



US00D881139S

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

(10) **Patent No.:** **US D881,139 S**
(45) **Date of Patent:** **** Apr. 14, 2020**

- (54) **SWITCH**
- (71) Applicant: **SHENZHEN ROYOLE TECHNOLOGIES CO. LTD.,**
Shenzhen, Guangdong (CN)
- (72) Inventors: **Ying Yang,** Guangdong (CN); **Xinyuan Xia,** Guangdong (CN)
- (73) Assignee: **SHENZHEN ROYOLE TECHNOLOGIES CO., LTD.,**
Shenzhen (CN)

D607,842 S * 1/2010 Rinna D13/162
 8,053,994 B2 * 11/2011 Liu H05B 37/0227
 307/119
 D717,743 S * 11/2014 Larkin D13/164
 D775,089 S * 12/2016 Iaconis D13/162
 D780,699 S * 3/2017 Zhang D13/162
 D781,246 S * 3/2017 Zhang D13/162
 D815,607 S * 4/2018 Ubirajara Silva D13/164
 D822,621 S * 7/2018 Guan D13/162
 D825,490 S * 8/2018 Xu D13/162
 2004/0130456 A1 * 7/2004 Wu H01H 9/0271
 340/9.1

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

(21) Appl. No.: **29/650,841**

(22) Filed: **Jun. 11, 2018**

(30) **Foreign Application Priority Data**

Dec. 22, 2017 (CN) 2017 3 0663170

(51) **LOC (12) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/162**

(58) **Field of Classification Search**
 USPC D13/158, 162, 177
 CPC .. H01H 3/12; H01H 9/02; H01H 9/16; H01H
 9/18; H01H 9/181; H01H 9/182; H01H
 13/04; H01H 13/14; H01H 2009/187;
 H05B 33/0803; H05B 33/0863; H05B
 37/02; H05B 37/0254; H05B 37/0272;
 H05B 39/02; H05B 39/04; H05B 39/085;
 H05B 39/086; H05B 39/088; G09G
 3/2096; G09G 5/006

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D388,398 S * 12/1997 Jeong D13/174
 D402,270 S * 12/1998 Garrity, Sr. D13/174
 D586,762 S * 2/2009 Nichols D13/171

OTHER PUBLICATIONS

ZIGBee Light Switch—prior Jun. 11, 2018; 1 pg; https://www.google.com/search?q=smart+light+switch&hl=en&biw=1536&bih=813&source=Int&tbs=cdr%3A1%2Ccd_min%3A%2Ccd_max%3A6%2F11%2F2018&tbn=isch#imgdii=GMFgt6yR6mE_hM:imgrc=K2_hZaQx0Q6-NM:&spf=1566931888152.*

(Continued)

