
 D500,847 S 1/2005 Manke et al.  
 D504,945 S 5/2005 Van Brunt et al.  
 D544,598 S \* 6/2007 Lithgow ..... D24/110  
 7,226,302 B2 6/2007 Walter  
 7,237,770 B2 7/2007 Lipscombe et al.  
 D550,349 S \* 9/2007 Lithgow ..... D24/110  
 D560,795 S \* 1/2008 Lithgow ..... D24/110  
 D561,881 S 2/2008 Huang  
 D561,890 S \* 2/2008 Lithgow ..... D24/110  
 D561,891 S \* 2/2008 Lithgow ..... D24/110  
 D570,473 S 6/2008 Hamaguchi et al.  
 D572,355 S 7/2008 Gao  
 D578,204 S \* 10/2008 Lithgow ..... D24/110  
 D580,060 S \* 11/2008 Adams ..... D24/164  
 D585,131 S \* 1/2009 Trevor-Wilson ..... D24/110  
 D585,540 S \* 1/2009 Lithgow ..... D24/110  
 D590,494 S \* 4/2009 Lithgow ..... D24/110  
 D592,301 S 5/2009 Cork et al.  
 D594,102 S 6/2009 Israel et al.  
 D597,186 S 7/2009 Campbell et al.  
 D602,585 S 10/2009 Blackwell et al.  
 D604,830 S \* 11/2009 Lithgow ..... D24/110  
 D606,655 S 12/2009 Wilkinson et al.  
 D607,107 S 12/2009 McCombs et al.  
 D609,318 S 2/2010 Lam  
 D610,250 S 2/2010 Neuner  
 D611,593 S \* 3/2010 Lithgow ..... D24/110  
 D612,480 S \* 3/2010 Cork ..... D24/110  
 D614,286 S \* 4/2010 Lithgow ..... D24/110  
 D620,102 S 7/2010 Klien et al.  
 D621,031 S \* 8/2010 Lithgow ..... D24/110  
 D627,044 S \* 11/2010 Virr ..... D23/356  
 D628,288 S 11/2010 Row et al.  
 D629,891 S 12/2010 Virr et al.  
 D629,892 S 12/2010 Hill et al.  
 D635,244 S \* 3/2011 Virr ..... D24/110  
 D635,245 S \* 3/2011 Virr ..... D24/110  
 D635,654 S \* 4/2011 Virr ..... D23/356  
 D638,536 S 5/2011 Row et al.  
 D638,537 S 5/2011 Virr et al.  
 D638,933 S 5/2011 Hill et al.  
 D643,114 S \* 8/2011 Virr ..... D24/110  
 D644,731 S 9/2011 Fangrow, Jr.  
 D650,479 S 12/2011 Row et al.  
 D652,916 S 1/2012 Row et al.  
 D652,917 S 1/2012 Hill et al.  
 8,100,127 B2 1/2012 Worley  
 D655,813 S 3/2012 Row et al.

D658,283 S \* 4/2012 Burz ..... D24/110  
 D659,235 S \* 5/2012 Bertinetti ..... D24/110  
 D671,209 S 11/2012 Row et al.  
 D675,730 S 2/2013 Lithgow et al.  
 8,375,945 B2 2/2013 Kepler et al.  
 D677,789 S 3/2013 Row et al.  
 D680,636 S 4/2013 Ching  
 D682,406 S 5/2013 Yeom  
 D685,896 S 7/2013 Niedermann et al.  
 D693,005 S 11/2013 Nawata et al.  
 D696,393 S 12/2013 Lu  
 8,631,789 B2 1/2014 Virr et al.  
 D699,356 S 2/2014 Patil  
 D702,353 S 4/2014 Fujimoto et al.  
 D703,311 S 4/2014 Daly  
 D707,334 S 6/2014 Hernandez  
 D707,338 S 6/2014 Ediger et al.  
 D708,316 S 7/2014 Bertinetti et al.  
 D710,989 S 8/2014 Bertinetti et al.  
 D716,419 S 10/2014 Hernandez  
 D716,452 S 10/2014 Hutchison  
 D719,248 S 12/2014 Smith, Jr. et al.  
 8,905,031 B2 12/2014 Barlow  
 D729,936 S 5/2015 Reback  
 D735,865 S 8/2015 Nishimura  
 D736,371 S 8/2015 Row  
 D738,488 S 9/2015 Formica et al.  
 D738,489 S 9/2015 Formica et al.  
 D741,477 S 10/2015 Rogers  
 D742,508 S 11/2015 Row  
 D743,556 S 11/2015 Bath et al.  
 D744,108 S 11/2015 Verma et al.  
 2006/0106345 A1 5/2006 Flaker et al.  
 2007/0169776 A1 7/2007 Kepler et al.  
 2007/0277828 A1 12/2007 Ho  
 2009/0025724 A1 1/2009 Herron, Jr.  
 2009/0123886 A1 5/2009 Vaska  
 2009/0223514 A1 9/2009 Smith et al.  
 2010/0116272 A1 5/2010 Row et al.  
 2010/0307502 A1 12/2010 Rummery  
 2011/0017212 A1 1/2011 Kenyon et al.  
 2011/0023874 A1 2/2011 Bath  
 2011/0100363 A1 5/2011 Barclay et al.  
 2011/0155132 A1 6/2011 Virr et al.  
 2011/0180068 A1 7/2011 Kenyon et al.  
 2012/0227738 A1 9/2012 Virr  
 2012/0285454 A1 11/2012 Nibu et al.  
 2012/0304994 A1 12/2012 Kwok  
 2013/0008440 A1 1/2013 Maurer et al.  
 2013/0011823 A1 1/2013 Hassanein et al.  
 2013/0206140 A1 8/2013 Kepler et al.  
 2013/0239961 A1 9/2013 Ross et al.  
 2013/0263854 A1 10/2013 Taylor et al.  
 2013/0280055 A1 10/2013 Daly et al.  
 2014/0130802 A1 5/2014 Virr et al.  
 2014/0202460 A1 7/2014 Bath et al.  
 2014/0216459 A1 8/2014 Vos et al.  
 2014/0246025 A1 9/2014 Cragg et al.  
 2015/0283350 A1 10/2015 Miller  
 2015/0306326 A1 10/2015 Graham  
 2015/0306332 A1 10/2015 Bafle  
 2015/0335851 A1 11/2015 Cullen et al.  
 2015/0359989 A1 12/2015 Potharaju et al.

FOREIGN PATENT DOCUMENTS

EM 001312953-0003 3/2012  
 EM 001312953-0004 3/2012  
 EM 001312953-0005 3/2012  
 EP 2 703 034 A2 8/2013  
 WO WO 2011/056080 A1 5/2011  
 WO WO 2012/160477 A1 11/2012

OTHER PUBLICATIONS

ResMed S9™ Series, No Other Sleep Therapy System Delivers,  
 2010 (12 pages).



(56)

**References Cited**

OTHER PUBLICATIONS

Philips Respiroics, System One Sleep Therapy System, May 2012 (2 pages).

Fisher & Paykel Healthcare, Icon Brochure, 2010 (2 pages).

Fisher & Paykel Healthcare, Icon User Manual, Jan. 2010 (214 pages).

U.S. Appl. No. 29/482,519, filed Feb. 2014, Bath et al.

U.S. Appl. No. 29/480,971, filed Jan. 2014, Desvoyes et al.

U.S. Appl. No. 29/502,152, filed Sep. 2014, Bertinetti et al.

U.S. Appl. No. 29/482,541, filed Feb. 2014, Verma et al.

U.S. Appl. No. 29/485,313, filed Mar. 2014, Formica et al.

U.S. Appl. No. 29/492,344, filed May 2014, Bertinetti et al.

Office Action mailed Dec. 4, 2014 in U.S. Appl. No. 29/456,477 (9 pages).

