



US00D814403S

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

(10) **Patent No.:** **US D814,403 S**

(45) **Date of Patent:** **** Apr. 3, 2018**

(54) **SECONDARY BATTERY FOR CELLULAR PHONE**

(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)

(72) Inventors: **Seunghoon Ryu**, Seoul (KR); **Jeeyoung Yeon**, Seoul (KR)

(73) Assignee: **LG ELECTRONICS INC.**, Seoul (KR)

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

(21) Appl. No.: **35/502,306**

(22) Filed: **Jul. 19, 2016**

(80) **Hague Agreement Data**

Int. Filing Date: **Jul. 19, 2016**

Int. Reg. No.: **DM/092014**

Int. Reg. Date: **Jul. 19, 2016**

Int. Reg. Pub. Date: **Jan. 20, 2017**

(30) **Foreign Application Priority Data**

Jan. 22, 2016 (KR) 30-2016-0003392

(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/103**

(58) **Field of Classification Search**

USPC D13/103, 107, 108, 102, 121; D14/240,
D14/250, 440, 345, 248; 320/108;
361/502; 429/7

CPC H01M 2/0212; H01G 2/04; H02J 7/0054
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D606,489 S * 12/2009 Sasada D13/102
D636,727 S * 4/2011 Sakae D13/121

D657,305 S * 4/2012 Nomi D13/102
D659,087 S * 5/2012 Nomi D13/102
D682,829 S * 5/2013 Wu D14/240
D684,961 S * 6/2013 Murchison D14/250
8,564,243 B2 * 10/2013 Chen H02J 7/0054
320/108
D704,181 S * 5/2014 Stevinson D14/250
D706,270 S * 6/2014 Akana D14/440
D708,172 S * 7/2014 Ryu D14/250
D729,787 S * 5/2015 Soekoro D14/250
D750,017 S * 2/2016 Miller D13/108
D754,642 S * 4/2016 Weng D14/250
D760,162 S * 6/2016 Park D13/103
D760,208 S * 6/2016 Weng D14/250
D773,390 S * 12/2016 Dittel D13/103
D775,618 S * 1/2017 Kim D14/250
D786,190 S * 5/2017 Li D13/102
D788,774 S * 6/2017 Seo D14/345
D790,456 S * 6/2017 Aiello D13/107
D795,185 S * 8/2017 Sollberger D13/108
D795,233 S * 8/2017 Park D14/248
D795,237 S * 8/2017 Jung D13/108
D795,854 S * 8/2017 Kim D14/248
D803,775 S * 11/2017 Park D13/103

(Continued)

