



US00D983132S

(12) **United States Design Patent**
Liang

(10) **Patent No.:** **US D983,132 S**
(45) **Date of Patent:** **** Apr. 11, 2023**

- (54) **SOLAR ARRAY**
- (71) Applicant: **Generark Energy Inc.**, San Mateo, CA (US)
- (72) Inventor: **Anson Liang**, San Mateo, CA (US)
- (73) Assignee: **GENERARK ENERGY INC.**, San Mateo, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **35/002,032**
- (22) Filed: **May 8, 2021**

- (80) **Hague Agreement Data**
- Int. Filing Date: **May 8, 2021**
- Int. Reg. No.: **DM/217050**
- Int. Reg. Date: **May 8, 2021**
- Int. Reg. Pub. Date: **Nov. 5, 2021**

- (51) **LOC (14) Cl.** **13-02**
- (52) **U.S. Cl.**
USPC **D13/102**

- (58) **Field of Classification Search**
- USPC D13/102, 101, 103, 110, 107, 108, 199
- CPC H01L 31/00; H01L 31/042; H01L 31/045; H01L 31/048; H01L 31/052; H01L 31/0475; H01L 31/0485; H01M 10/052; H01M 10/465; H02S 30/10; H02S 30/20; H02S 10/40; Y02E 10/50; Y02E 10/52; Y02E 10/56; Y10S 136/291; Y10S 136/293; H02J 7/35
- See application file for complete search history.

- (56) **References Cited**
- U.S. PATENT DOCUMENTS
- 5,814,906 A * 9/1998 Spencer H02S 99/00 D13/102
- 6,650,085 B2 * 11/2003 Lau H02S 30/20 320/101

- D510,316 S * 10/2005 Hayakawa D13/102
- D754,598 S * 4/2016 Munshi D13/102
- D778,234 S * 2/2017 Cheung D13/102
- D827,564 S * 9/2018 Zhang D13/102
- D845,227 S * 4/2019 Wang D13/102
- D848,363 S * 5/2019 Bai D13/102
- 10,491,009 B2 * 11/2019 Gissin H02J 7/0013

(Continued)