Office Action mailed Dec. 3, 2014 in U.S. Appl. No. 29/456,458 (7 pages).

U.S. Appl. No. 61/838,971, filed Jun. 2013, Huby et al.

U.S. Appl. No. 61/987,245, filed May 2014, Foote et al.

U.S. Appl. No. 29/456,458, filed May 2013, Formica et al.

U.S. Appl. No. 29/456,477, filed May 2013, Formica et al.

\* cited by examiner

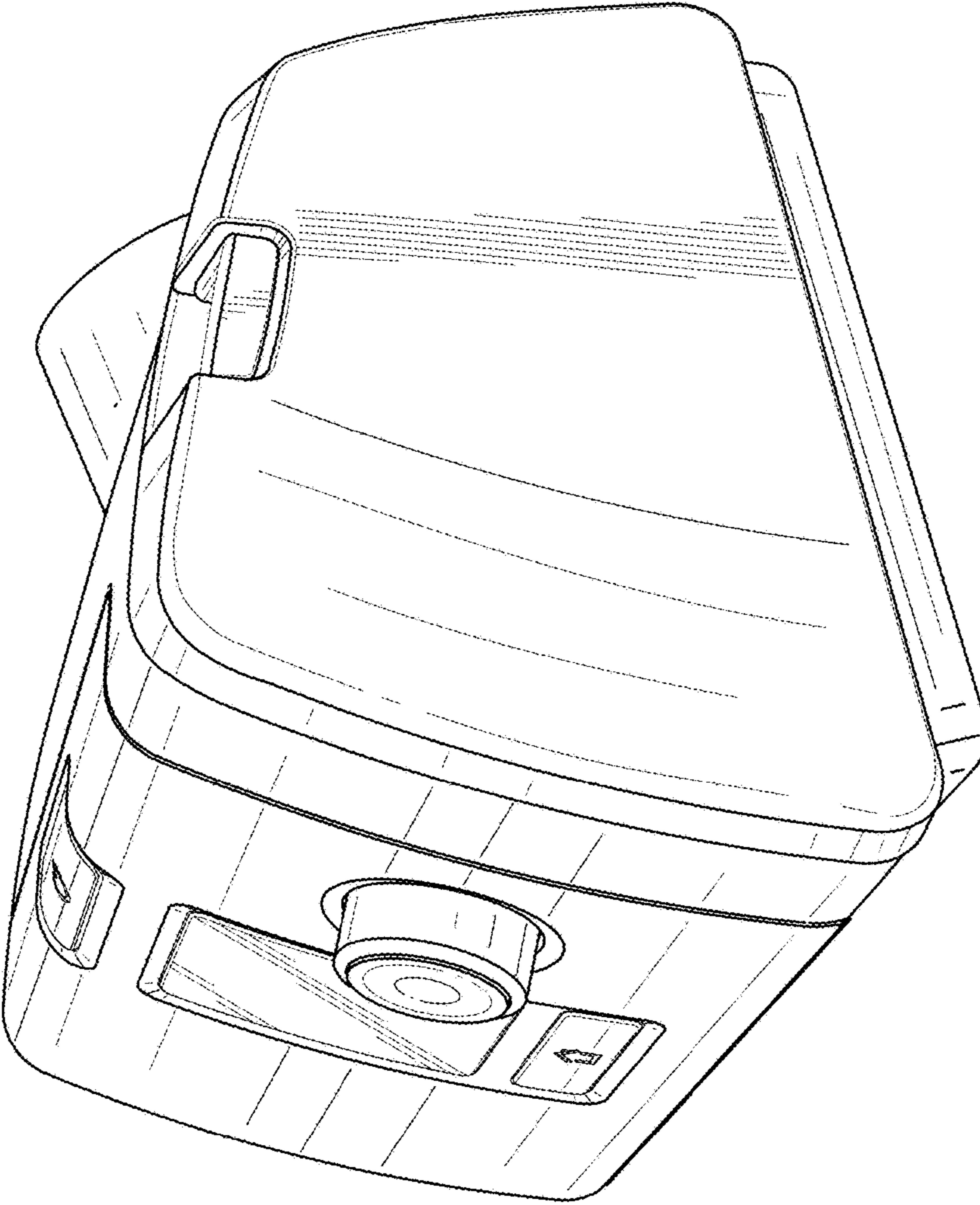


FIG. 1

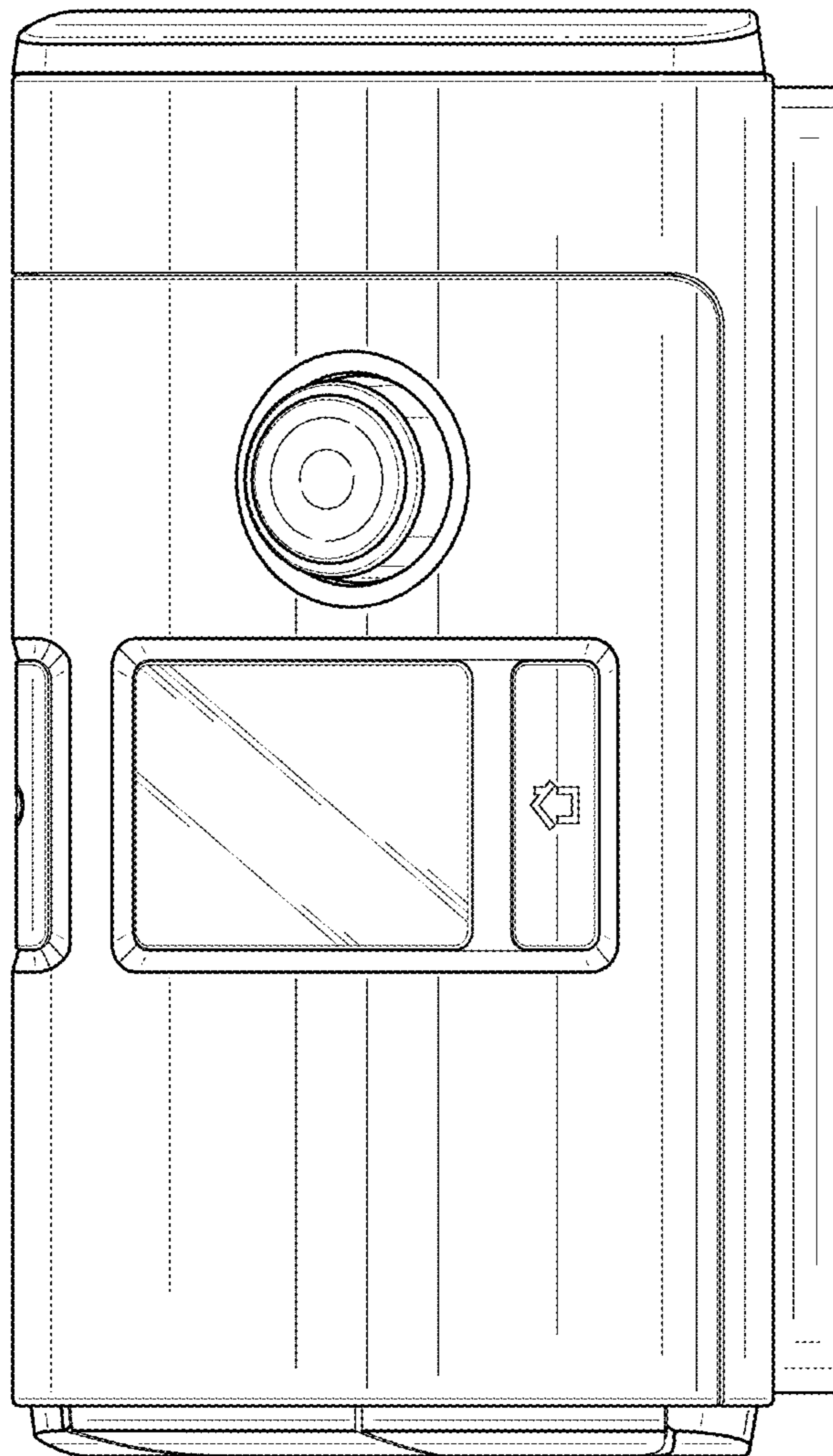


FIG. 2