Primary Examiner — Rhea Shields

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

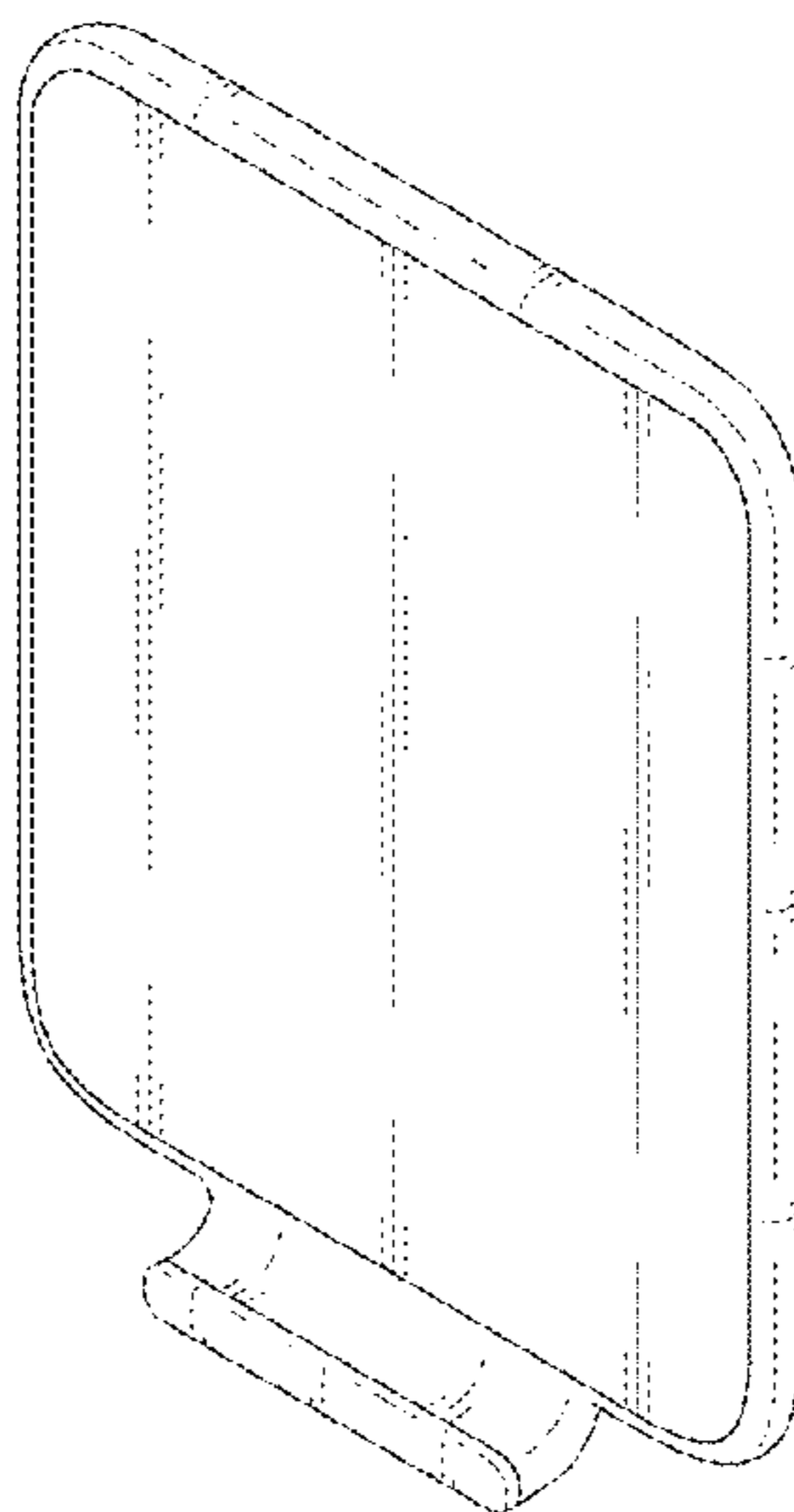
(57) **CLAIM**

The ornamental design for a secondary battery for cellular phone, as shown and described.

DESCRIPTION

- 1. Secondary battery for cellular phone
- 1.1 : Perspective
- 1.2 : Front
- 1.3 : Back
- 1.4 : Left
- 1.5 : Right
- 1.6 : Top
- 1.7 : Bottom

1 Claim, 7 Drawing Sheets



(56)