Primary Examiner — Derrick E Holland

(57) **CLAIM**

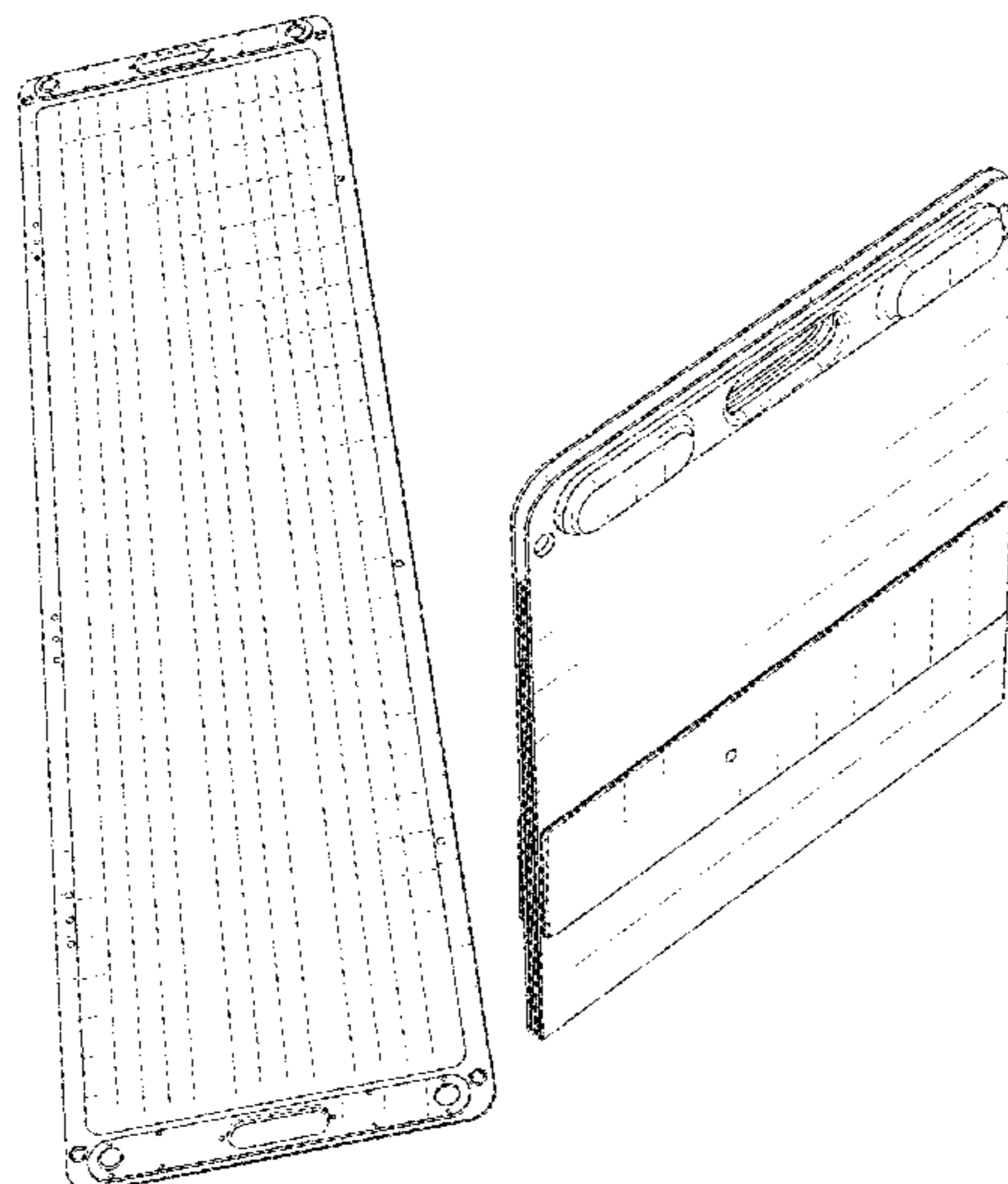
I claim the ornamental design for a solar array, substantially as shown and described.

DESCRIPTION

A portion of this document contains material to which a claim for copyright is made. The copyright owner does not object to the facsimile reproduction of the document.

- 1.1** is a front view of a solar array showing the new design in a first configuration, where the panels are in an open position;
- 1.2** is a back view of the first configuration;
- 1.3** is a top view of the first configuration;
- 1.4** is a bottom view of the first configuration;
- 1.5** is a top view of the first configuration;
- 1.6** is a bottom view of the first configuration;
- 1.7** is a left view of the first configuration;
- 1.8** is a right view of the first configuration;
- 1.9** is a front perspective view of the first configuration;
- 1.10** is a back perspective view of the first configuration;
- 2.1** is a front view of the solar array showing the new design in a second configuration, where the panels are in a folded position;
- 2.2** is a back view of the second configuration;
- 2.3** is a right view of the second configuration;
- 2.4** is a left view of the second configuration;
- 2.5** is a top view of the second configuration;
- 2.6** is a bottom view of the second configuration;
- 2.7** is a front perspective view of the second configuration; and
- 2.8** is a back perspective view of the second configuration.

1 Claim, 18 Drawing Sheets



(56)