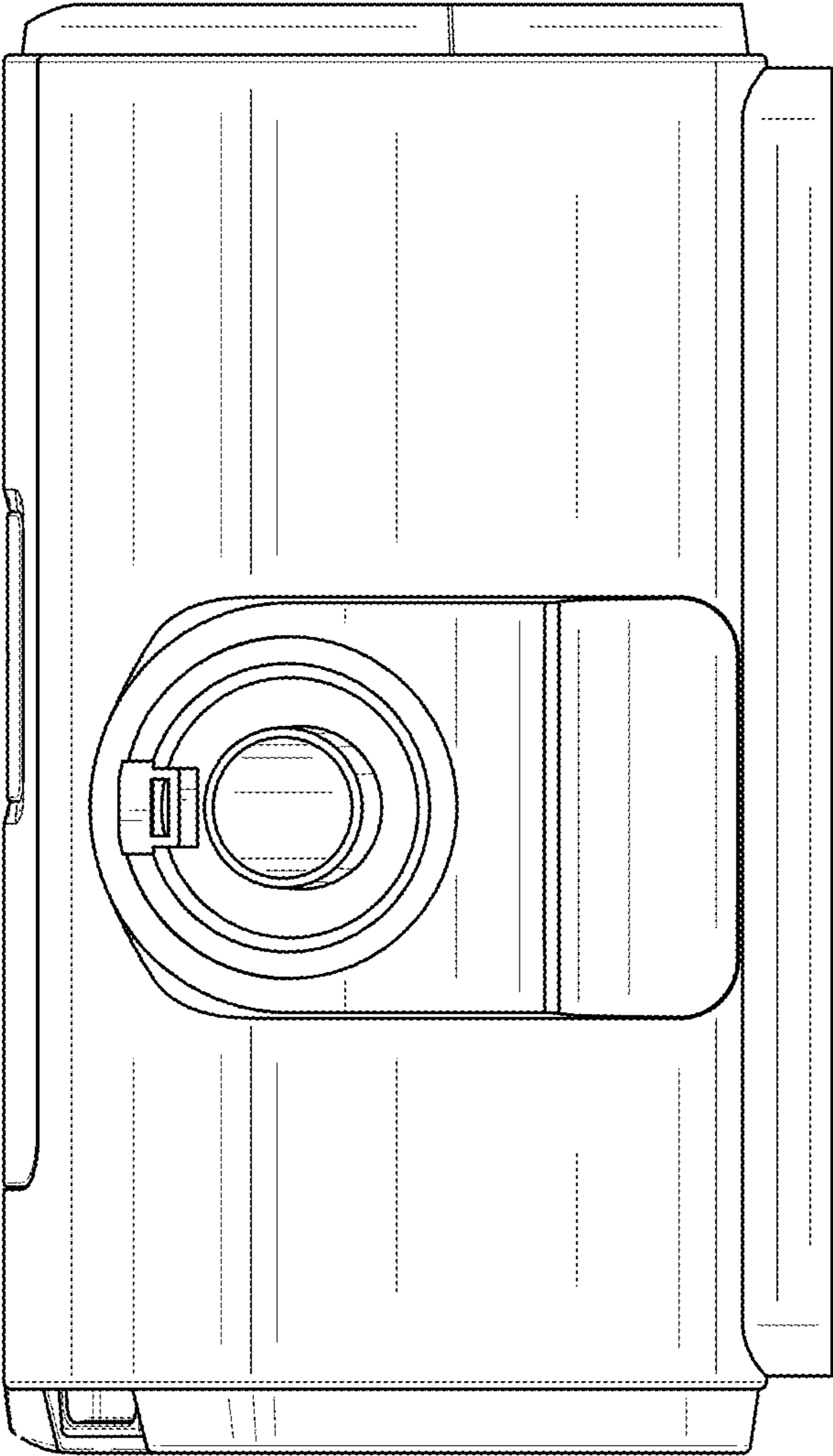


FIG. 3

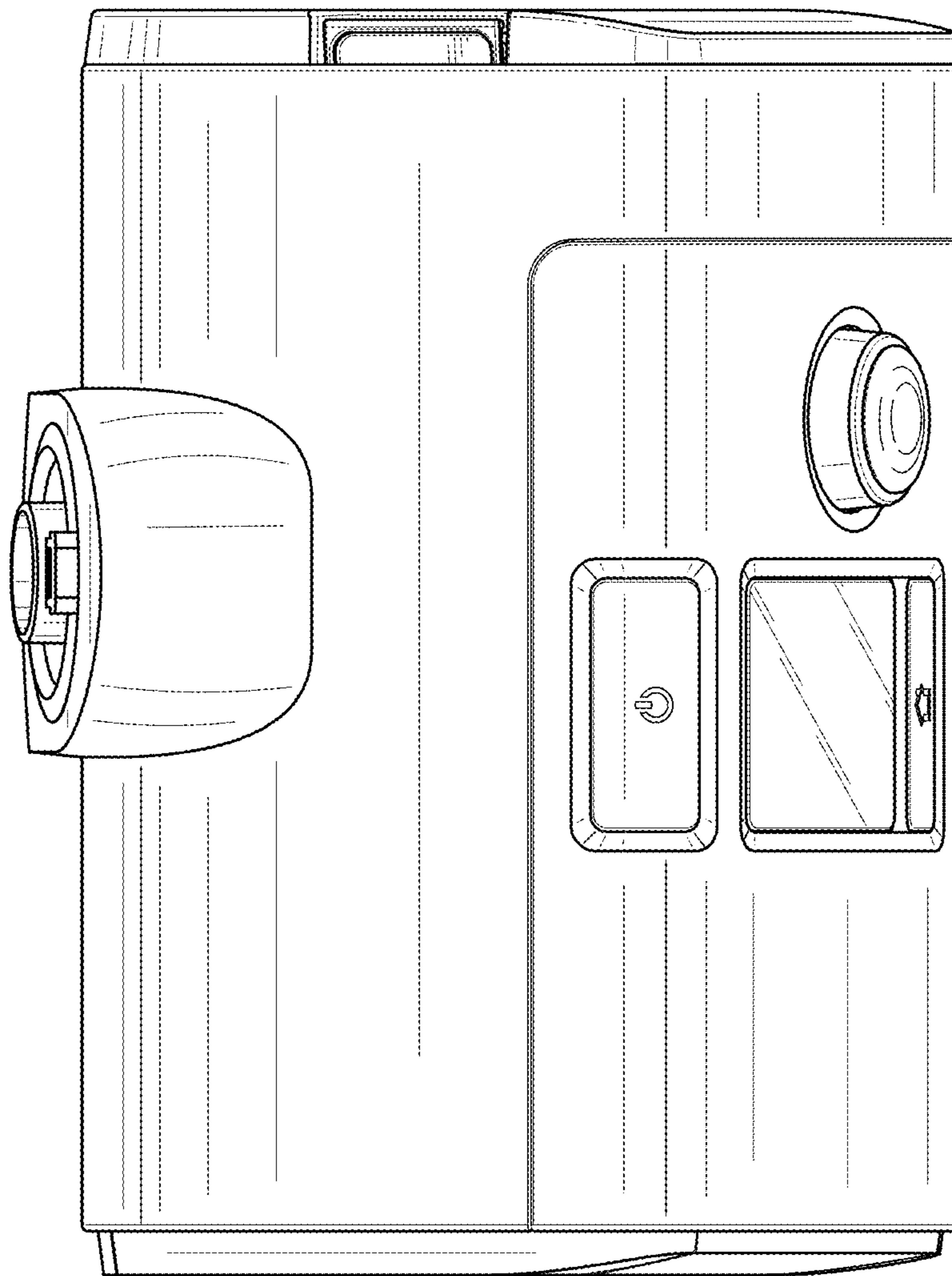


FIG. 4

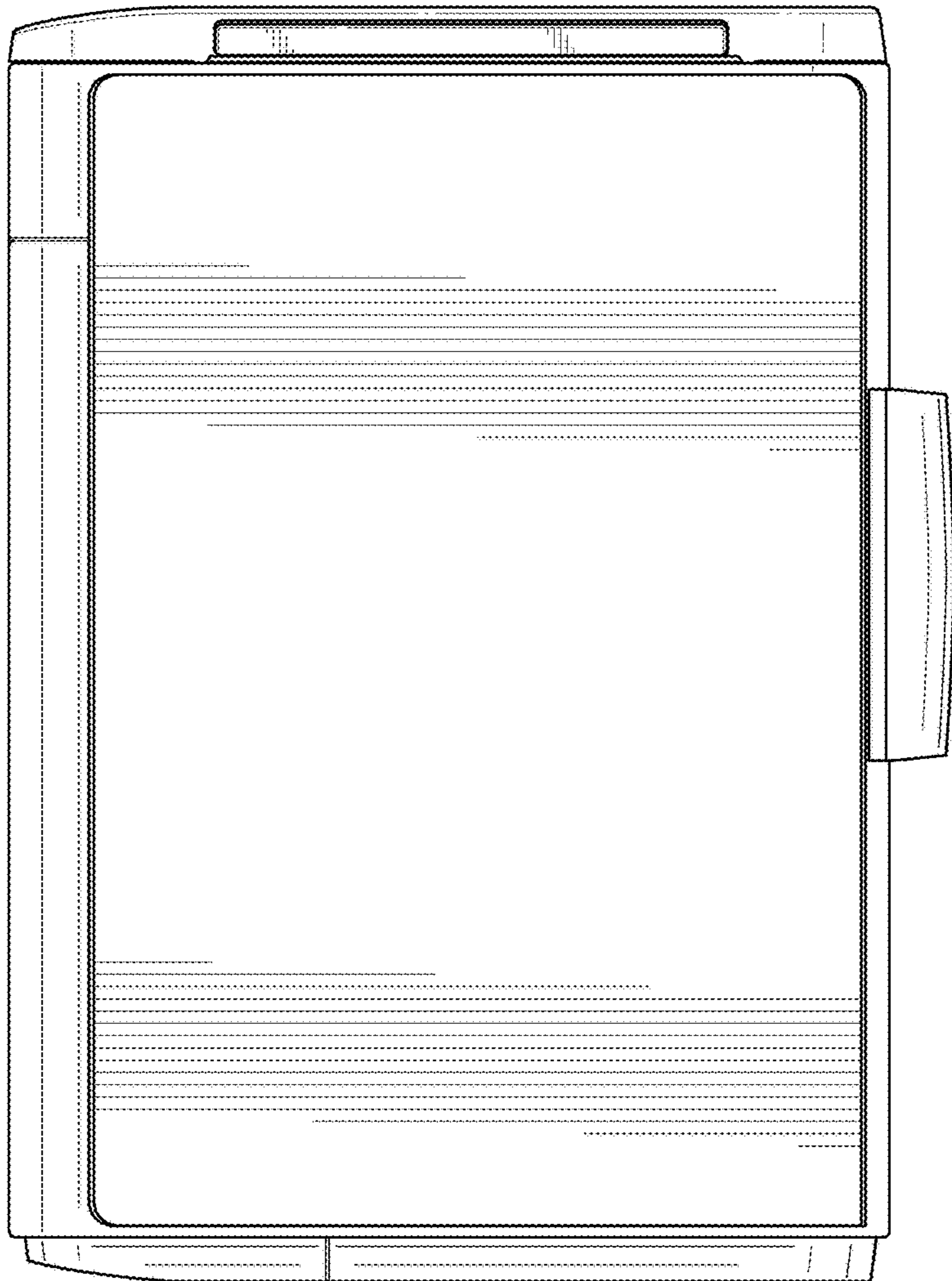


FIG. 5



