



US00D848416S

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

(10) **Patent No.:** **US D848,416 S**

(45) **Date of Patent:** **\*\* May 14, 2019**

(54) **PORTABLE INFORMATION TERMINAL**

(71) Applicant: **Semiconductor Energy Laboratory Co., Ltd.**, Astugi-shi, Kanagawa-ken (JP)

(72) Inventors: **Shunpei Yamazaki**, Setagaya (JP);  
**Takahiro Ishisone**, Atsugi (JP)

(73) Assignee: **Semiconductor Energy Laboratory Co., Ltd.**, Kanagawa-ken (JP)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/598,104**

(22) Filed: **Mar. 23, 2017**

(30) **Foreign Application Priority Data**

Sep. 30, 2016 (JP) ..... 2016-021294

(51) **LOC (11) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/345**

(58) **Field of Classification Search**  
USPC ..... D14/125–129, 137, 138 AA, 138 AB,  
D14/138 G, 138 C, 138 R, 154, 159–165,  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,787,917 B2 \* 8/2010 Aoki ..... G06F 1/1616  
455/566  
8,471,822 B2 \* 6/2013 Lightenberg ..... G06F 1/1616  
345/173

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP 1259801 1/2006  
JP 1511775 11/2014

(Continued)

**OTHER PUBLICATIONS**

Samsung's foldable phone could transform into a 7-inch tablet, announced Jan. 11, 2017 [online], [retrieved Jul. 16, 2018]. Available from Internet, URL: <https://mashable.com/2017/01/11/samsung-foldable-phone-transforms-into-tablet/#A.00WaP3B5qi> (Year: 2017).\*

(Continued)

*Primary Examiner* — Barbara Fox

*Assistant Examiner* — Dana K Weiland

(74) *Attorney, Agent, or Firm* — Robinson Intellectual Property Law Office; Eric J. Robinson

(57) **CLAIM**

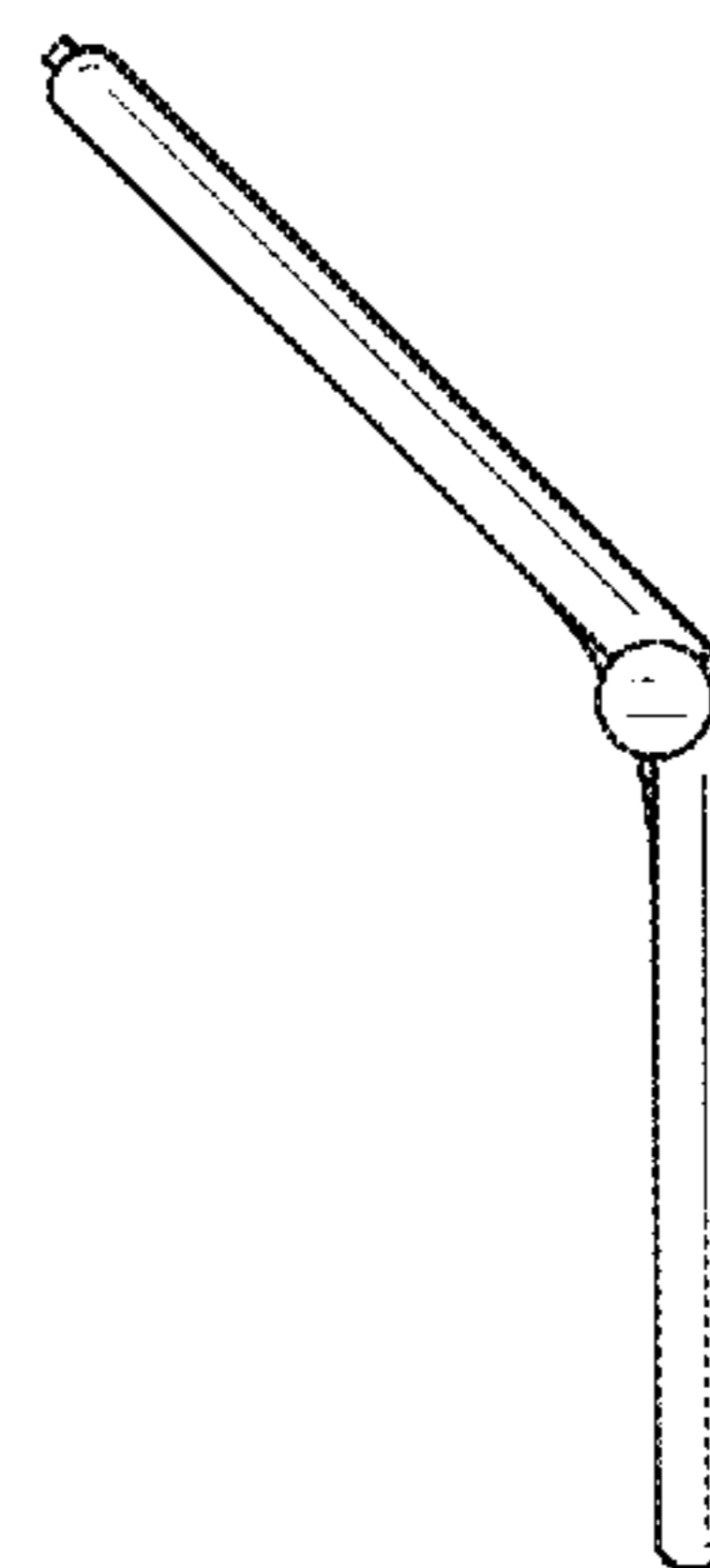
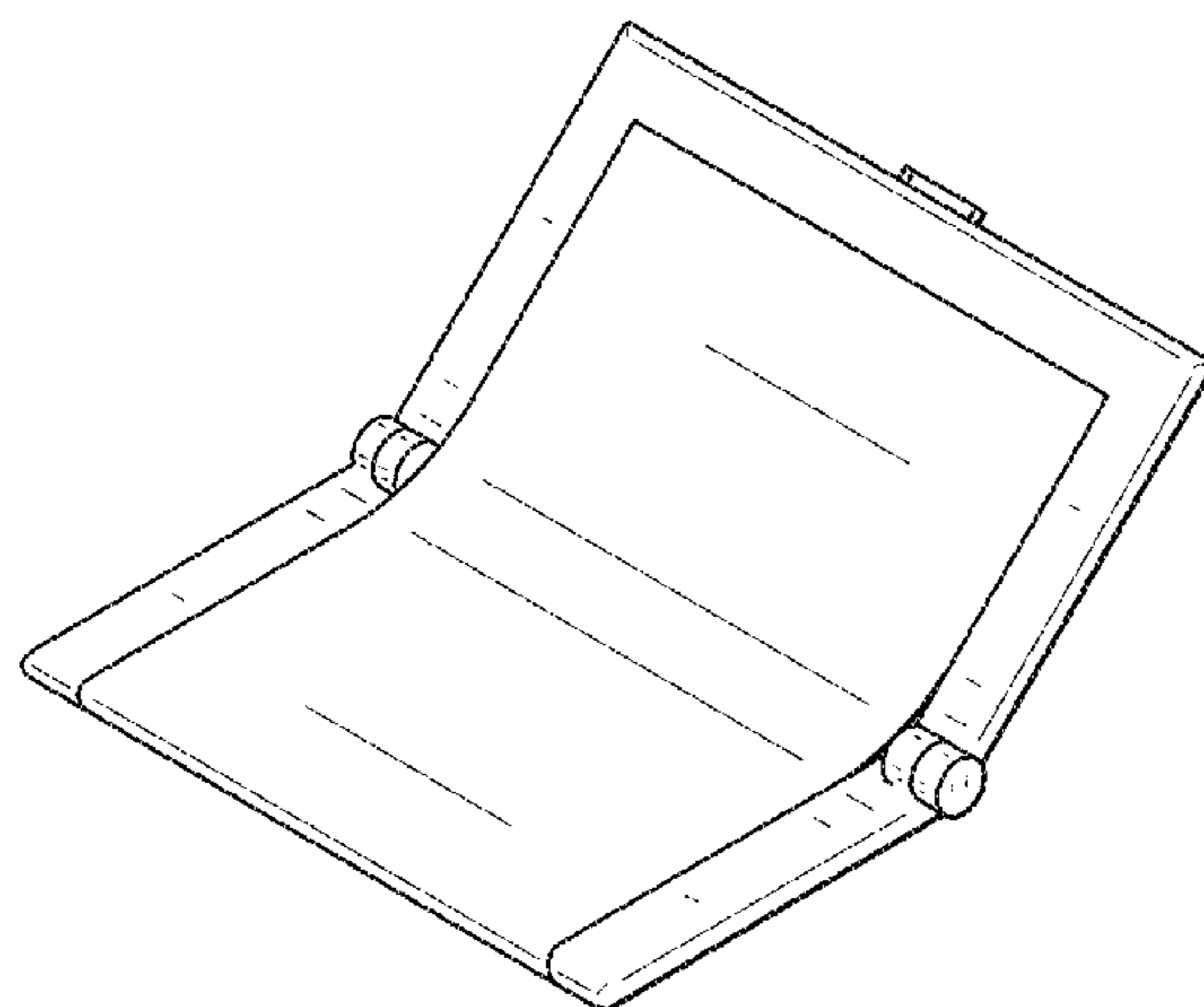
We claim, the ornamental design for a portable information terminal, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a portable information terminal showing our new design; FIG. 2 is a perspective view thereof; FIG. 3 is a perspective view thereof in a state in which the portable information terminal is folded; FIG. 4 is a perspective view thereof in a state in which the portable information terminal is folded; FIG. 5 is a front view in an unfolded state; FIG. 6 is a rear view thereof; FIG. 7 is a right side view thereof; FIG. 8 is a left side view thereof; FIG. 9 is a top view thereof; FIG. 10 is a bottom view thereof; FIG. 11 is a top view thereof in a state in which the portable information terminal is folded; and, FIG. 12 is a front view thereof in a state in which the portable information terminal is folded.

