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(12) **United States Design Patent** (10) **Patent No.:** **US D819,022 S**  
**Shim** (45) **Date of Patent:** **\*\* May 29, 2018**

(54) **SSD STORAGE DEVICE**

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(58) **Field of Classification Search**  
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CPC ... G11B 33/027; G11B 33/122; G11B 33/124; G11B 33/00; G11B 33/02; G11B 33/022; G11B 33/025; H05K 5/00; H05K 5/0213  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D141,980 S *	8/1945	Holland et al. ....	D3/274
D277,418 S *	1/1985	Hemrich, Jr. ....	D28/38
D301,771 S *	6/1989	Bakic ....	D28/76
D306,519 S *	3/1990	Nakata ....	D3/206
D309,728 S *	8/1990	Nuttall ....	D14/356
D339,806 S *	9/1993	Grinkus ....	D14/217

D345,304 S *	3/1994	Leader .....	D9/418
D411,767 S *	7/1999	Keller .....	D28/83
D427,193 S *	6/2000	Fedele .....	D14/348
D441,735 S *	5/2001	Katayama .....	D14/203.3

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN	302864928 S	7/2014
CN	303612336 S	3/2016

(Continued)

**OTHER PUBLICATIONS**

Data storage devices. (Design—© Questel). orbit.com.[online PDF] 31 pgs. Print Dates range Aug. 18, 2008 through Mar. 29, 2017. [Retrieved on Jan. 11, 2018] <https://sobjprd.questel.fr/export/QPTUJ214/pdf2/19fa5f3e-62d6-48f3-9f9a-13f665909cf4-175737.pdf>.\*

(Continued)