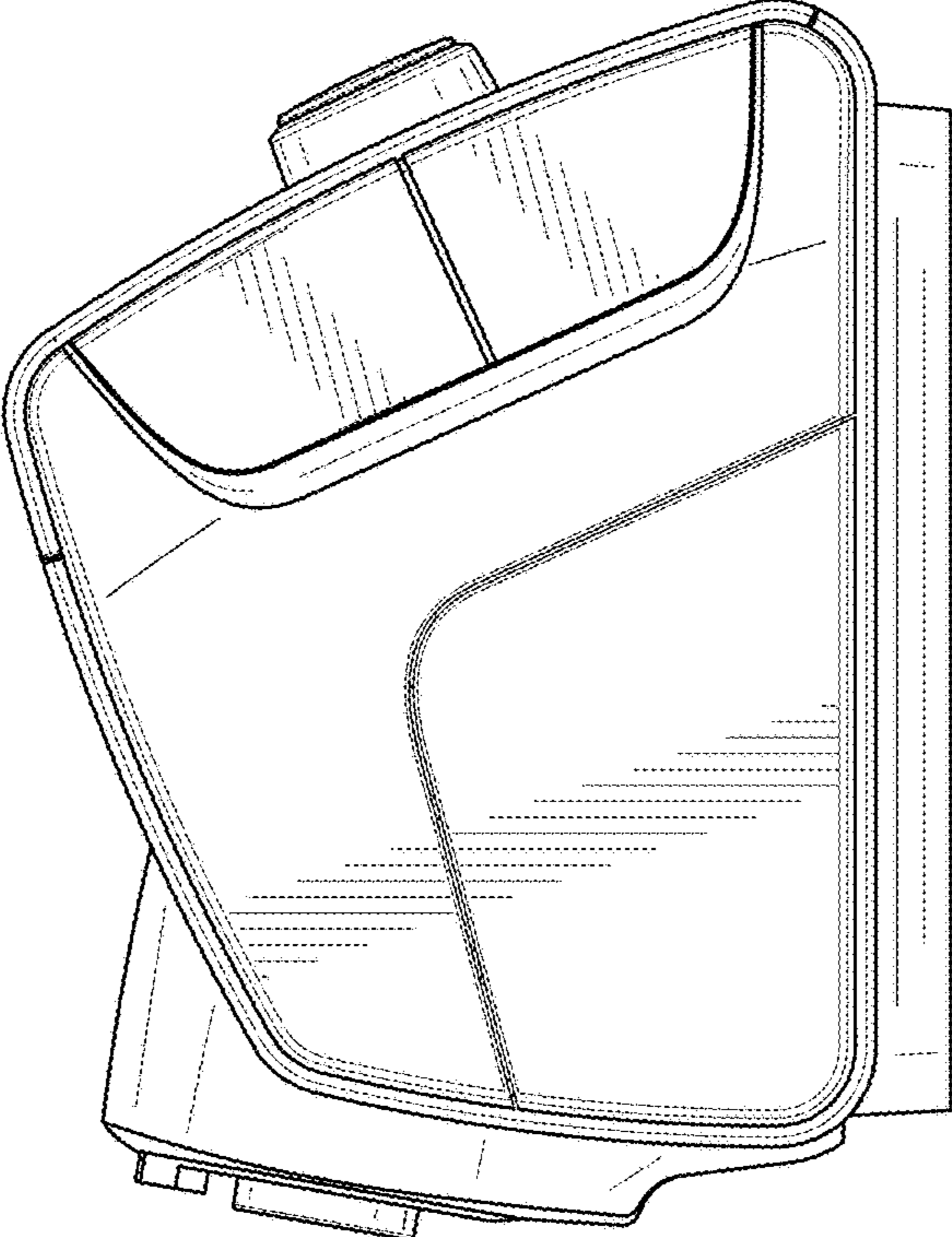


FIG. 7

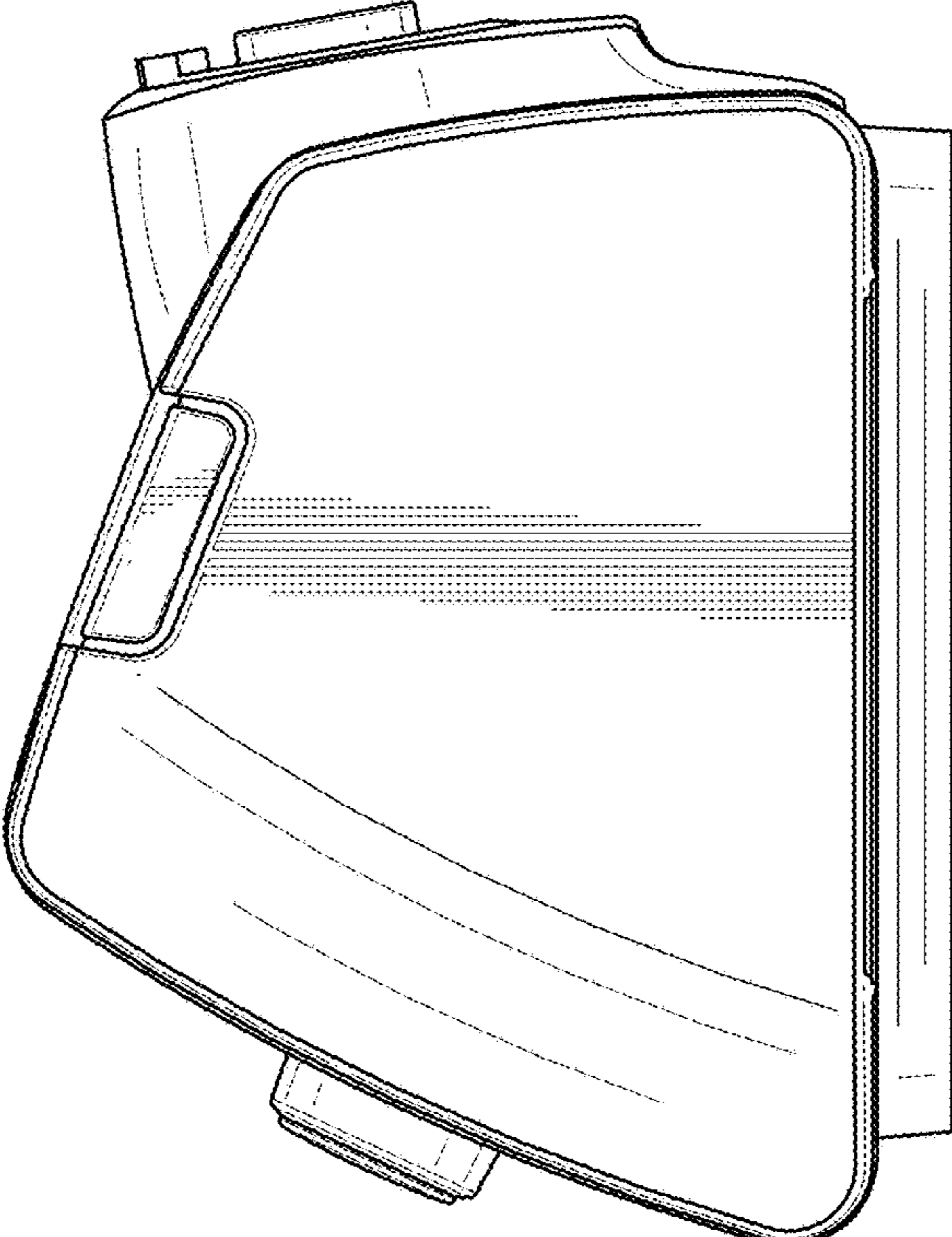


FIG. 6

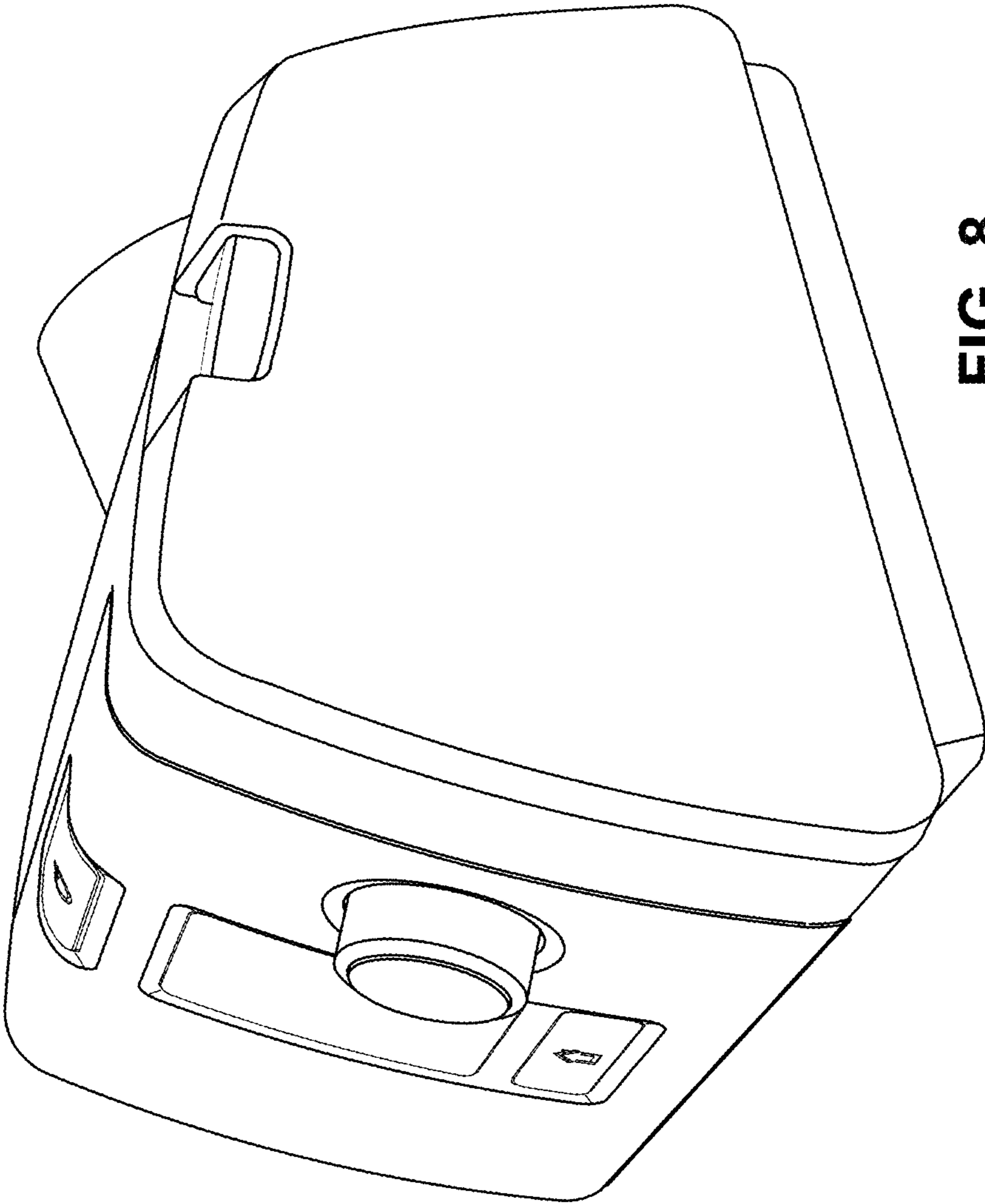


FIG. 8