The portable information terminal can function as a computer, a wireless communication device, a media reproducing device for music, a movie, or the like, a game console, or the like. The portable information terminal can be folded so that a display portion is on the inside. The portable information terminal includes the display portion in a front

(Continued)



side surface portion. The portable information terminal is used in a folded, unfolded, or curved state as necessary.

**1 Claim, 6 Drawing Sheets**

(58) **Field of Classification Search**

USPC ..... D14/167, 168, 170–172, 188, 192, 194, D14/203.1, 203.3, 203.4, 203.7, 204, 205, D14/207, 214–216, 223, 224, 238.1, 239, D14/248, 250, 251, 253, 308, 317, 331, D14/336, 337, 341–347, 371–377, 388, D14/389, 420, 432, 439, 440, 447, 448, D14/451, 452, 457, 496; D6/308, 310, D6/406.1–406.6, 601; D10/104.1, 50, 65; D21/329–332; D13/108  
 CPC ..... G06F 1/1601; G06F 1/1605; G06F 1/162; G06F 1/1613; G06F 1/1647; G06F 1/1641; G06F 1/1616; G06F 1/1652; G06F 3/04883; G06F 3/0486; G06F 3/0487; G06F 3/0484; H04M 1/0214; H04R 1/02; H04R 5/00; H04R 9/06; G08B 21/0288; G08B 21/02; F16M 11/00  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D713,841 S \* 9/2014 Lim ..... D14/341  
 D719,540 S \* 12/2014 Lee ..... D14/138 AB  
 D719,541 S 12/2014 Lee et al.  
 9,013,368 B1 \* 4/2015 Kim ..... G06F 3/1446  
 345/1.1  
 D741,856 S \* 10/2015 Yamazaki ..... D14/341  
 D745,516 S \* 12/2015 Yamazaki ..... D14/341  
 D747,284 S \* 1/2016 Endo ..... D14/126  
 D749,575 S \* 2/2016 Park ..... D14/203.4  
 D753,652 S 4/2016 Endo et al.  
 D761,254 S \* 7/2016 Yamazaki ..... D14/341  
 D768,624 S \* 10/2016 Bae ..... D14/331  
 D770,448 S \* 11/2016 Endo ..... D14/341  
 9,541,962 B2 \* 1/2017 Siddiqui ..... G06F 1/1618

9,655,235 B2 \* 5/2017 Hwang ..... G09F 9/301  
 9,720,455 B2 \* 8/2017 Jang ..... G06F 1/1681  
 D800,112 S \* 10/2017 Park ..... D14/345  
 9,791,891 B2 \* 10/2017 Jung ..... G06F 1/1652  
 D816,079 S \* 4/2018 Yamazaki ..... D14/341  
 D820,801 S \* 6/2018 Yeom ..... D14/138 AB  
 D828,319 S \* 9/2018 Seo ..... D14/138 AB  
 10,104,790 B2 \* 10/2018 Lee ..... E05D 11/0054  
 D833,431 S \* 11/2018 Bae ..... D14/345  
 2011/0242026 A1 \* 10/2011 Ishigaki ..... G06F 17/30991  
 345/173  
 2012/0002360 A1 \* 1/2012 Seo ..... G06F 1/1616  
 361/679.01  
 2012/0147599 A1 \* 6/2012 Shim ..... G06F 1/1652  
 362/231  
 2012/0236484 A1 \* 9/2012 Miyake ..... G06F 1/1616  
 361/679.01  
 2012/0264489 A1 \* 10/2012 Choi ..... H04M 1/0216  
 455/566  
 2013/0307805 A1 \* 11/2013 Arai ..... G06F 3/04883  
 345/173  
 2015/0062028 A1 \* 3/2015 Go ..... G06F 1/1616  
 345/173  
 2015/0378397 A1 \* 12/2015 Park ..... G06F 1/1652  
 361/679.27  
 2016/0062412 A1 \* 3/2016 Park ..... G06F 1/1616  
 361/679.27

FOREIGN PATENT DOCUMENTS

JP 1465491 3/2015  
 KR 30-0689166 4/2013

OTHER PUBLICATIONS

Lenovo's Flexible Display Wrist Phone and Foldable Tablet, announced Sep. 11, 2016 [online], [retrieved Jul. 18, 2018]. Available from Internet, URL: <<http://www.shelltechnos.com/gadgets/lenovo-flexible-display-wrist-phone-and-foldable-tablet/>> (Year: 2016).  
 \* Specification and Drawings of Design U.S. Appl. No. 29/598,102, filed Mar. 23, 2017.  
 \* Specification and Drawings of Design U.S. Appl. No. 29/598,103, filed Mar. 23, 2017.  
 \* Specification and Drawings of Design U.S. Appl. No. 29/598,105, filed Mar. 23, 2017.