Primary Examiner — Selina Sikder

(74) *Attorney, Agent, or Firm* — Hauptman Ham, LLP

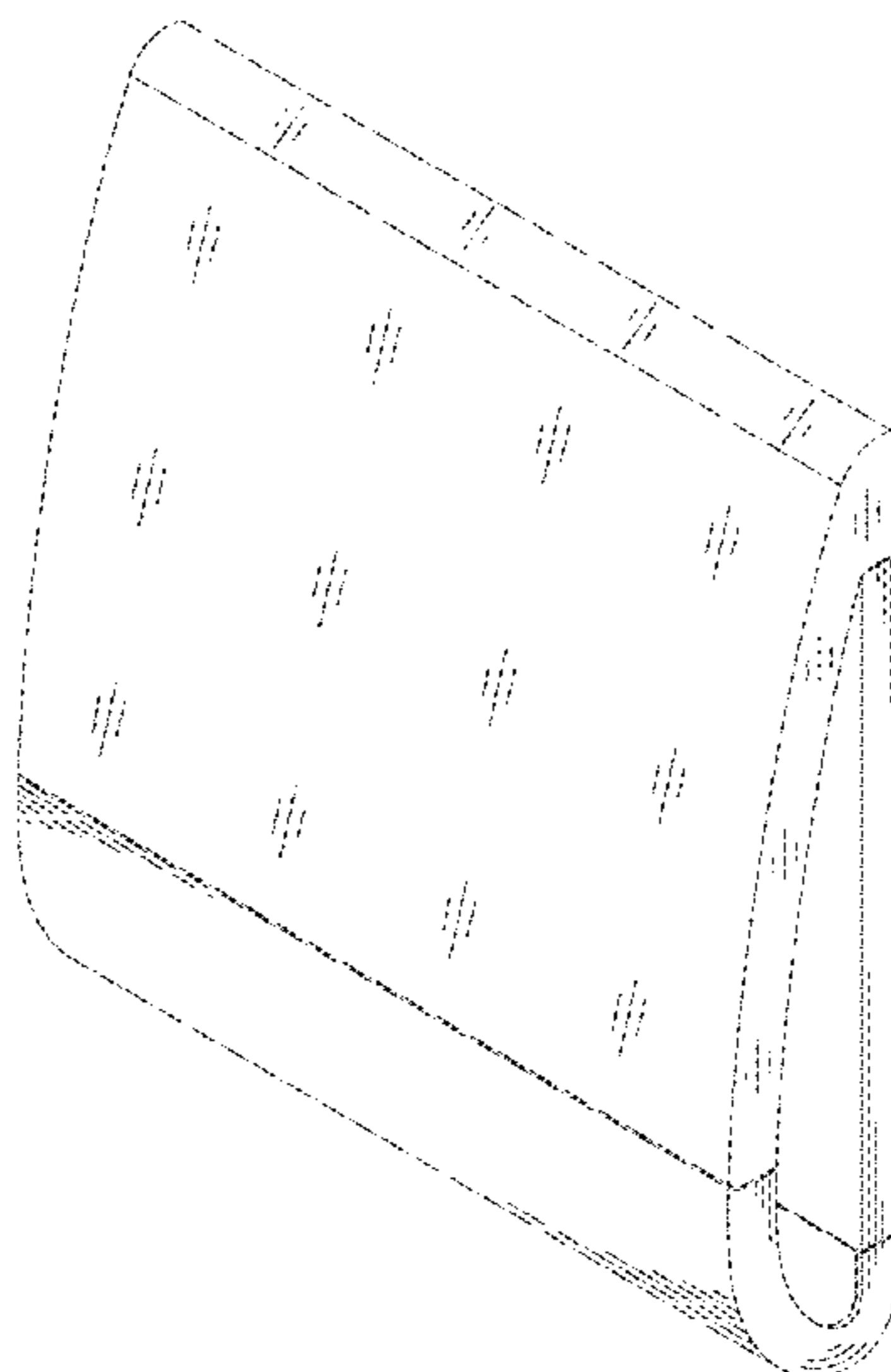
(57) **CLAIM**

The ornamental design for a switch, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a switch bearing the design;
 FIG. 2 is a back view thereof;
 FIG. 3 is a left side view thereof;
 FIG. 4 is a right side view thereof;
 FIG. 5 is a top view thereof;
 FIG. 6 is a bottom view thereof; and,
 FIG. 7 is a front-top-right perspective view thereof.
 In the drawings, the claimed design is defined by the shaded surfaces; broken lines immediately adjacent shaded surfaces represent boundaries of the claim and form no part thereof; all other broken lines depict portions of the switch and form no part of the claim.