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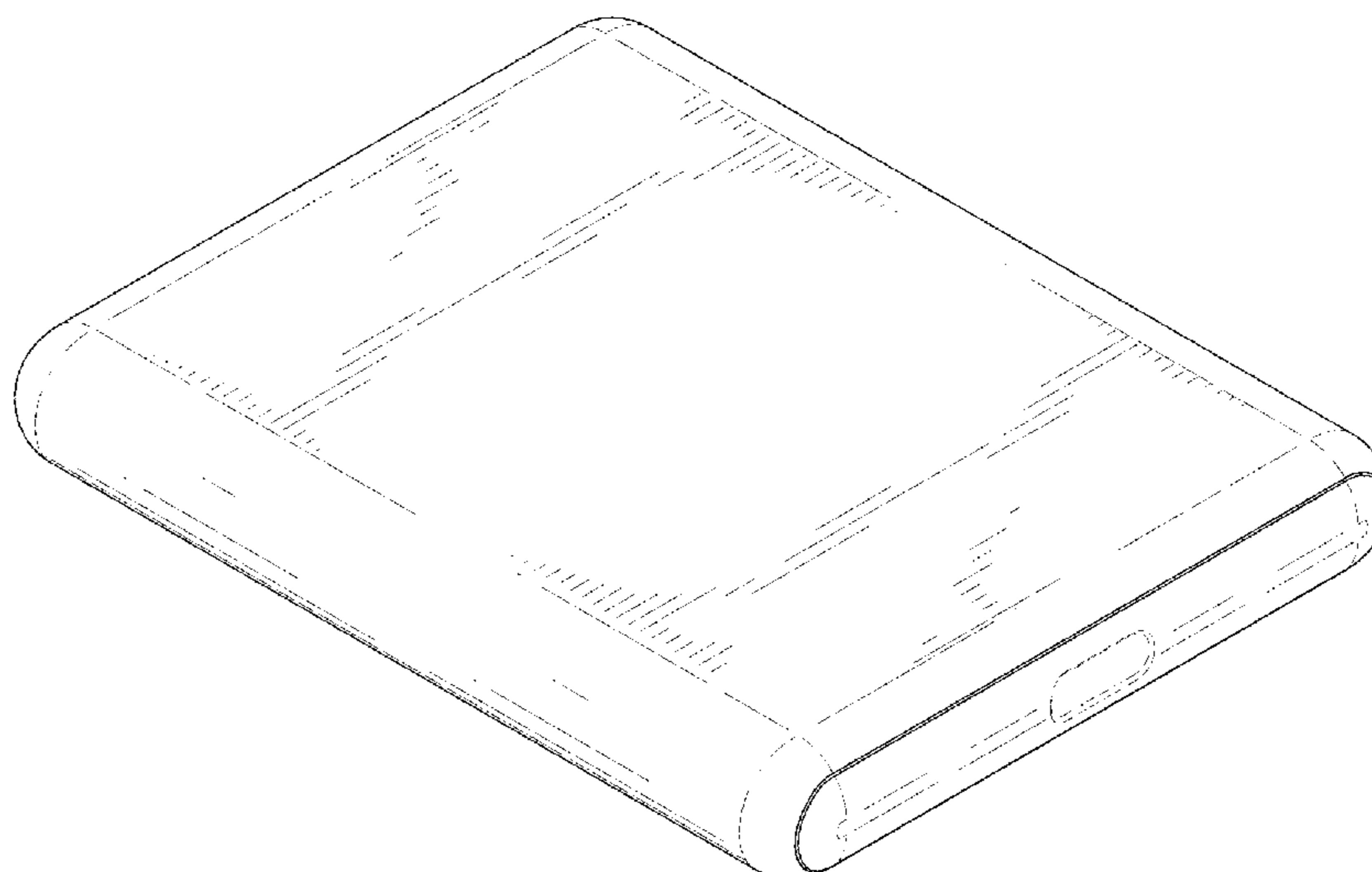
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of SSD storage device showing our new design.  
FIG. 2 is a front elevation view thereof.  
FIG. 3 is a rear elevation view thereof.  
FIG. 4 is a left side elevation view thereof.  
FIG. 5 is a right side elevation view thereof.  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines in the drawings depict a portion of the SSD storage device that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D446,143 S \* 8/2001 Kliegman ..... D14/240  
 D446,499 S \* 8/2001 Andre ..... D13/110  
 D454,110 S \* 3/2002 Andre ..... D13/110  
 D480,372 S \* 10/2003 Chen ..... D14/203.3  
 D484,497 S \* 12/2003 Alviar ..... D14/240  
 D490,796 S \* 6/2004 Allen ..... D14/260  
 D492,321 S \* 6/2004 Farrar ..... D14/435  
 D515,090 S \* 2/2006 Huang ..... D14/367  
 D520,502 S \* 5/2006 Xu ..... D14/356  
 D522,520 S \* 6/2006 Hsu ..... D14/480.6  
 D523,014 S \* 6/2006 Liu ..... D14/240  
 D530,323 S \* 10/2006 Hsu ..... D14/348  
 D531,178 S \* 10/2006 Lee ..... D14/367  
 D533,894 S \* 12/2006 Chan ..... D18/7  
 D534,184 S \* 12/2006 Leija ..... D14/496  
 D536,333 S \* 2/2007 McRae ..... D14/240  
 D542,784 S \* 5/2007 Franck ..... D14/240  
 D568,310 S \* 5/2008 Franck ..... D14/240  
 D576,100 S \* 9/2008 Wang ..... D13/110  
 D577,020 S \* 9/2008 Park ..... D14/363  
 D577,021 S \* 9/2008 Kuang ..... D14/363  
 D578,119 S \* 10/2008 Camarena ..... D14/368  
 D579,931 S \* 11/2008 Chang ..... D14/242  
 D584,744 S \* 1/2009 Lee ..... D14/496  
 D586,740 S \* 2/2009 Song ..... D13/103  
 D586,741 S \* 2/2009 Song ..... D13/103  