\* cited by examiner

FIG. 1

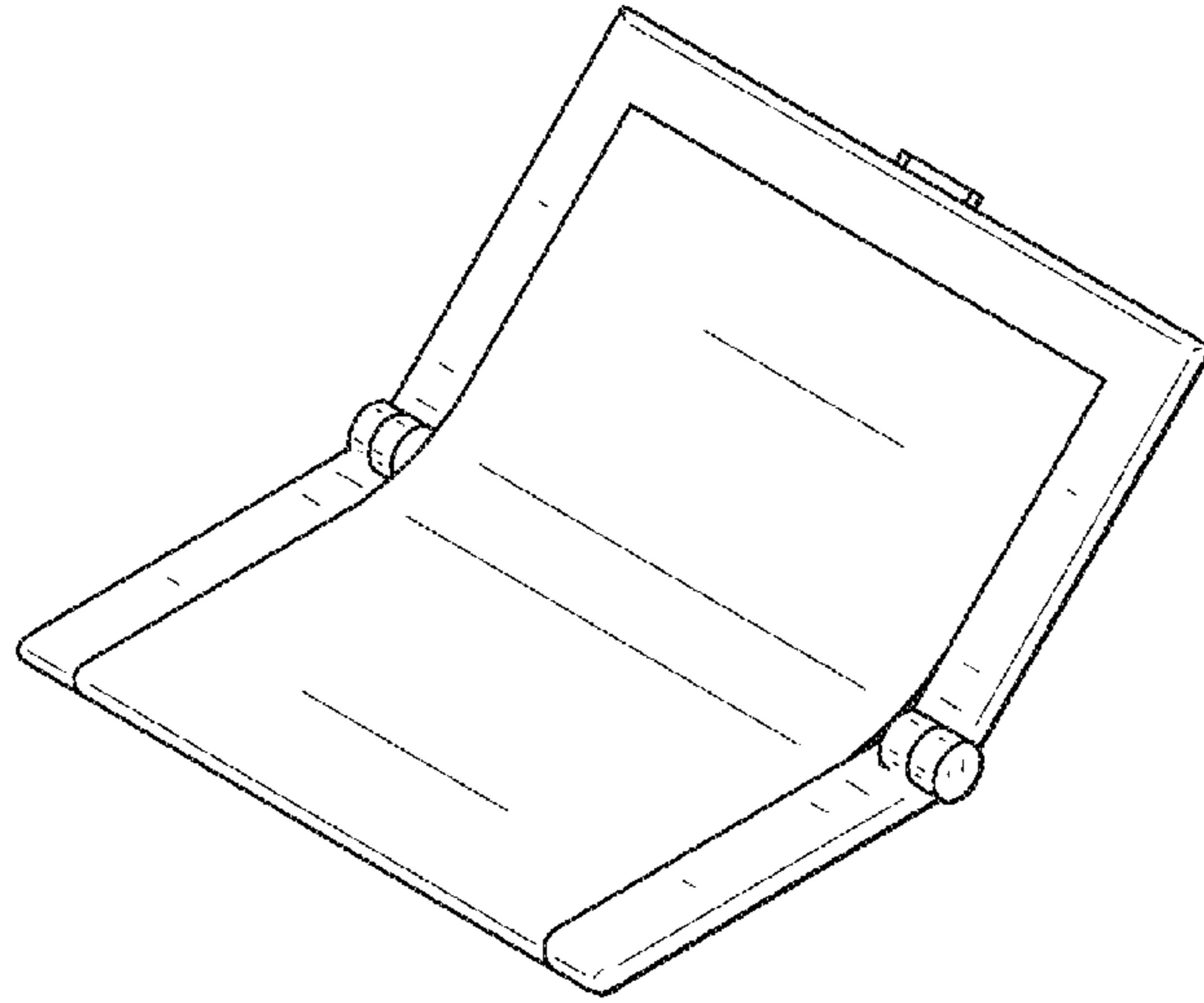


FIG. 2