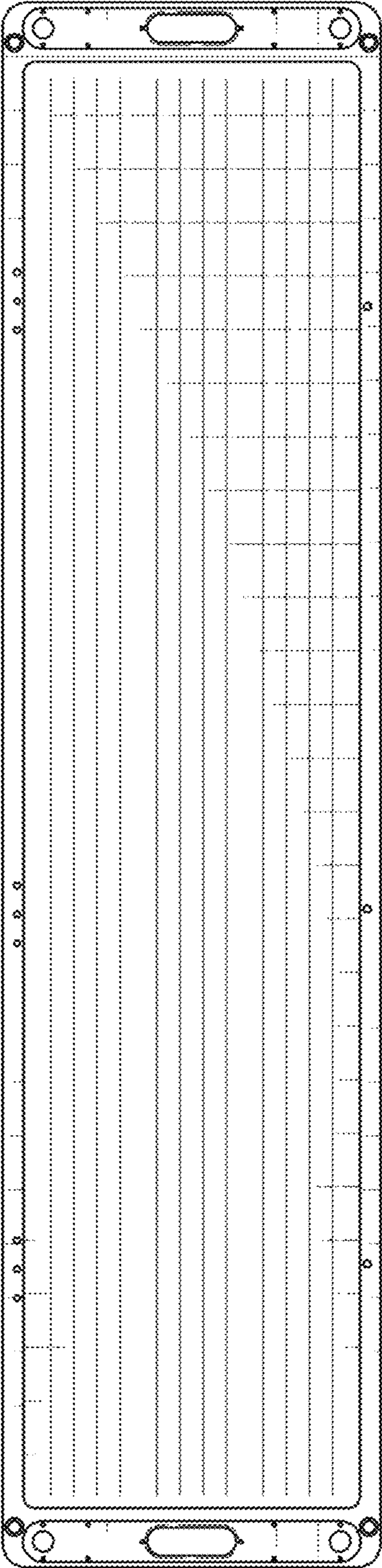
References Cited

U.S. PATENT DOCUMENTS

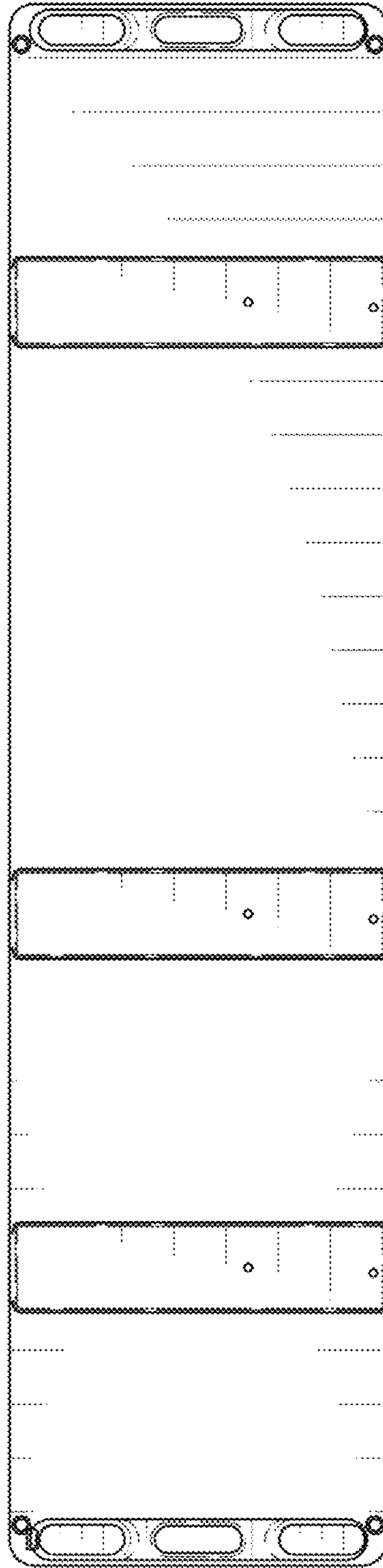
D900,018 S * 10/2020 Lu D13/102
D917,380 S * 4/2021 Gao D13/102
2013/0008483 A1* 1/2013 Chaney H02S 40/34
156/247
2017/0040932 A1* 2/2017 Lillywhite H02S 20/30