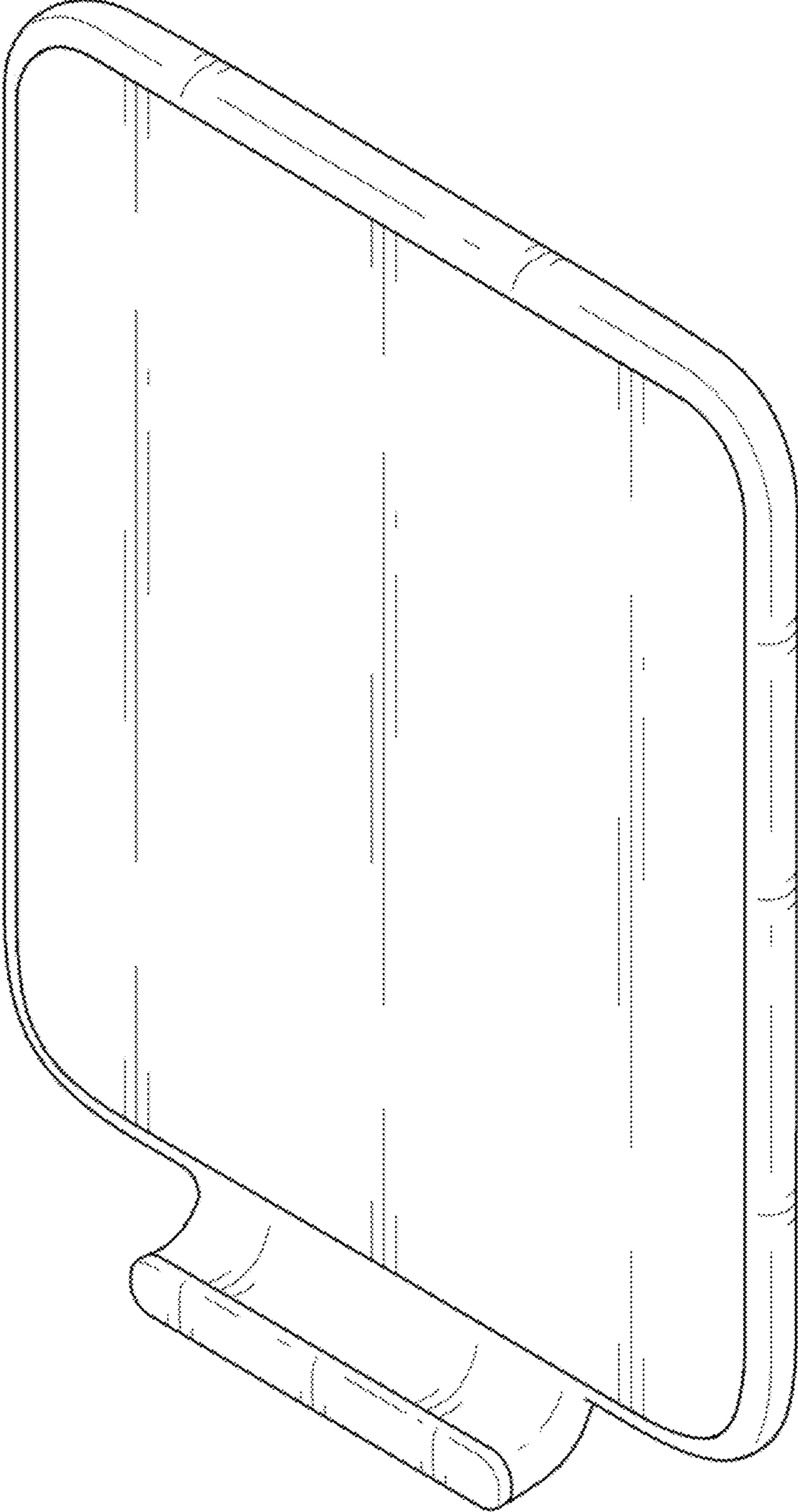
References Cited

U.S. PATENT DOCUMENTS

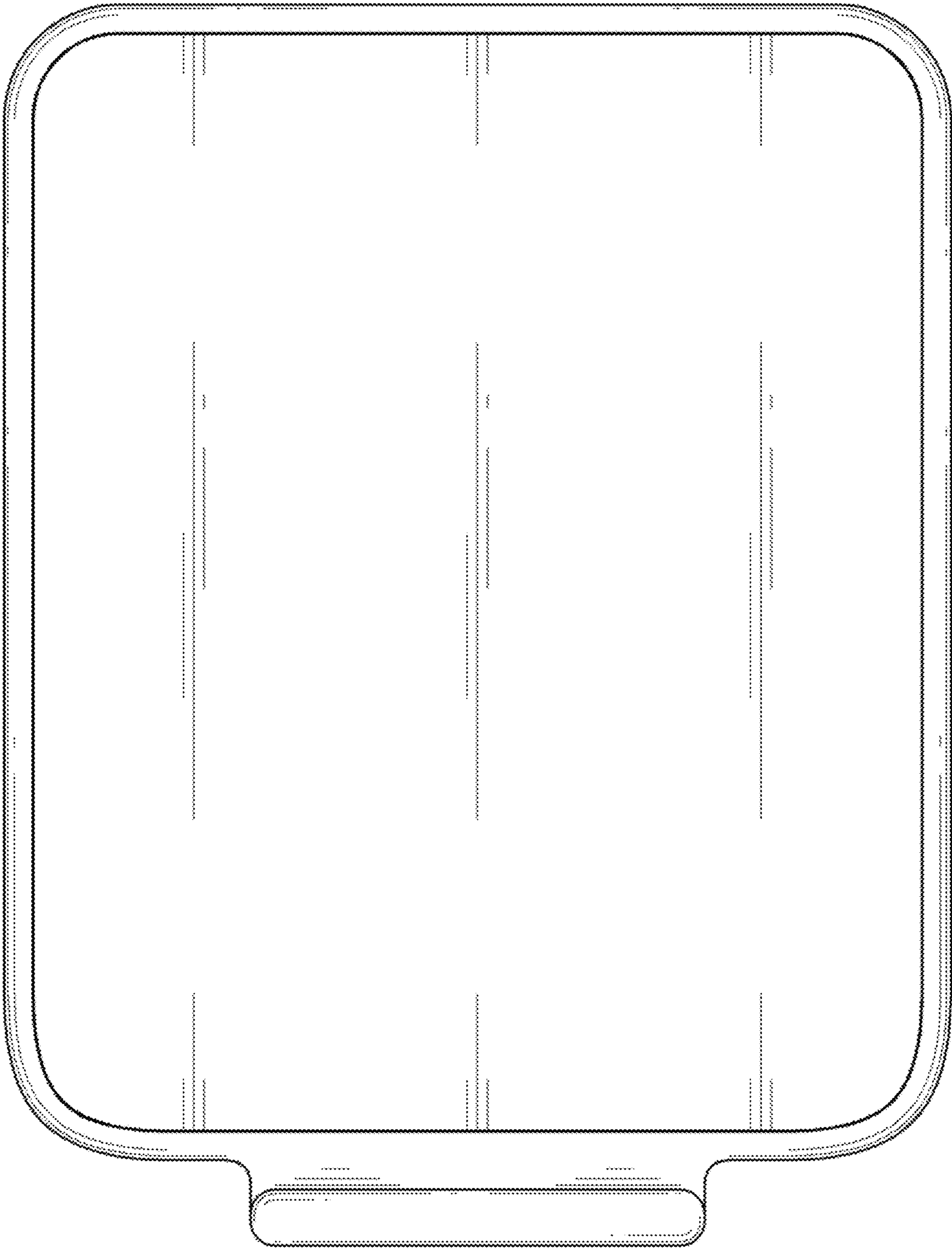
D803,779 S * 11/2017 Jung D13/107
2005/0181242 A1* 8/2005 Suzuki H01M 2/0212
429/7
2013/0083453 A1* 4/2013 Kobayashi H01G 2/04
361/502