 D590,334 S \* 4/2009 Tatehata ..... D13/103  
 D590,336 S \* 4/2009 Tatehata ..... D13/103  
 D590,389 S \* 4/2009 Musgrave ..... D14/349  
 D590,769 S \* 4/2009 Tatehata ..... D13/103  
 D592,619 S \* 5/2009 Woo ..... D14/125  
 D593,940 S \* 6/2009 Nomi ..... D13/103  
 D596,634 S \* 7/2009 Wong ..... D14/358  
 D618,237 S \* 6/2010 Wang ..... D14/356  
 D620,467 S \* 7/2010 Aarras ..... D14/138 G  
 D626,126 S \* 10/2010 Park ..... D14/365  
 D629,399 S \* 12/2010 Camarena ..... D14/356  
 D631,458 S \* 1/2011 Liao ..... D14/138 G  
 D635,954 S \* 4/2011 Aarras ..... D14/138 G  
 D636,752 S \* 4/2011 Liao ..... D14/138 G  
 D638,385 S \* 5/2011 Wong ..... D14/125  
 D638,811 S \* 5/2011 McMiller ..... D14/125  
 D642,999 S \* 8/2011 Wan ..... D14/125  
 D646,222 S \* 10/2011 Tatehata ..... D13/103  
 D648,690 S \* 11/2011 Snodgrass ..... D14/125  
 8,064,194 B2 \* 11/2011 Szeremeta ..... G02B 27/0994  
 361/679.33  
 D656,496 S \* 3/2012 Andre ..... D14/341  
 D662,486 S \* 6/2012 Faoro ..... D14/138 G  
 D673,564 S \* 1/2013 Milliff ..... D14/358  
 D675,176 S \* 1/2013 Aarras ..... D14/138 G  
 D675,434 S \* 2/2013 Vernall ..... D3/294  
 D677,623 S \* 3/2013 Fitch ..... D13/108  
 D678,191 S \* 3/2013 Fitch ..... D13/108  
 8,446,711 B2 \* 5/2013 Liao ..... H04M 1/0283  
 361/679.01  
 D689,455 S \* 9/2013 Daniel ..... D10/65  
 D705,782 S \* 5/2014 McParland ..... D14/435  
 D706,779 S \* 6/2014 Kawasaki ..... D14/356  
 D713,421 S \* 9/2014 Kaneta ..... D14/496  
 D715,760 S \* 10/2014 Kim ..... D14/188  
 D716,304 S \* 10/2014 Orthey ..... D14/385  
 D717,243 S \* 11/2014 Liu ..... D13/103  
 D717,758 S \* 11/2014 Kim ..... D14/138 G