1 Claim, 6 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

Smart Light Switch—prior to Jun. 11, 2018; 1 pg. https://www.google.com/search?q=smart+light+switch&hl=en&biw=1536&bih=813&source=Int&tbs=cdr%3A1%2Ccd_min%3A%2Ccd_max%3A6%2F11%2F2018&tbm=isch#imgrc=UdshGwHe_KOMvM:&spf=1566931888092.*

Brilliant Control; prior to Jun. 11, 2018; 1 pg.; https://www.google.com/search?q=smart+light+switch&hl=en&biw=1536&bih=813&source=Int&tbs=cdr%3A1%2Ccd_min%3A%2Ccd_max%3A6%2F11%2F2018&tbm=isch#imgrc=D-kZtqCw2vdtGM:&spf=1566931888100.*

* cited by examiner

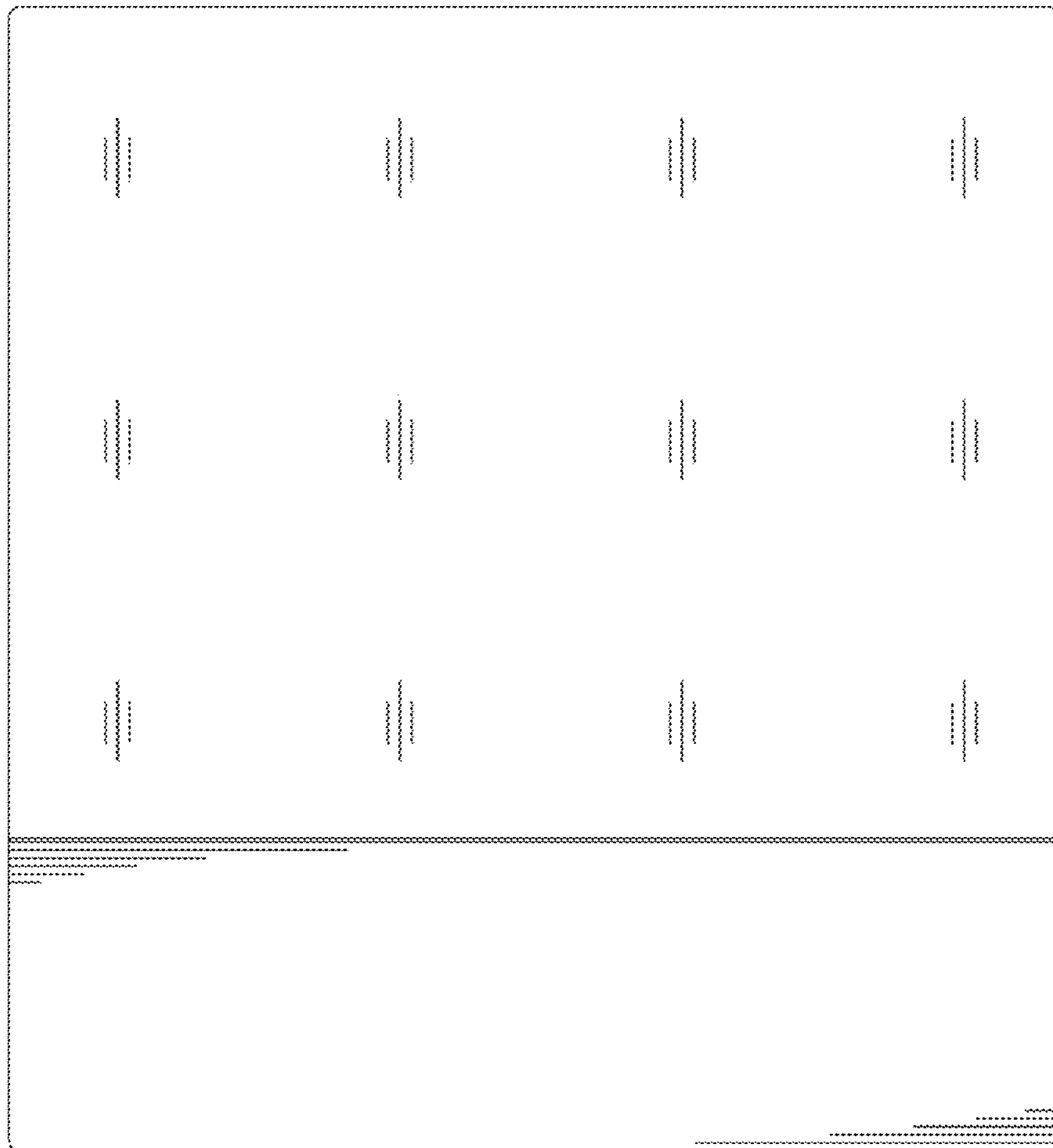


FIG.1

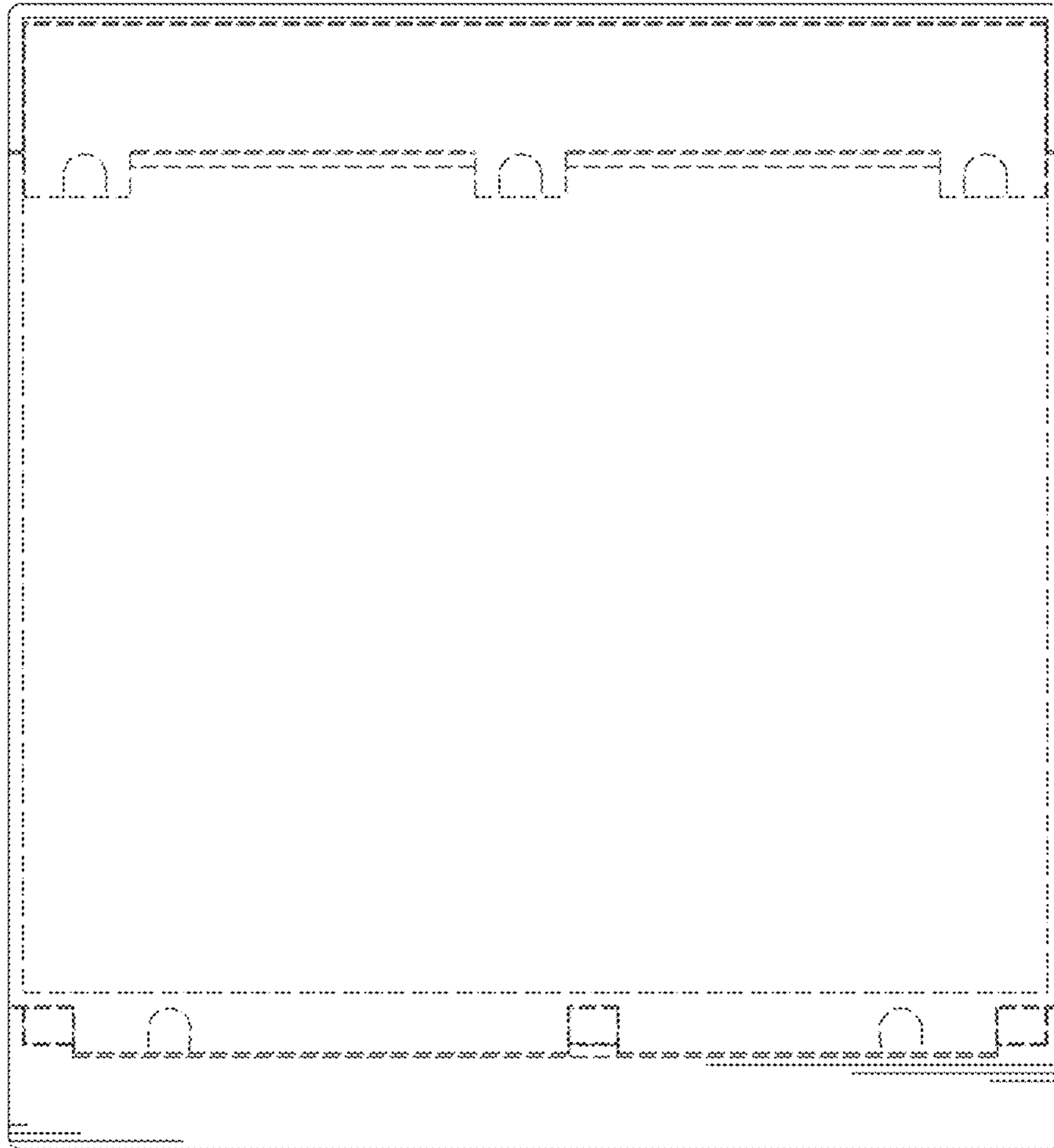


FIG. 2

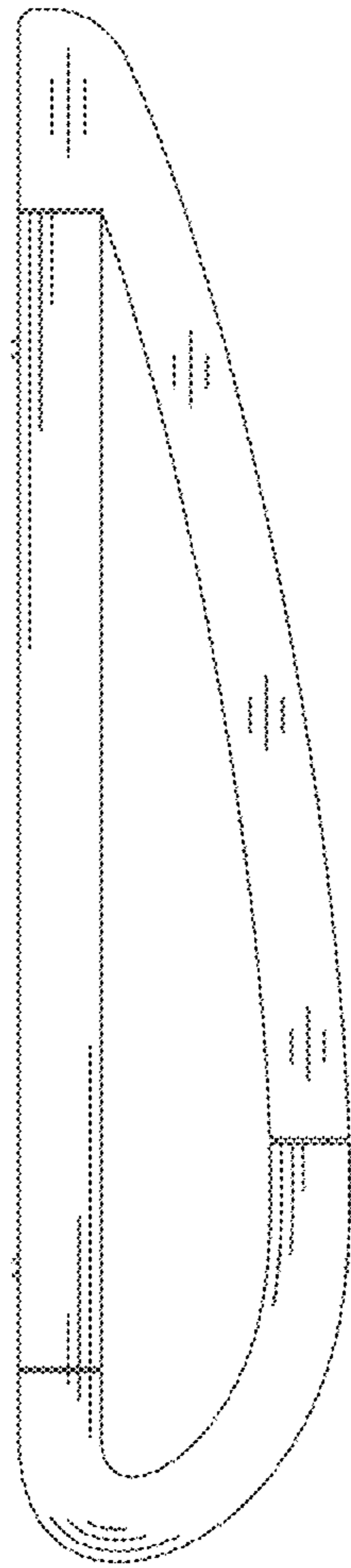


FIG.3