* cited by examiner

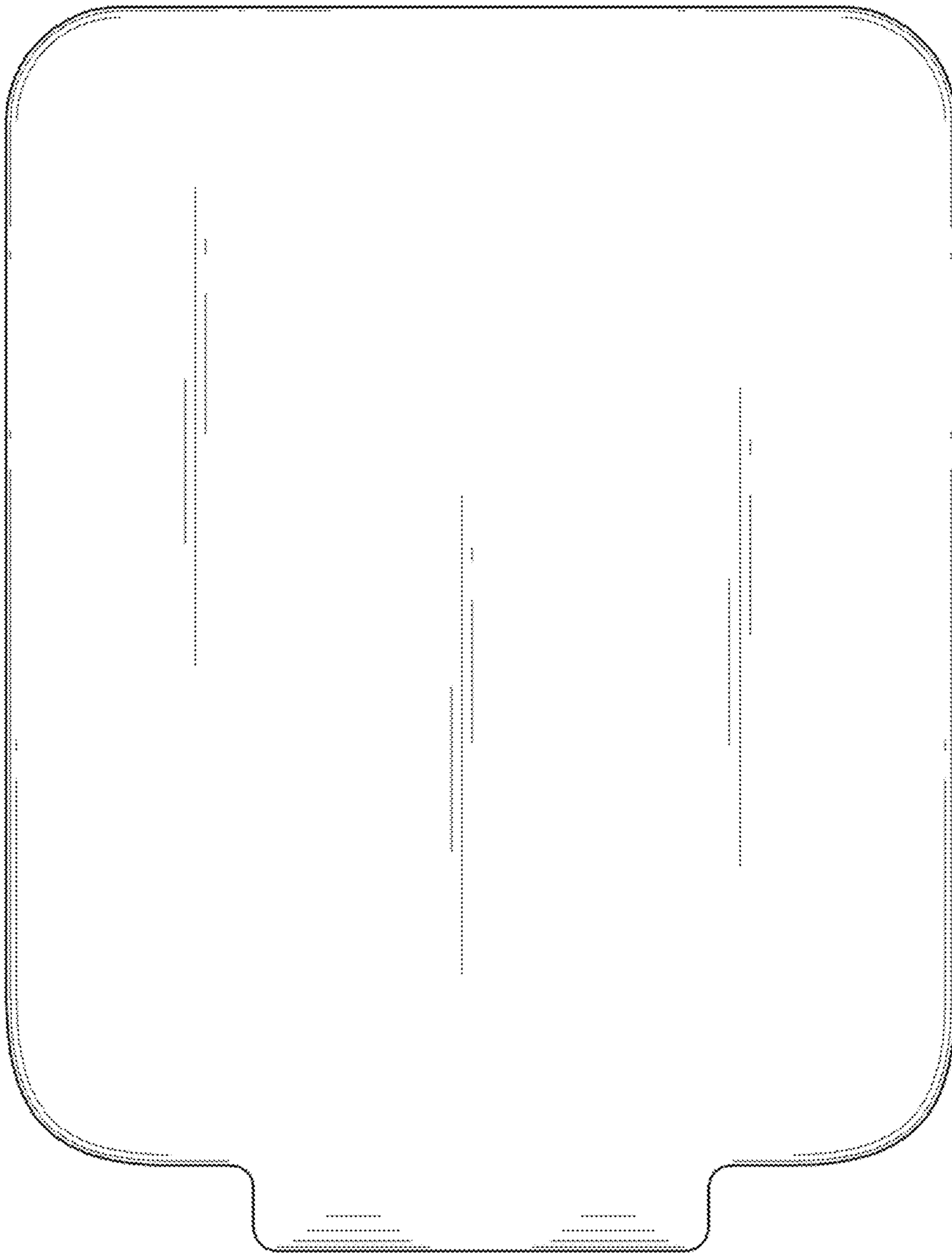
1.1



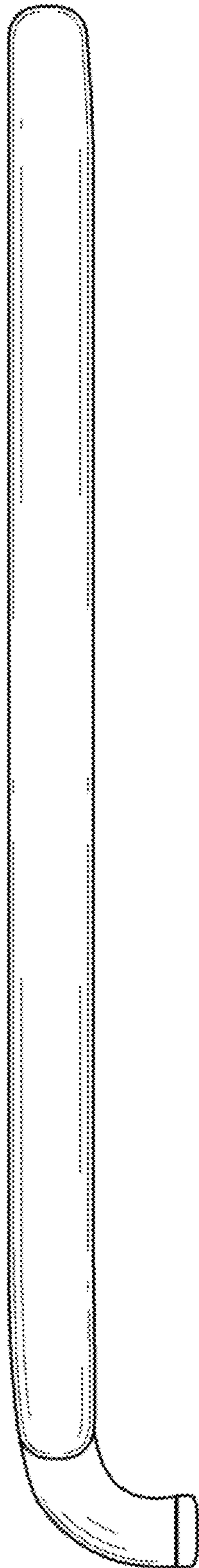
1.2



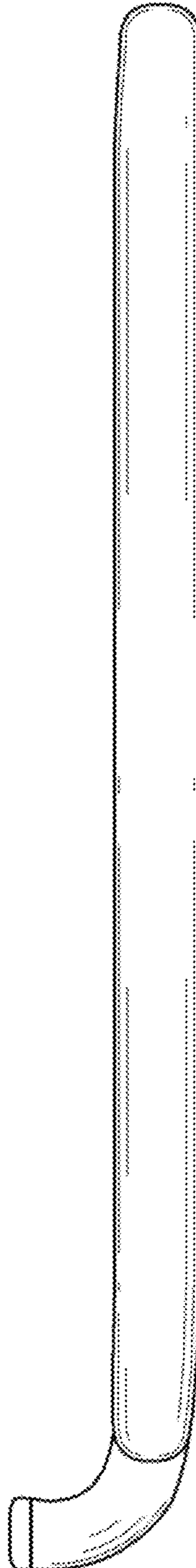
1.3



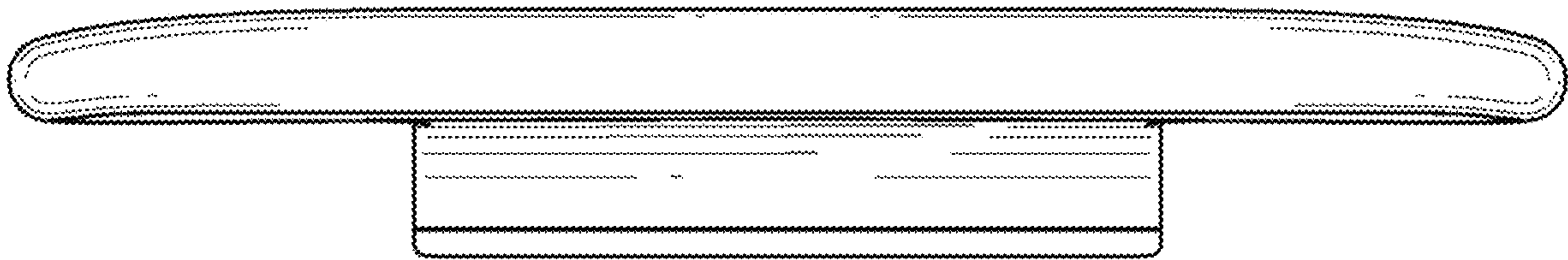
1.4



1.5



1.6



1.7