D720,708 S \* 1/2015 Park ..... D14/125  
 D720,755 S \* 1/2015 Nokuo ..... D14/433  
 D724,080 S \* 3/2015 Lin ..... D14/356  
 D724,577 S \* 3/2015 Yamazaki ..... D14/341  
 D725,591 S \* 3/2015 Chien ..... D13/103  
 D729,239 S \* 5/2015 Fukuoka ..... D14/348  
 D731,995 S \* 6/2015 Kamp ..... D14/125  
 D732,023 S \* 6/2015 Asao ..... D14/358  
 D733,674 S \* 7/2015 Kim ..... D14/138 G  
 D743,398 S \* 11/2015 Smith ..... D14/433  
 D743,962 S \* 11/2015 Ikeda ..... D14/348  
 D754,131 S \* 4/2016 Shim ..... D14/435  
 D758,366 S \* 6/2016 Peng ..... D14/363  
 D763,188 S \* 8/2016 Park ..... D13/108  
 D763,251 S \* 8/2016 Yamazaki ..... D14/341  
 D774,514 S \* 12/2016 Turksu ..... D14/480.5  
 D777,724 S \* 1/2017 Sterzick ..... D14/348  
 D782,410 S \* 3/2017 Li ..... D13/103  
 D782,868 S \* 4/2017 Lien ..... D14/125  
 D785,585 S \* 5/2017 Ismail ..... D14/137  
 D789,901 S \* 6/2017 Daniel ..... D14/138 G  
 D792,409 S \* 7/2017 Shim ..... D14/435  
 D802,553 S \* 11/2017 Berneth ..... D14/138 G  
 D806,089 S \* 12/2017 Shim ..... D14/480.5  
 2004/0141253 A1 \* 7/2004 Funawatari ..... G06F 1/1632  
 360/99.14  
 2004/0190192 A1 \* 9/2004 Huang ..... G11B 25/043  
 360/99.13  
 2005/0041387 A1 \* 2/2005 Lee ..... G06F 1/16  
 361/679.33  
 2006/0146441 A1 \* 7/2006 Chih ..... G11B 33/123  
 360/99.13  
 2007/0130575 A1 \* 6/2007 Chen ..... G11B 33/022  
 720/600  
 2008/0158808 A1 \* 7/2008 Camarena ..... G06F 1/187  
 361/679.34  
 2009/0009953 A1 \* 1/2009 Lin ..... G06F 1/1632  
 361/679.33  
 2009/0117412 A1 \* 5/2009 Koh ..... H01M 2/0473  
 429/7  
 2009/0297891 A1 \* 12/2009 Byun ..... H01M 2/22  
 429/7  
 2011/0254509 A1 \* 10/2011 Boczer ..... H01M 4/0404  
 320/127  
 2012/0050977 A1 \* 3/2012 Lai ..... G06F 1/187  
 361/679.33  
 2012/0206088 A1 \* 8/2012 Park ..... H02J 7/00  
 320/106