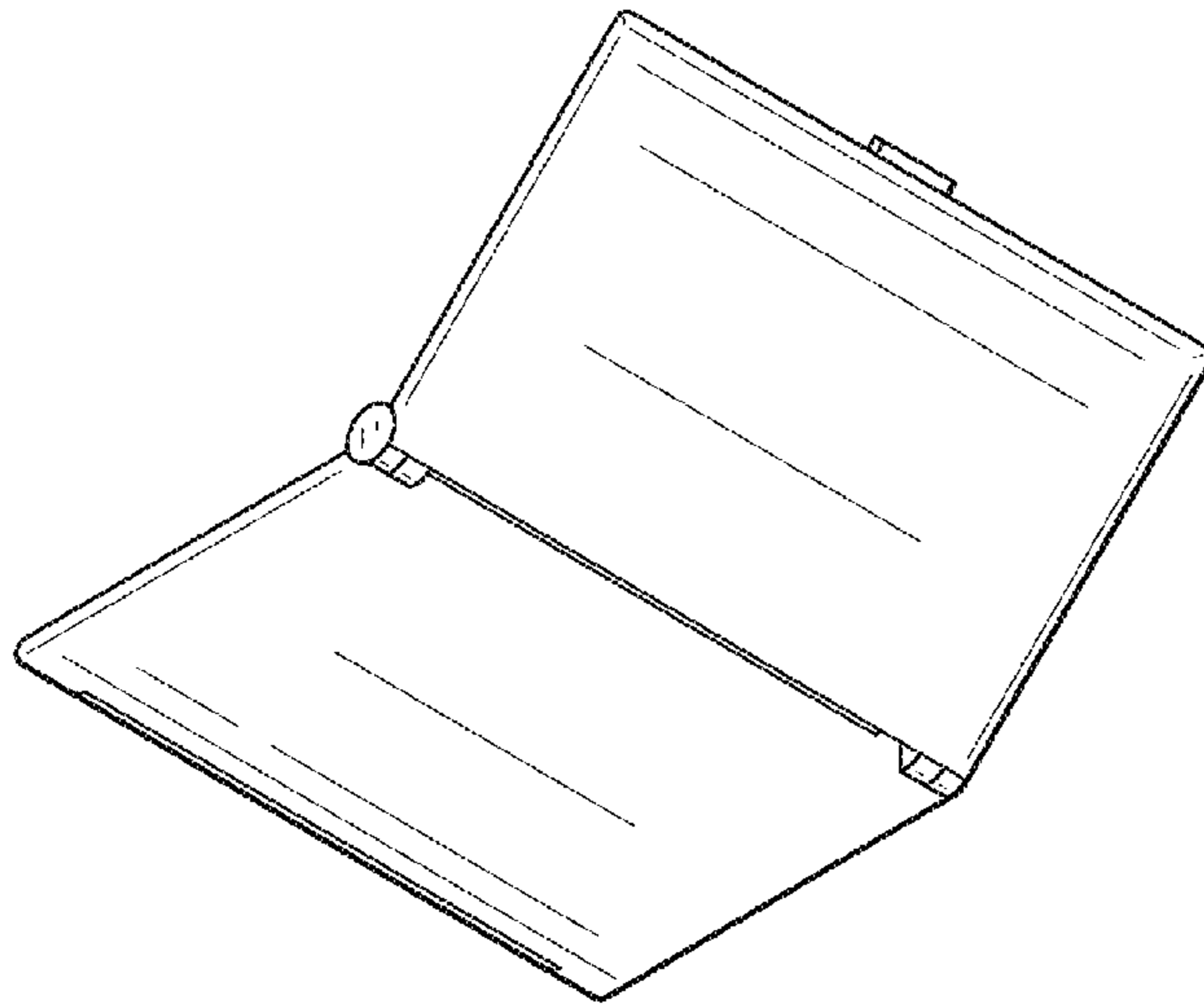


FIG. 3

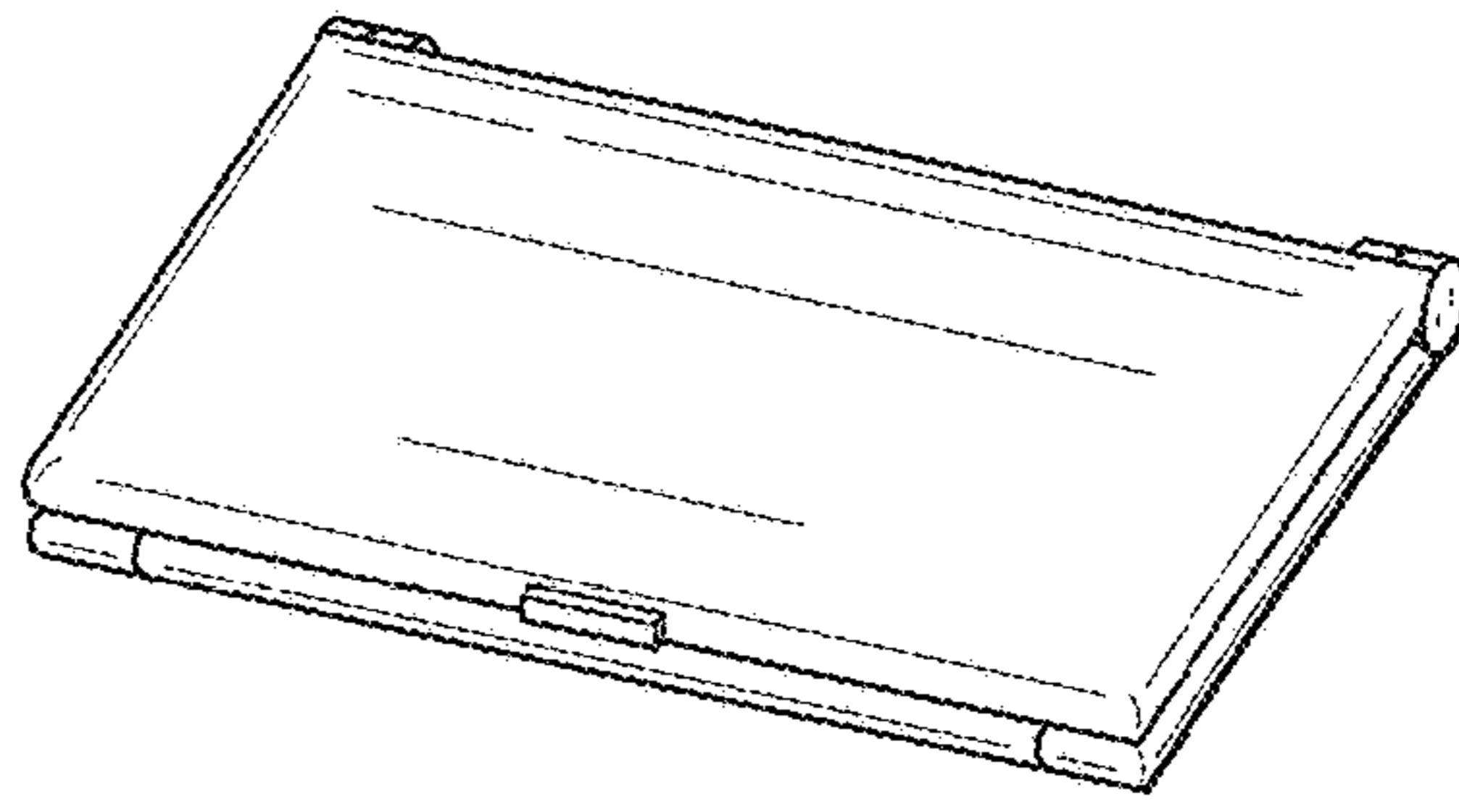


FIG. 4