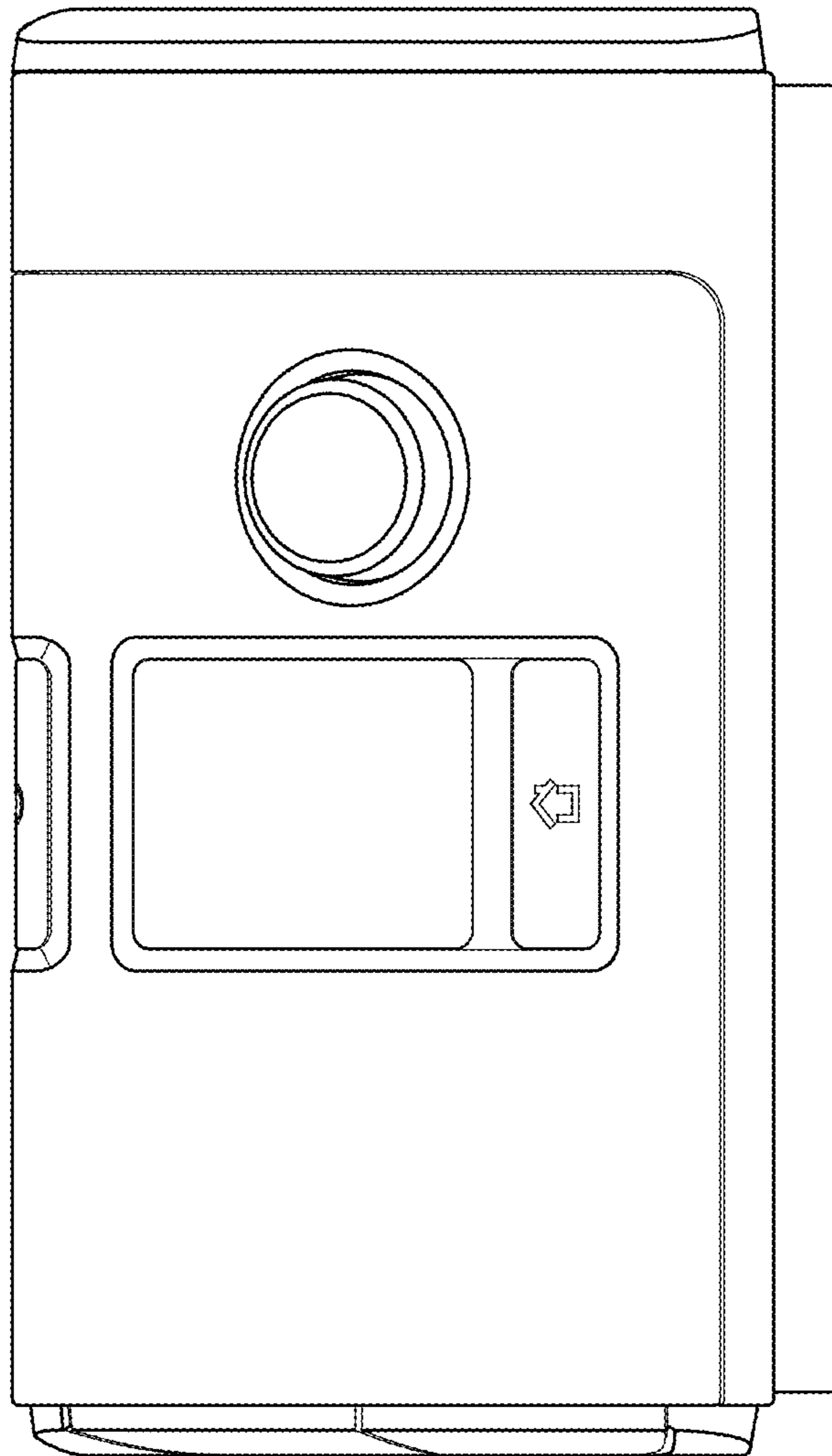


FIG. 9

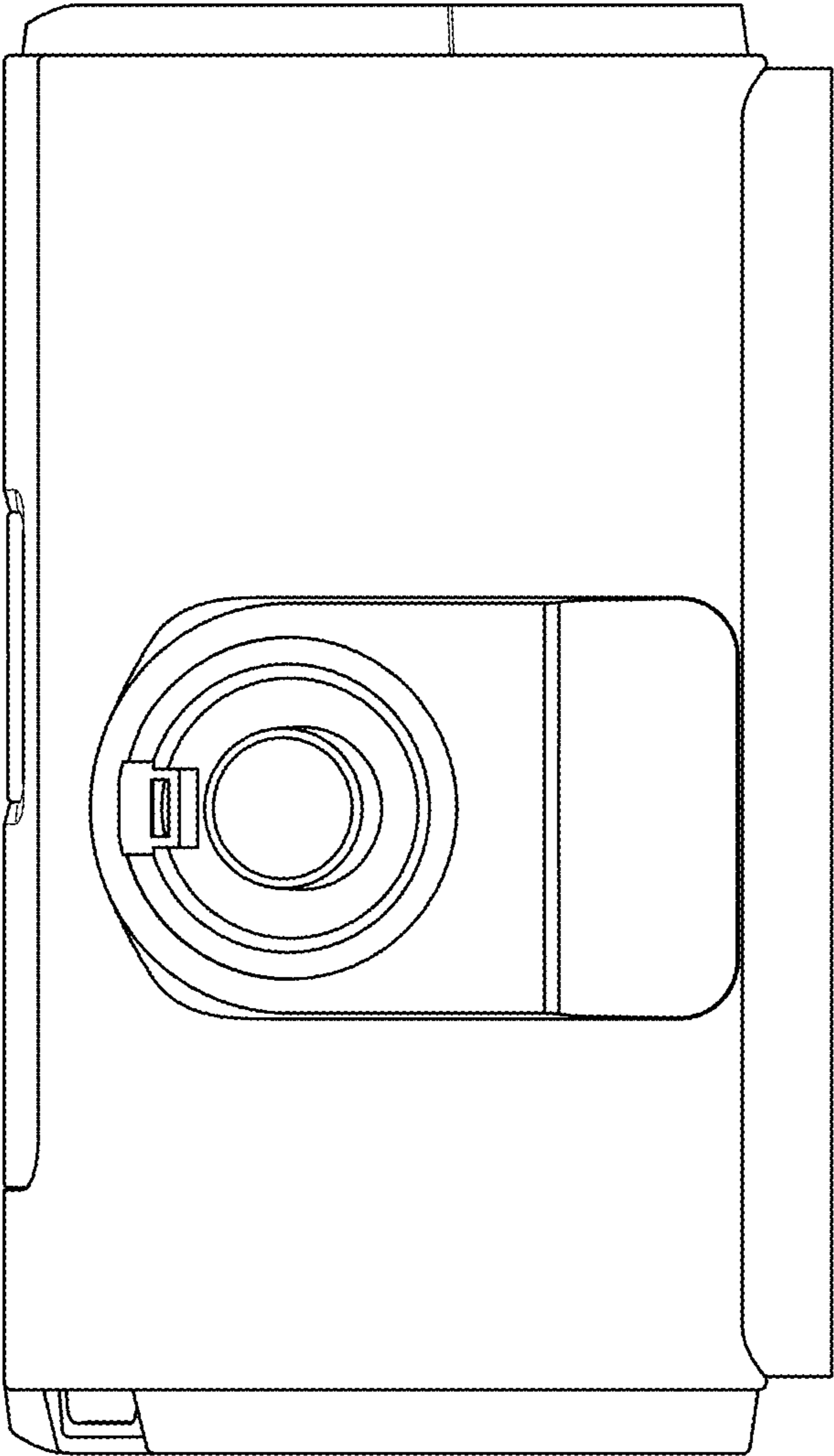


FIG. 10



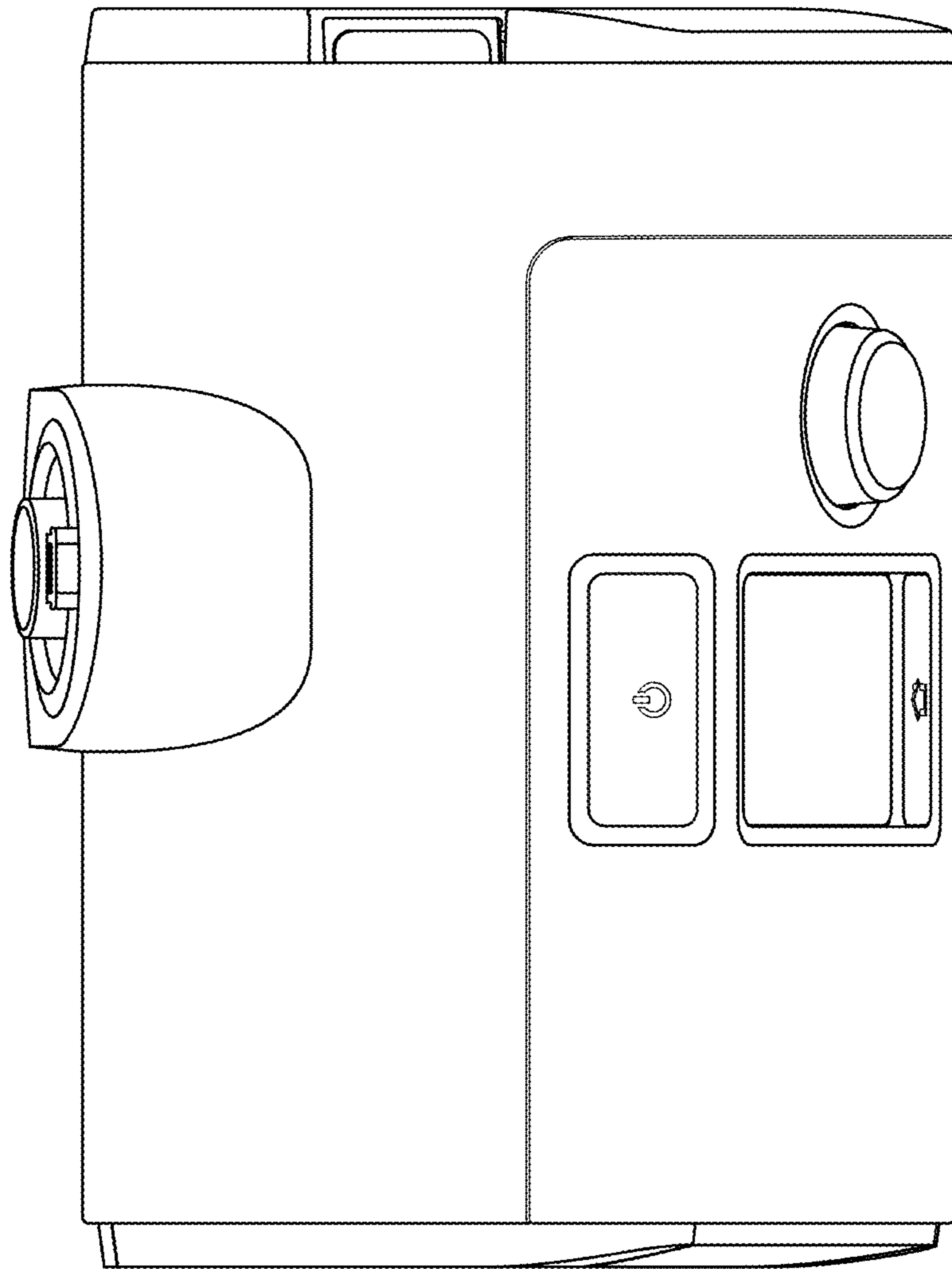


FIG. 11