FOREIGN PATENT DOCUMENTS

EM 001007173-0001 10/2008  
 KR 30-0524594 S 4/2009  
 KR 30-0678909 S 1/2013

OTHER PUBLICATIONS

Western Digital My Passport Essential 320 GB External 5400 RPM Hard Drive. ebay.com.[online] 4 pgs. Available as early as Nov. 24, 2010. See review by 76657 [Retrieved on Jan. 11, 2018] [https://www.ebay.com/p/Western-Digital-My-Passport-Essential-320-GB-External-5400-RPM-WDBAAA3200ABK-Hard-Drive/82871797.\\*](https://www.ebay.com/p/Western-Digital-My-Passport-Essential-320-GB-External-5400-RPM-WDBAAA3200ABK-Hard-Drive/82871797.*)

\* cited by examiner



FIG. 1

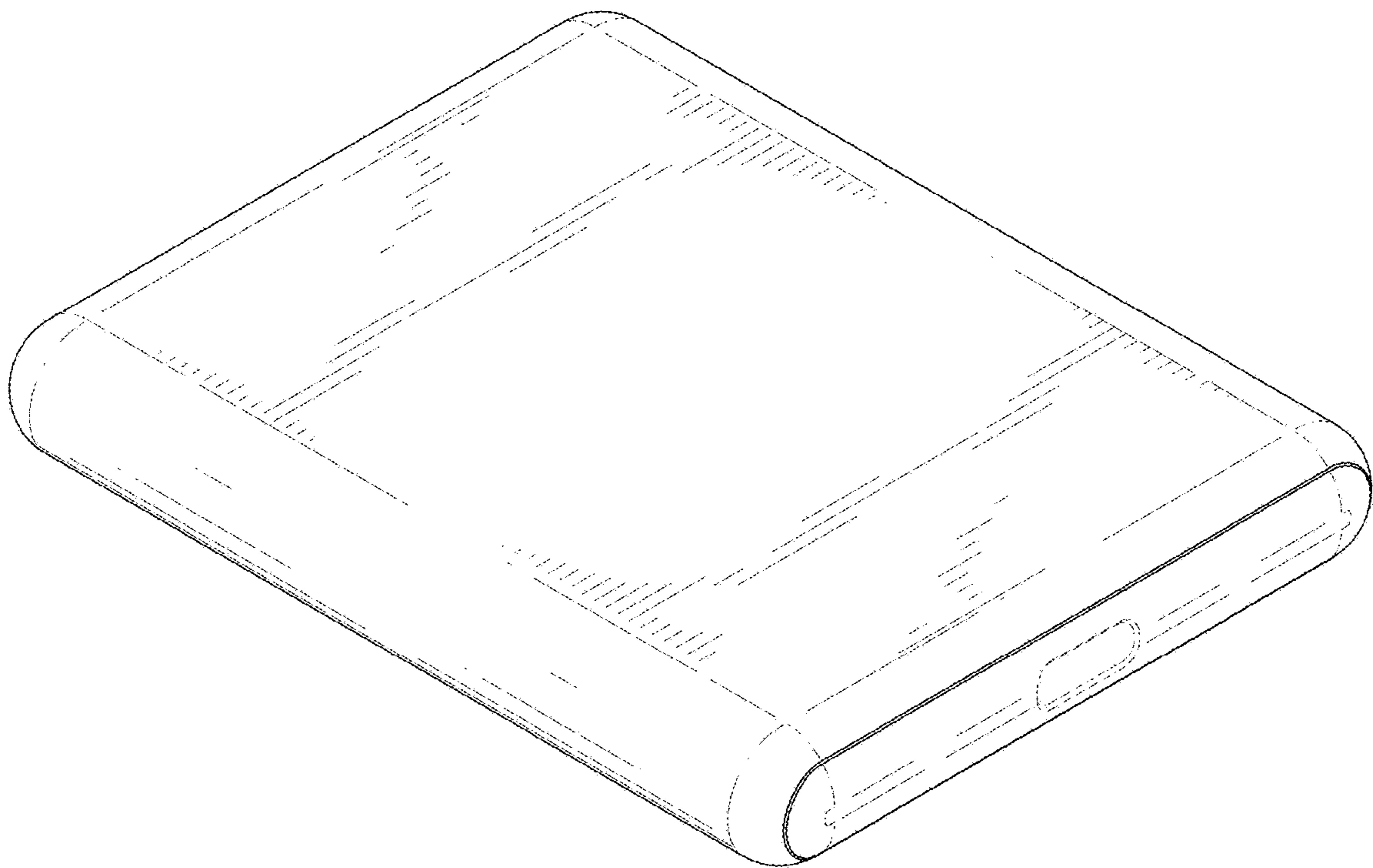


FIG. 2

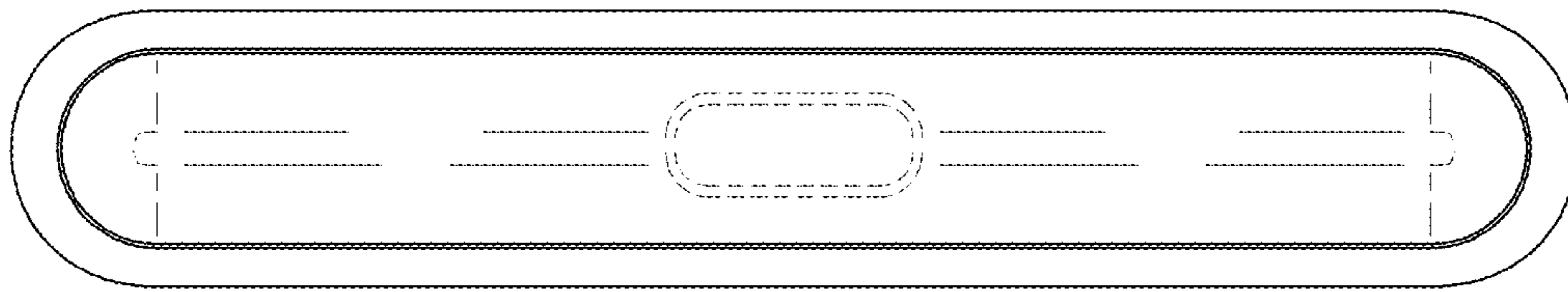


FIG. 3

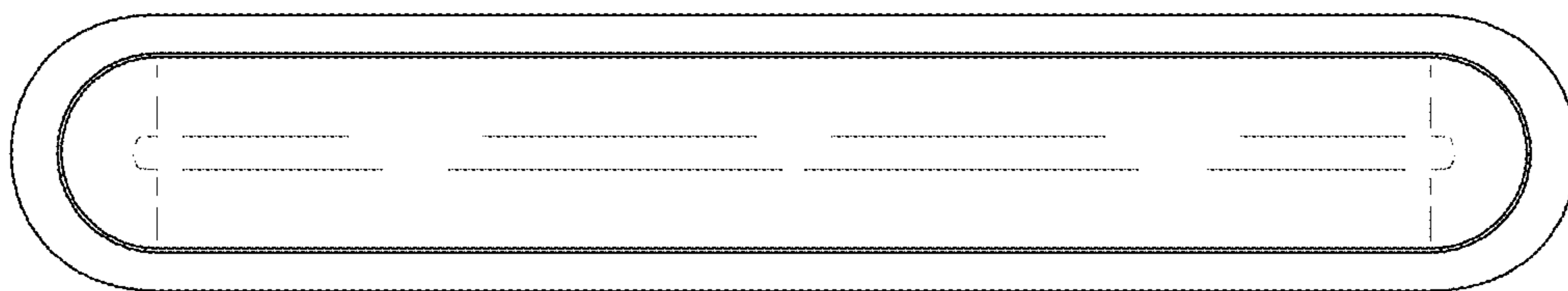


FIG. 4

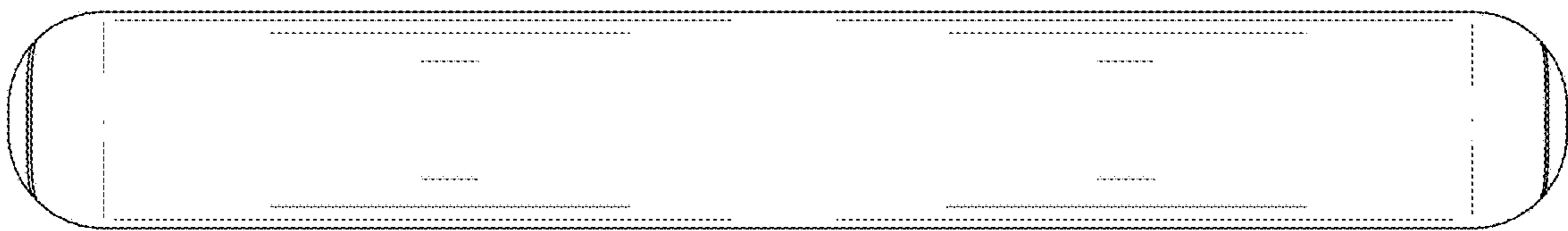


FIG. 5

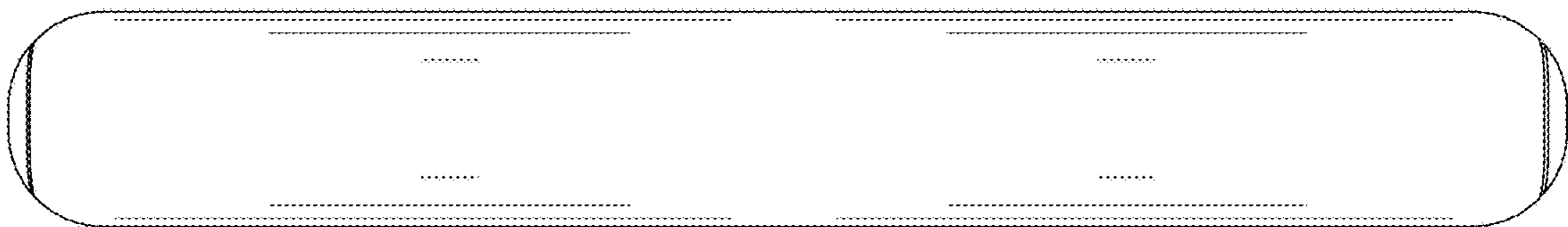


FIG. 6

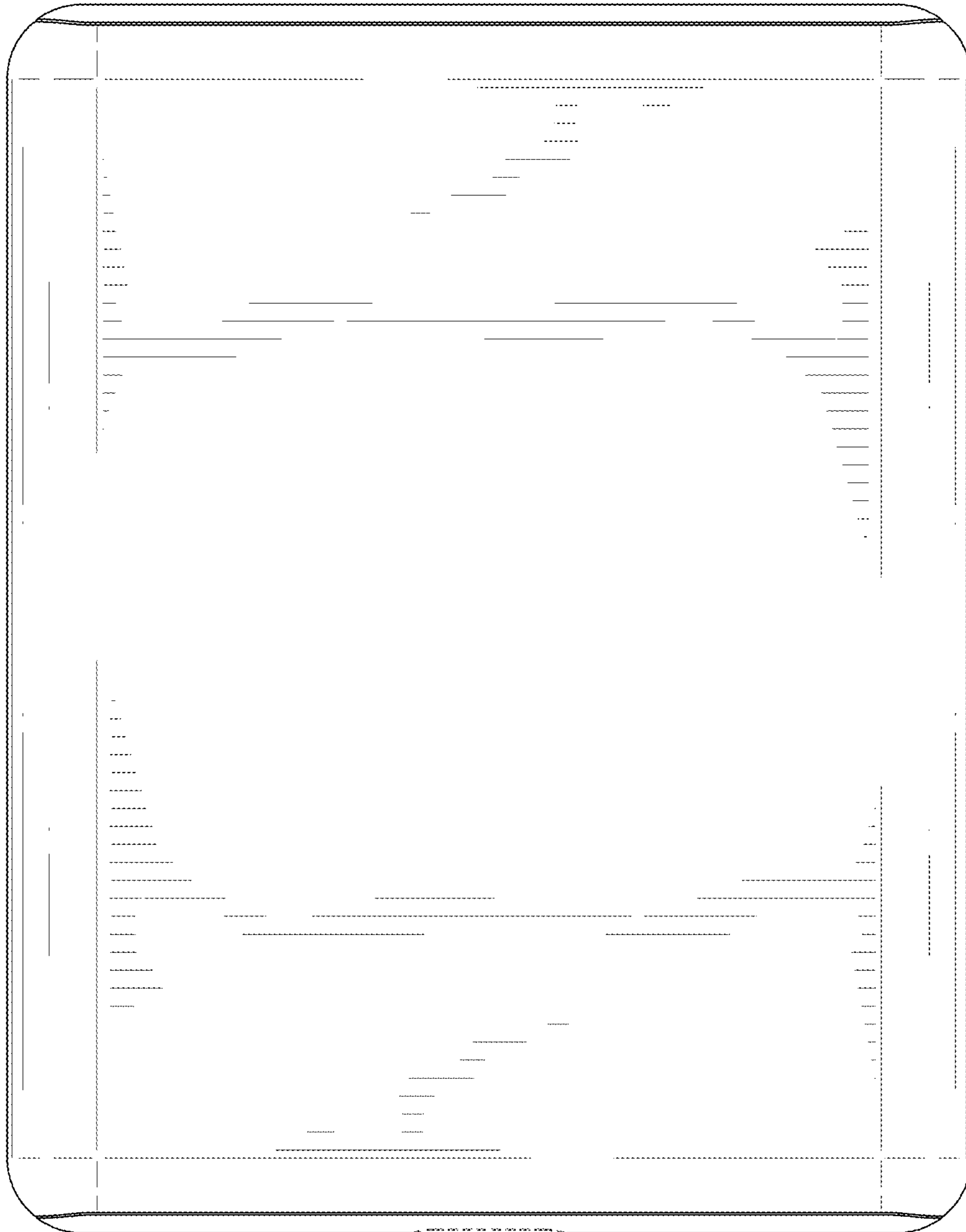


FIG. 7