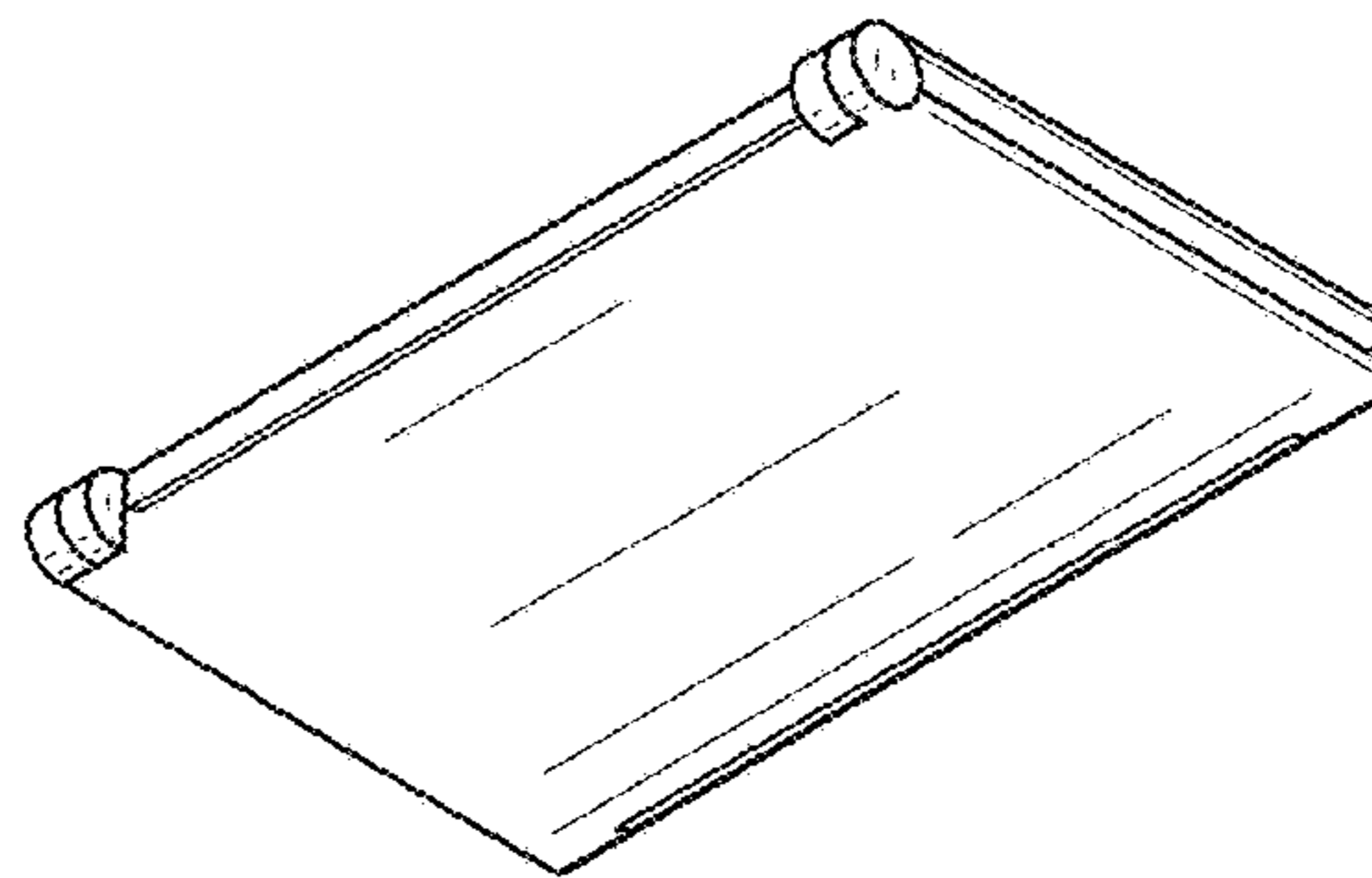


FIG. 5

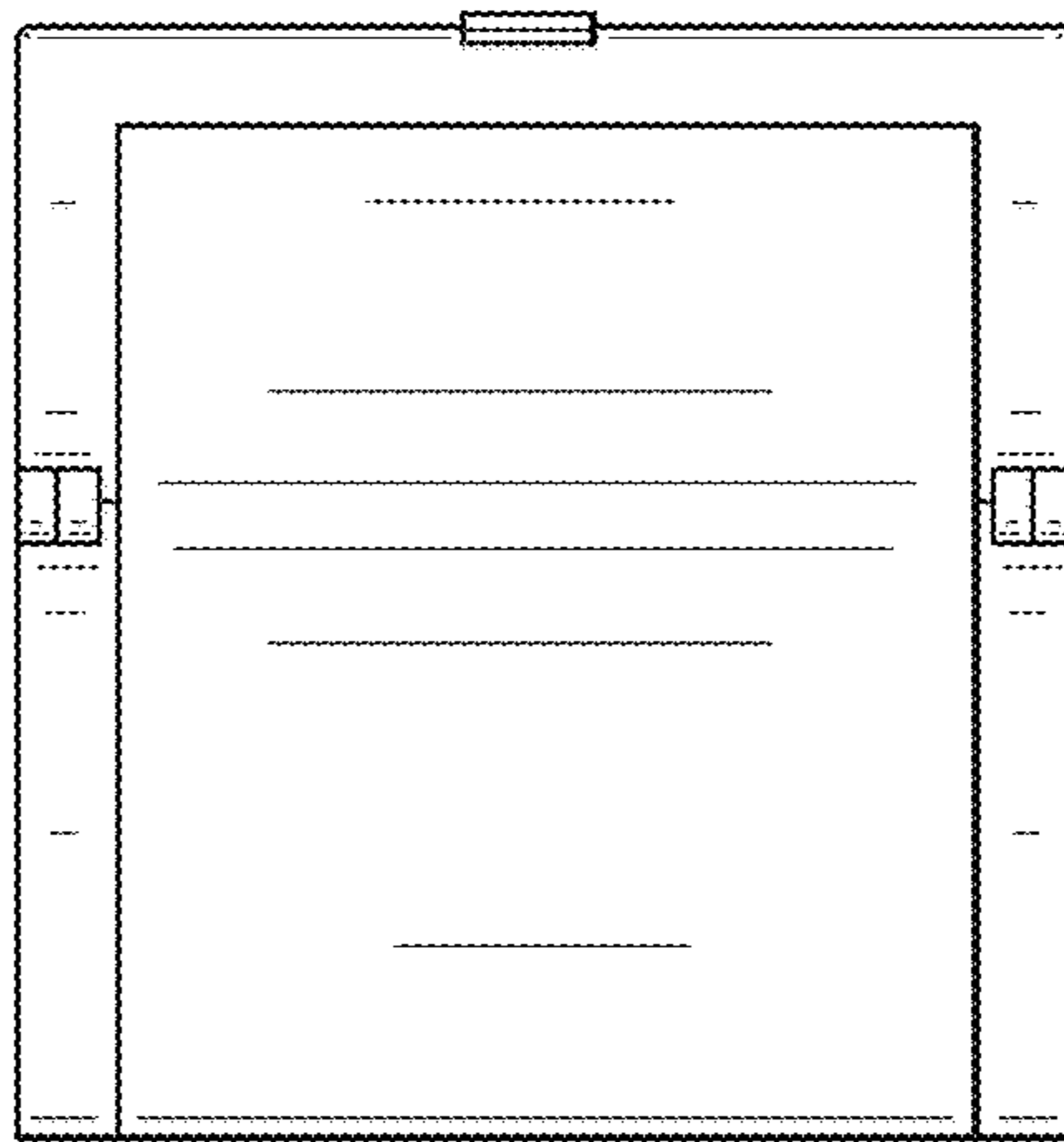


FIG. 6