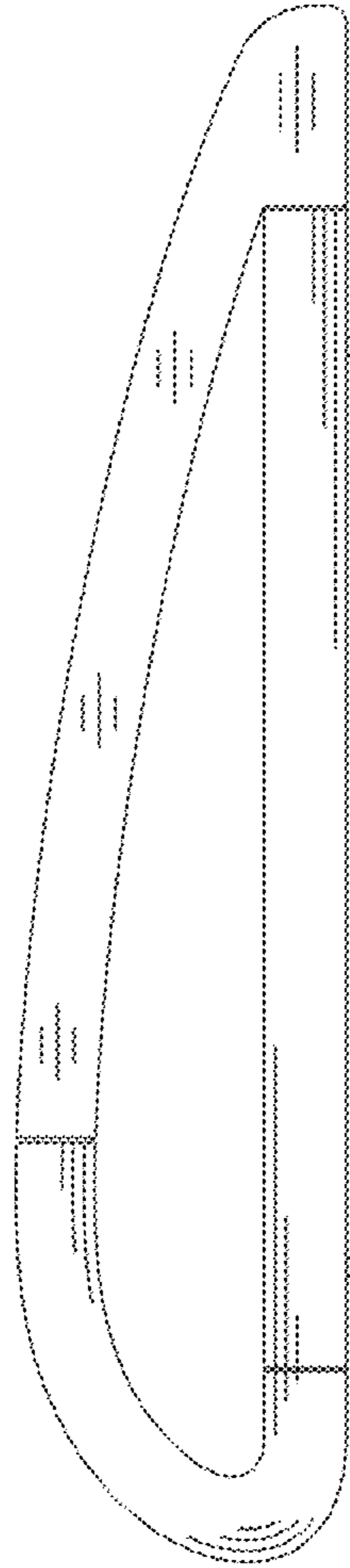


FIG.4

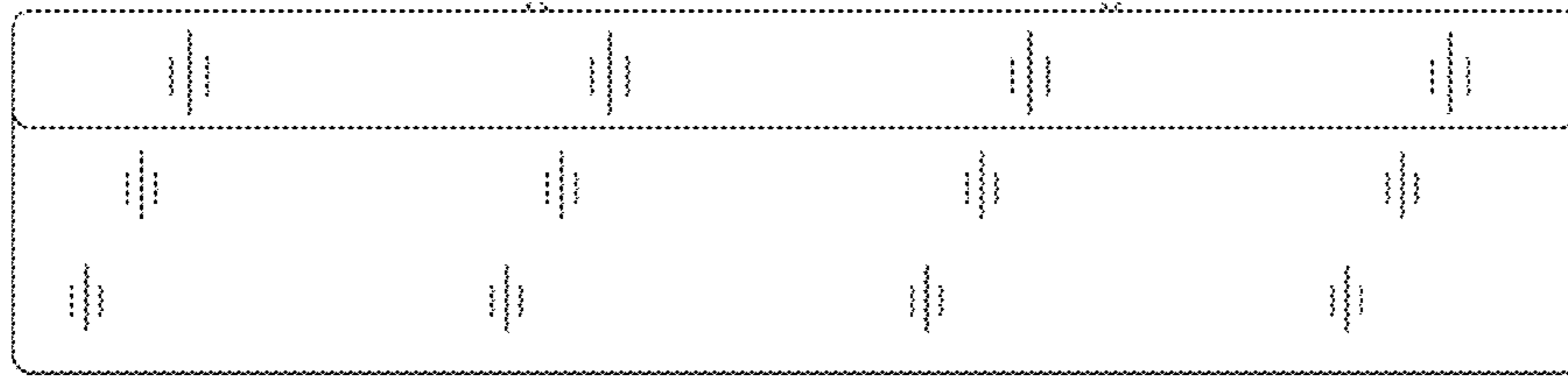


FIG.5

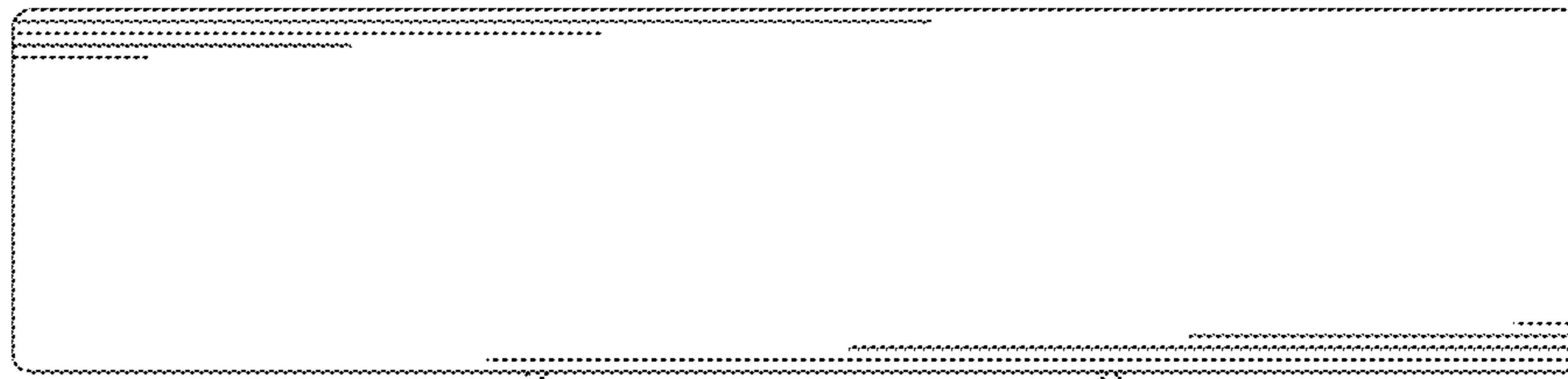


FIG.6

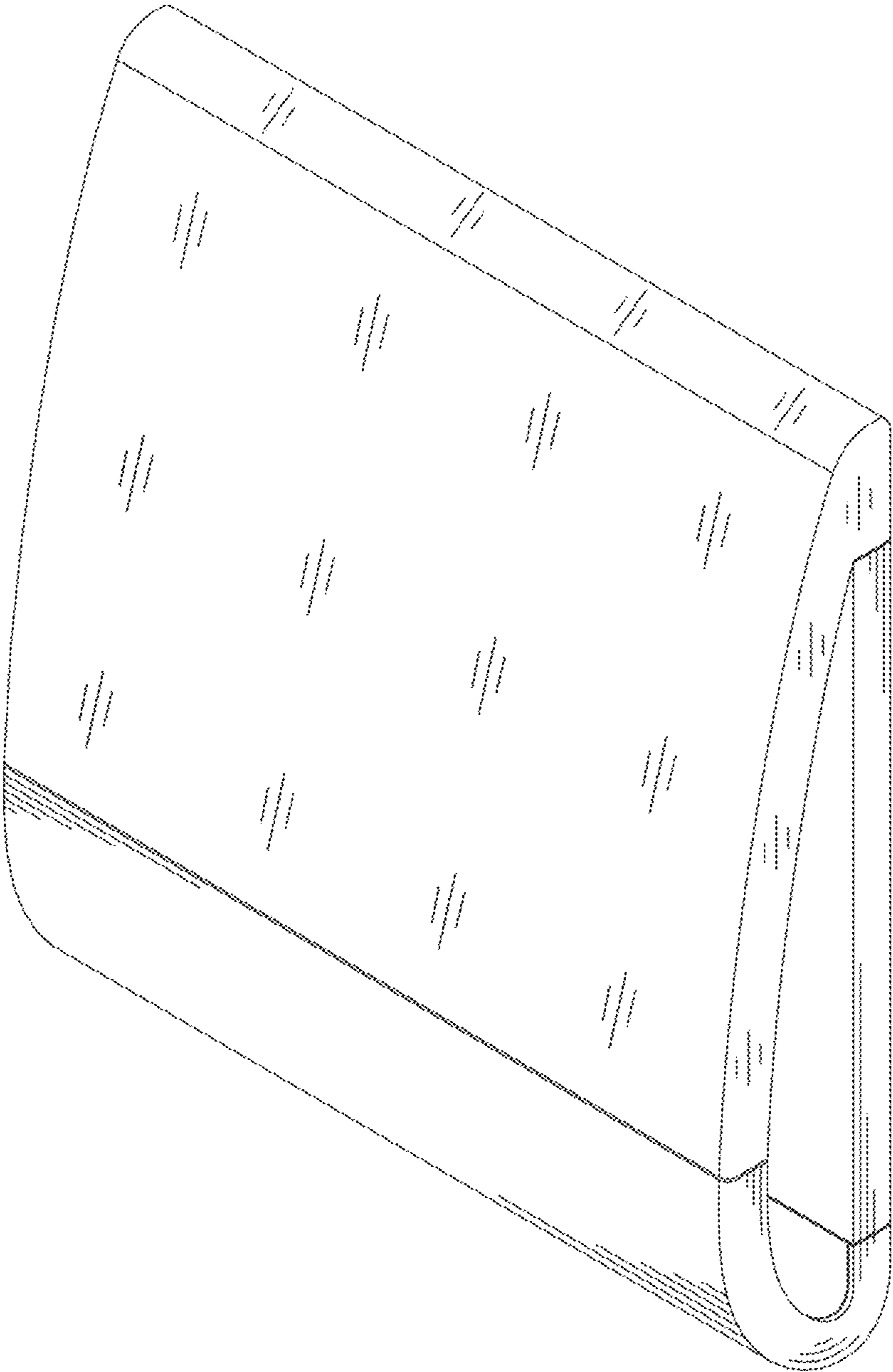


FIG.7