* cited by examiner

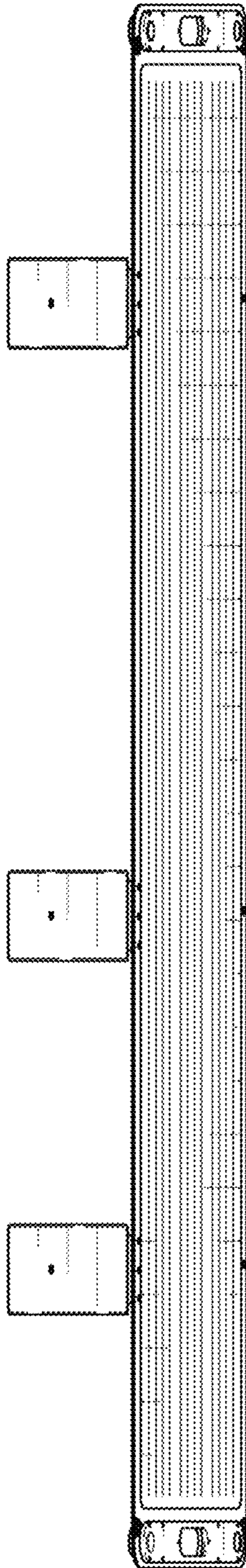
1.1



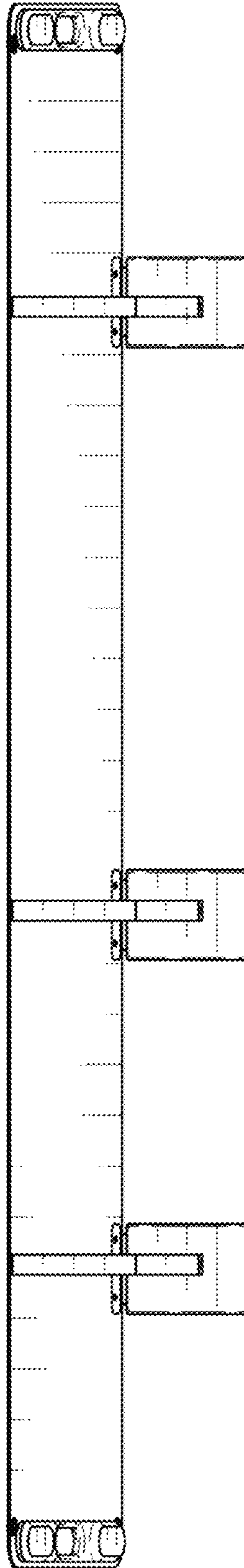
1.2