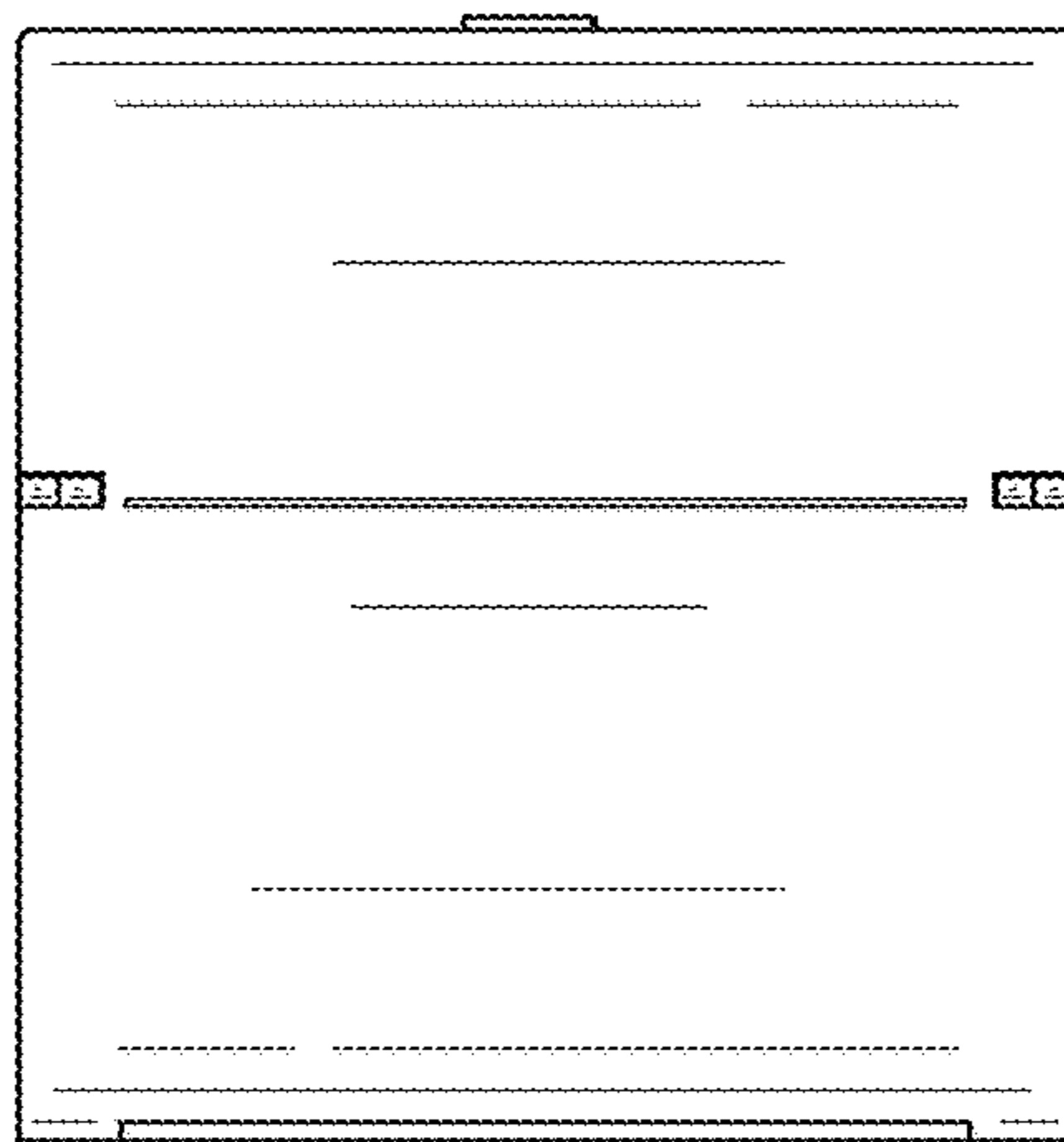


FIG. 7

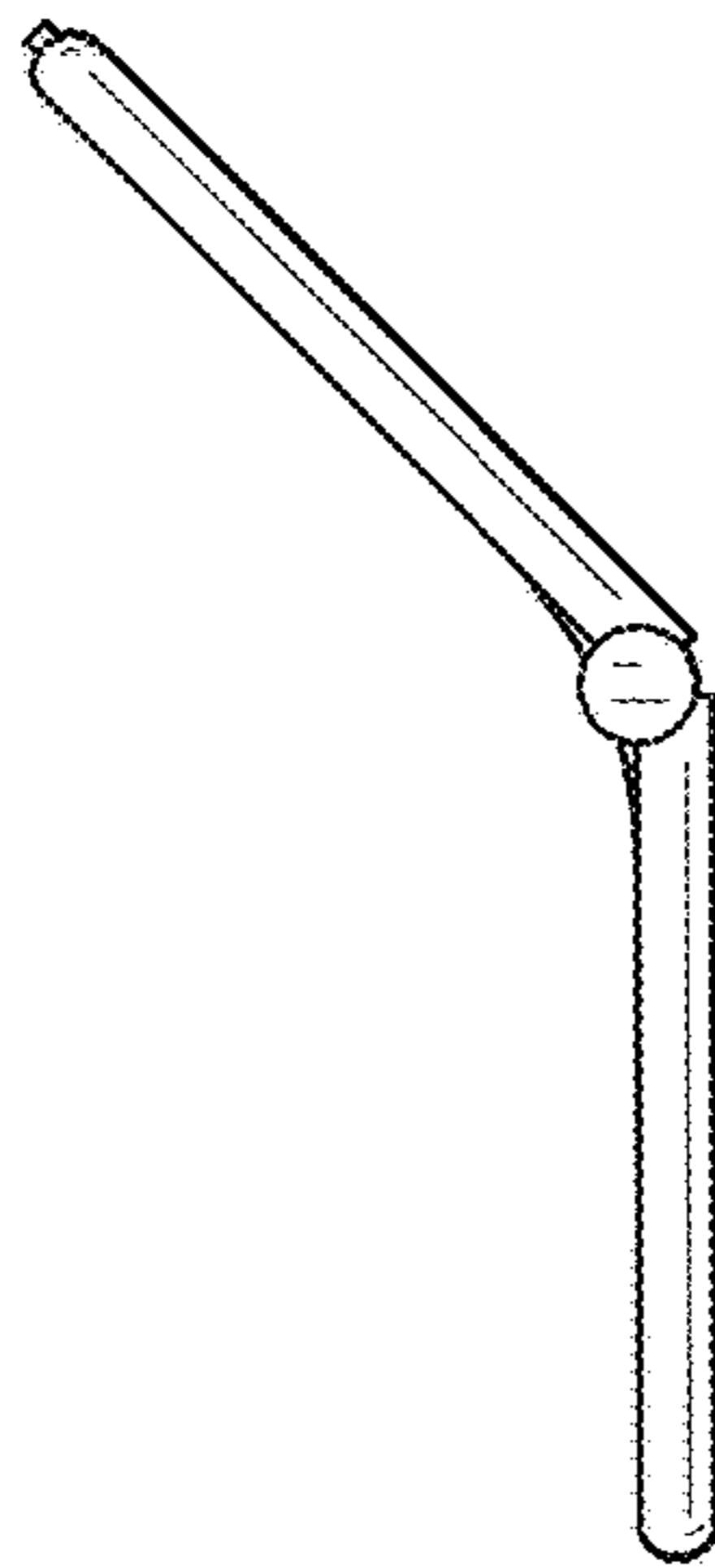


FIG. 8