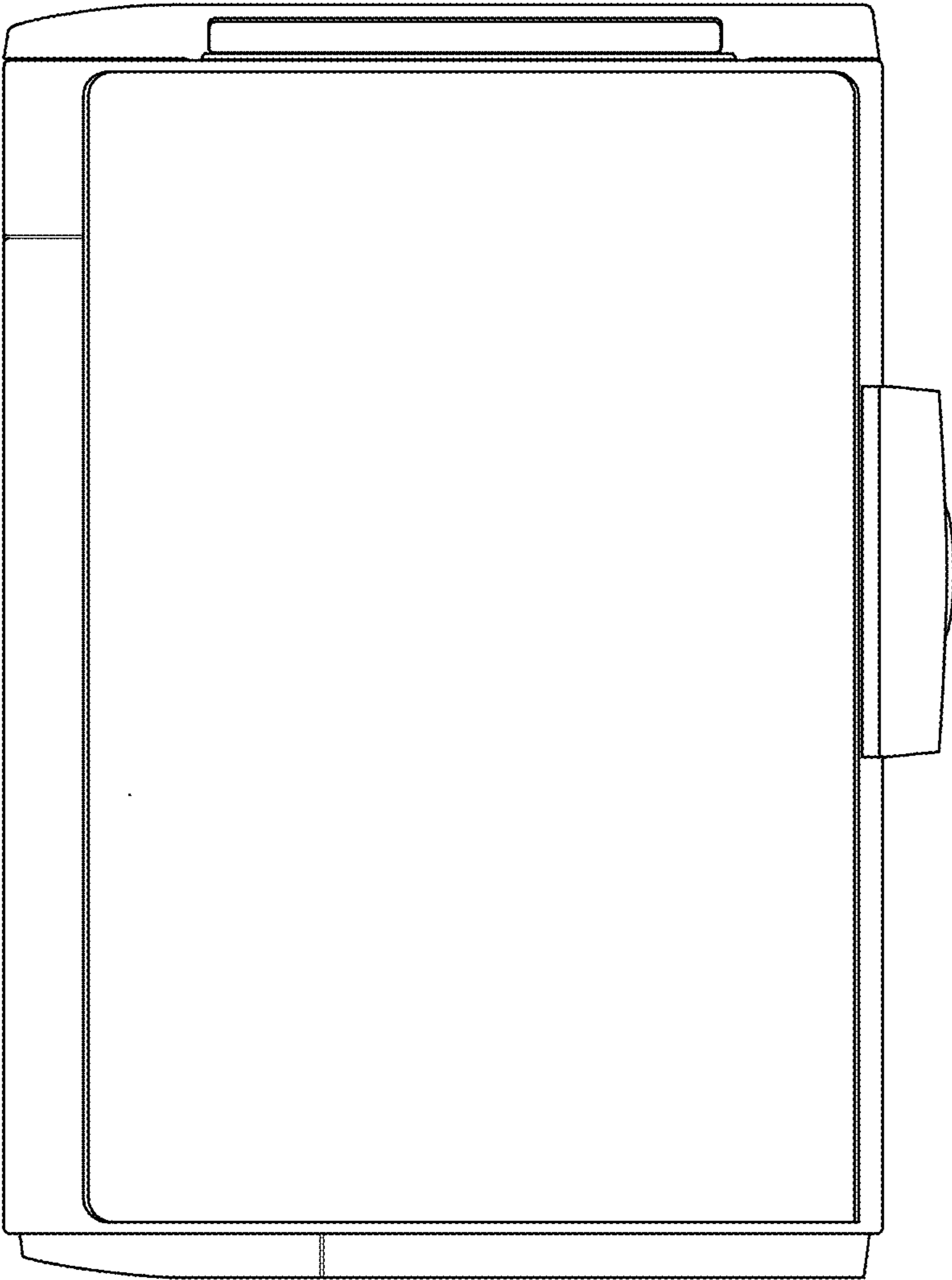


FIG. 12

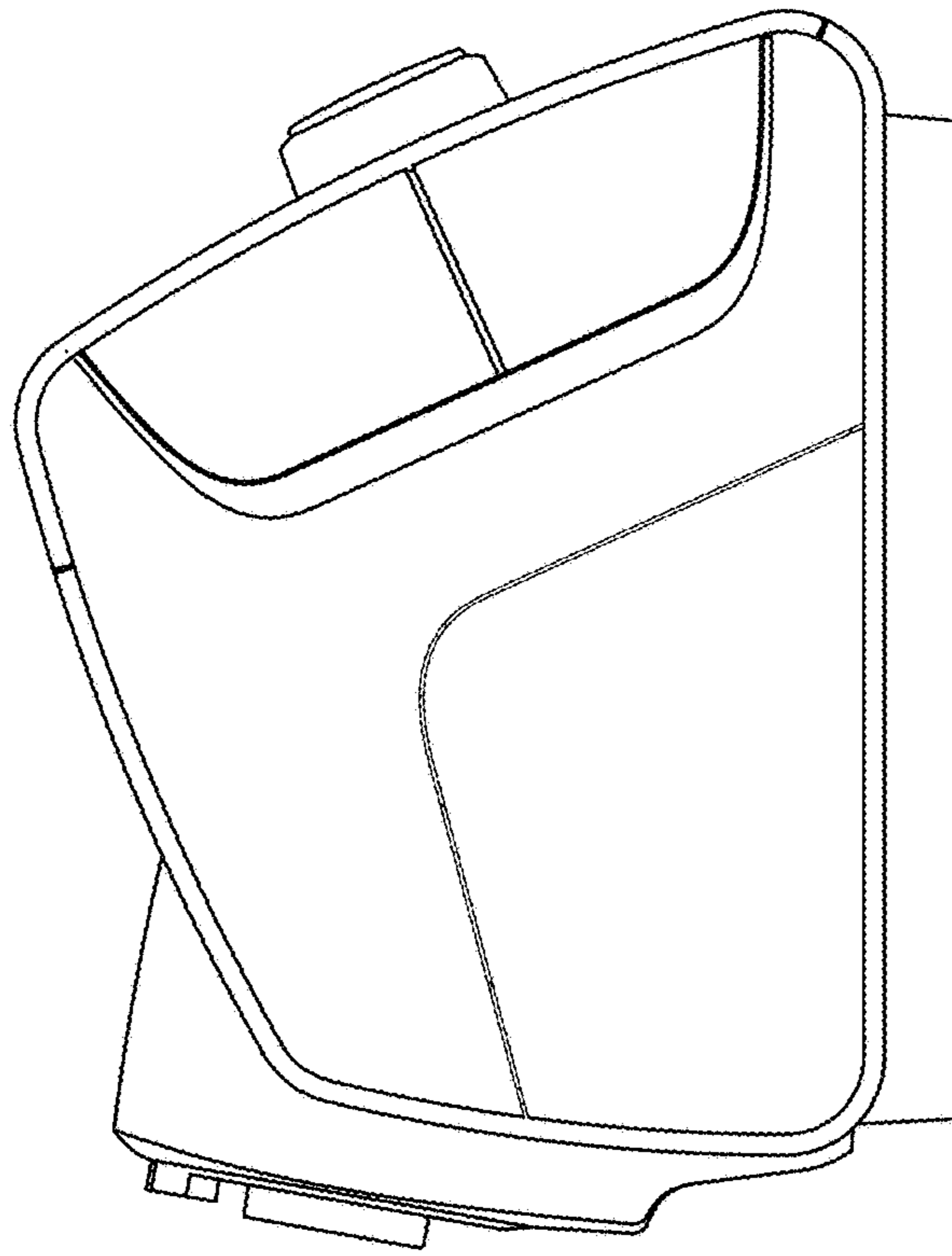


FIG. 14

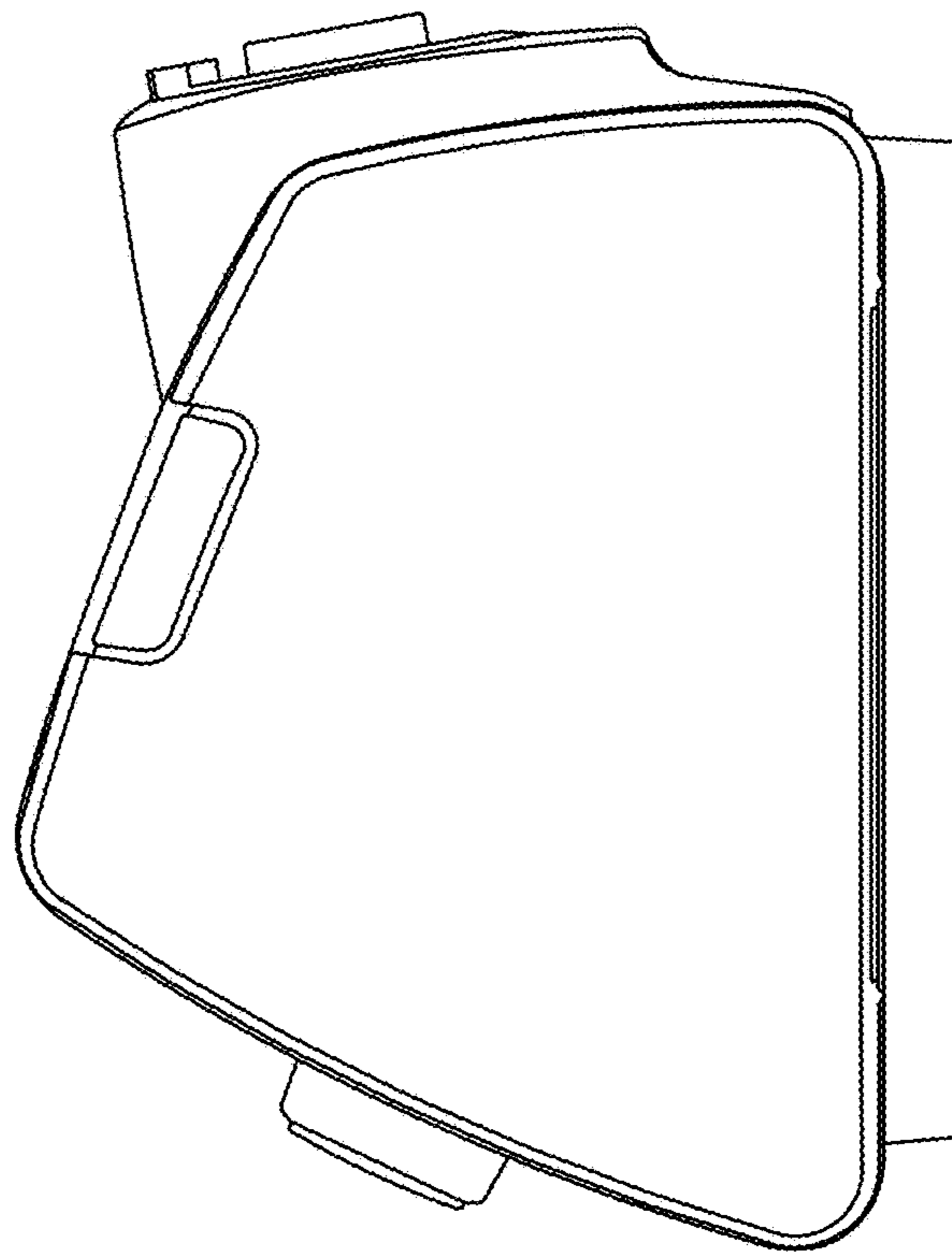


FIG. 13