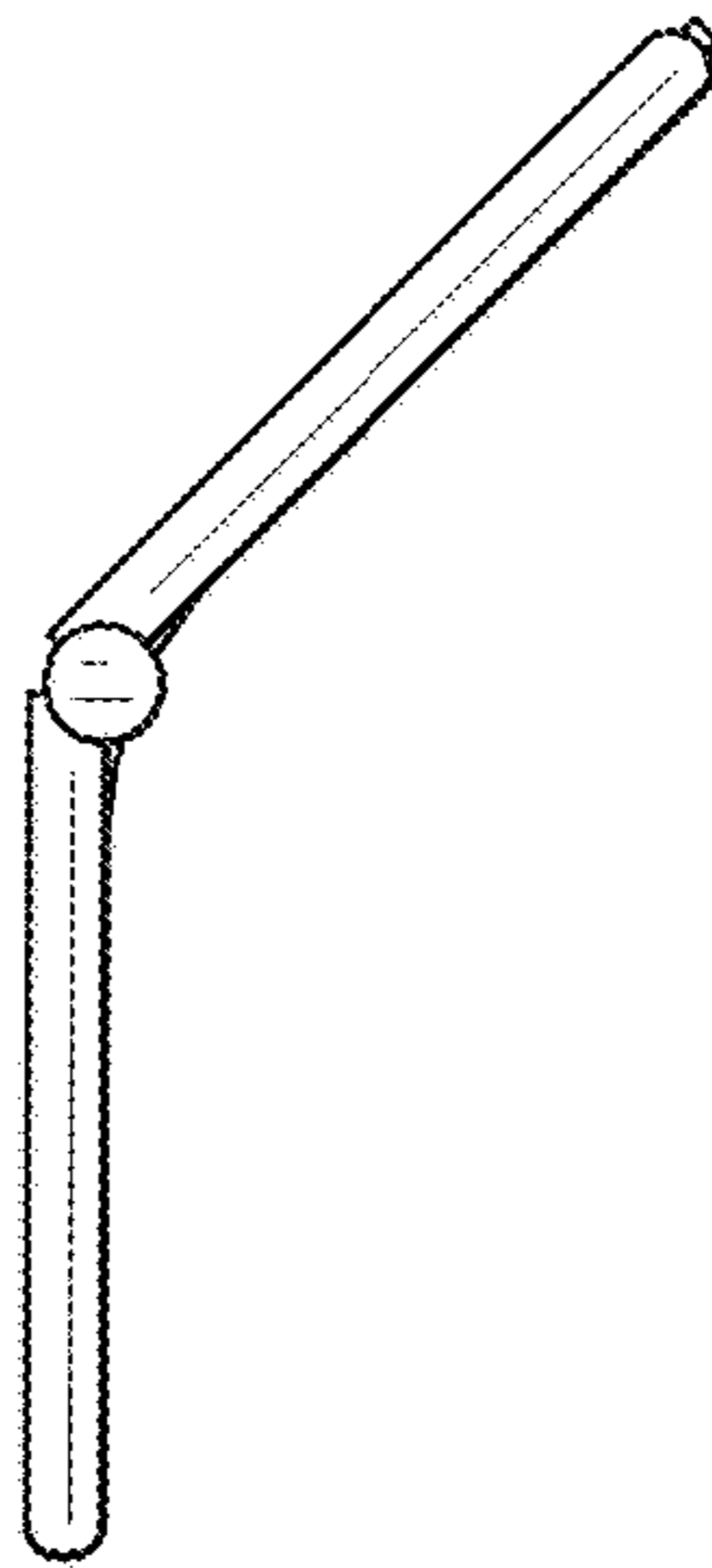


FIG. 9

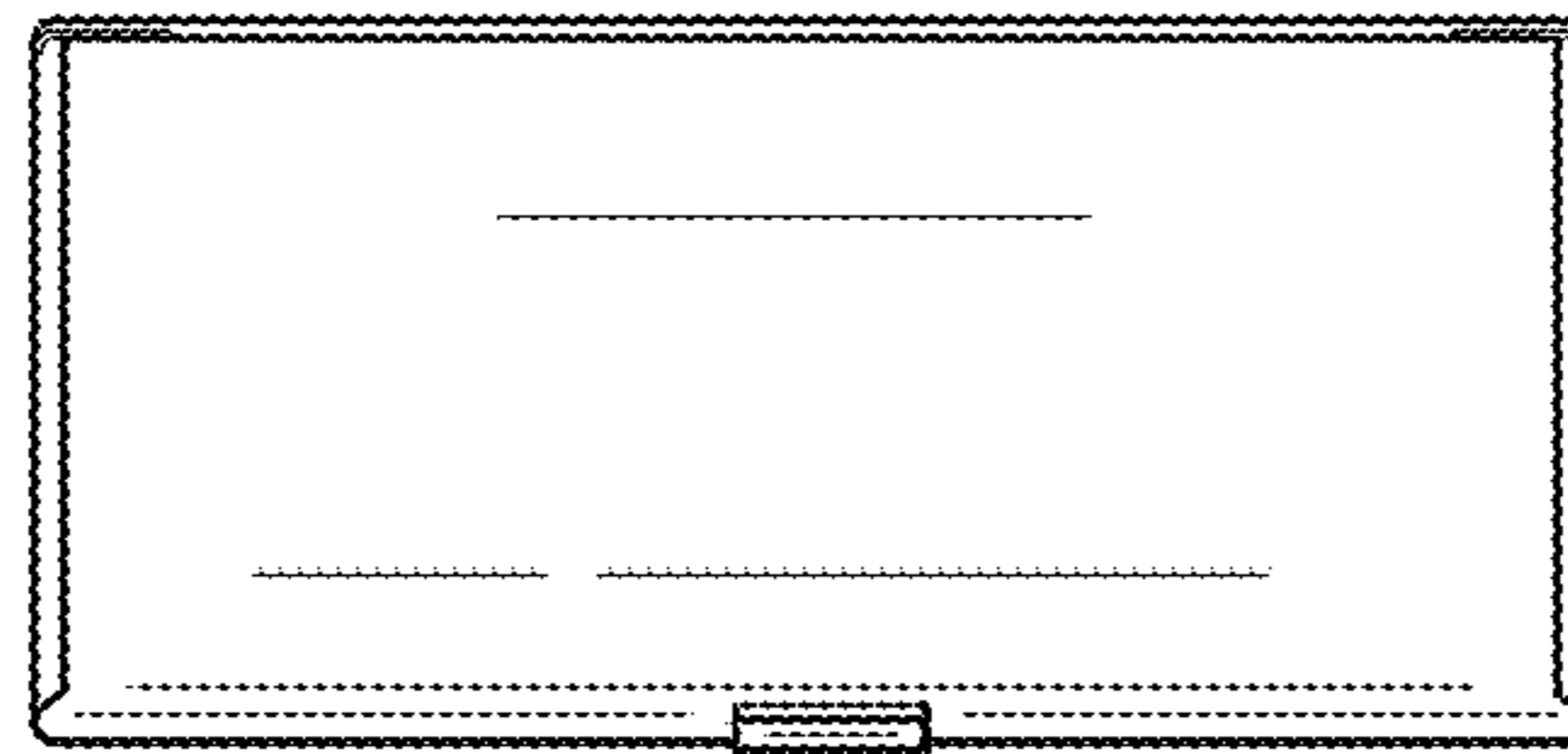


FIG. 10

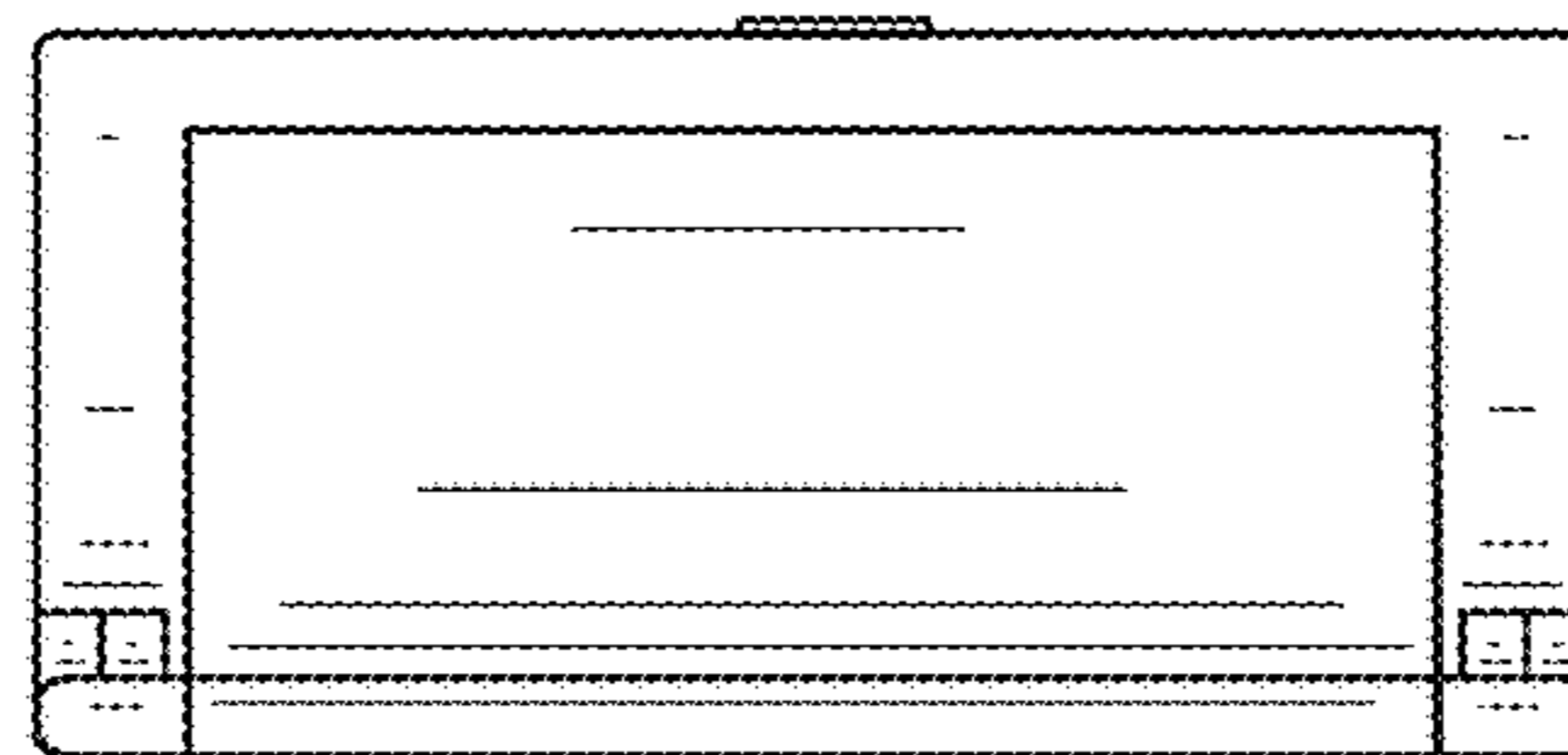


FIG. 11

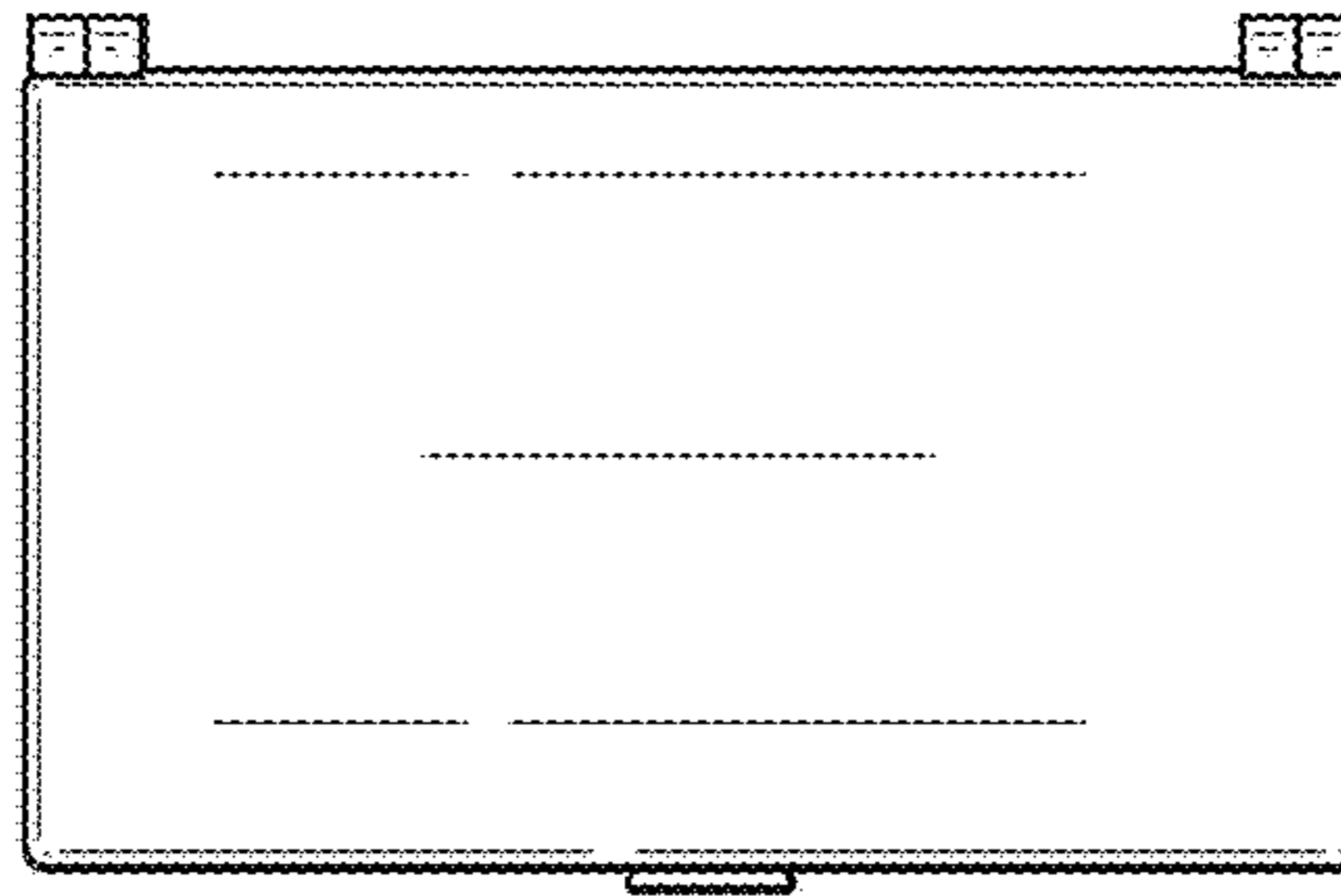


FIG. 12