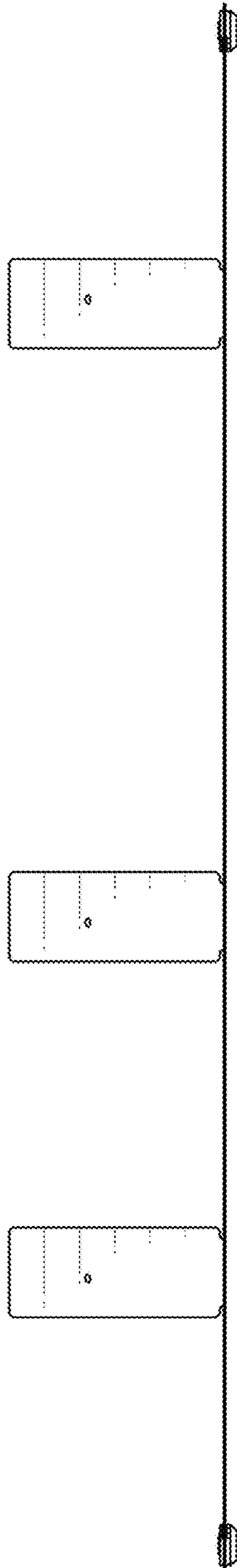
1.3



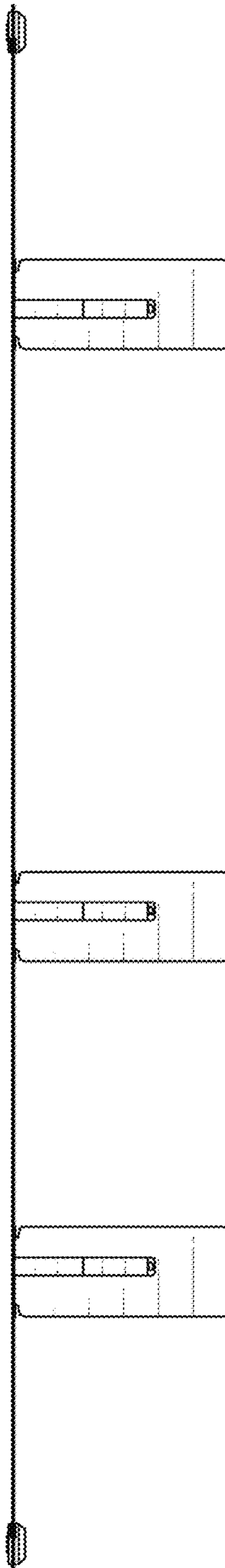
1.4



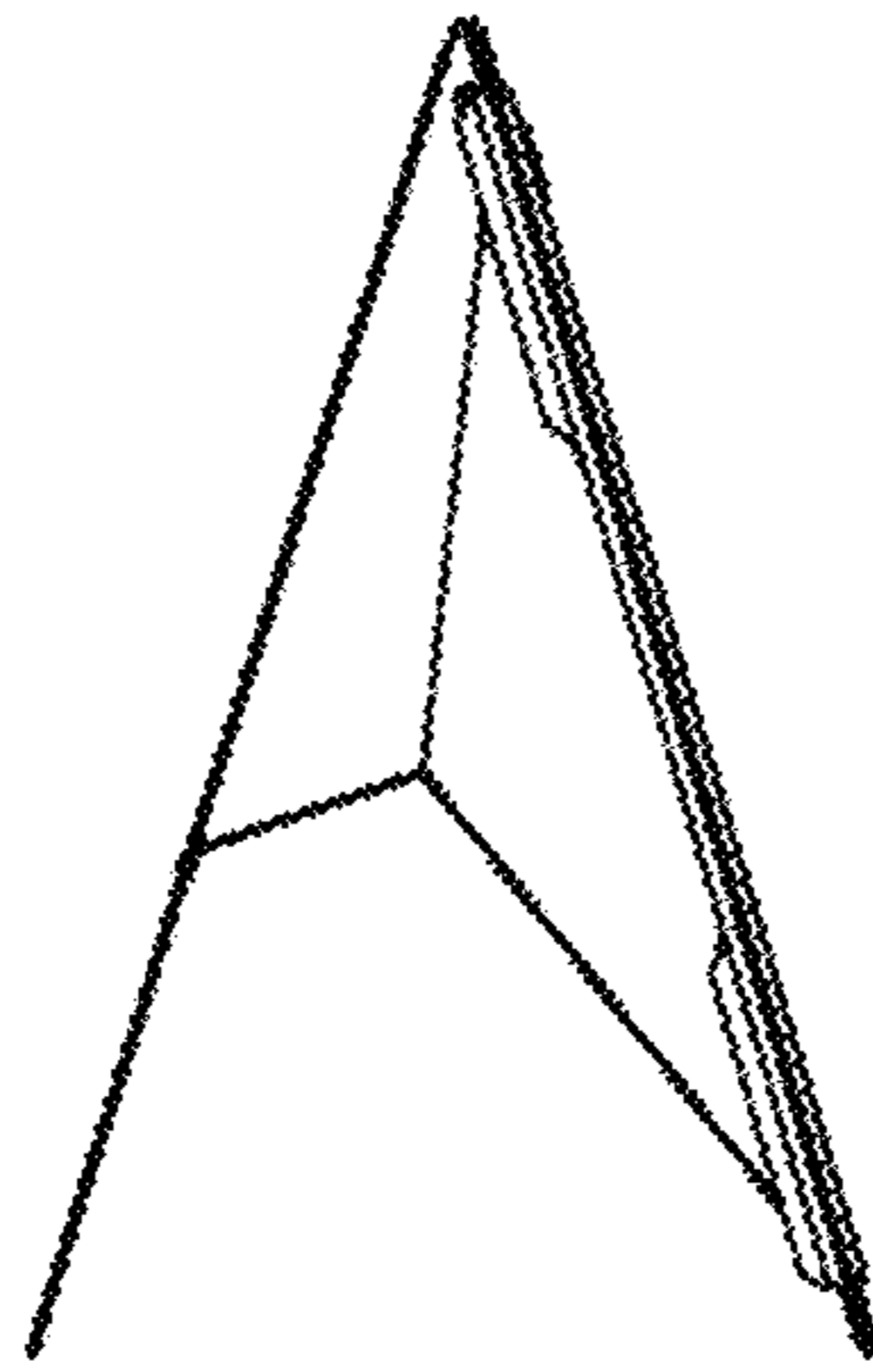
1.5



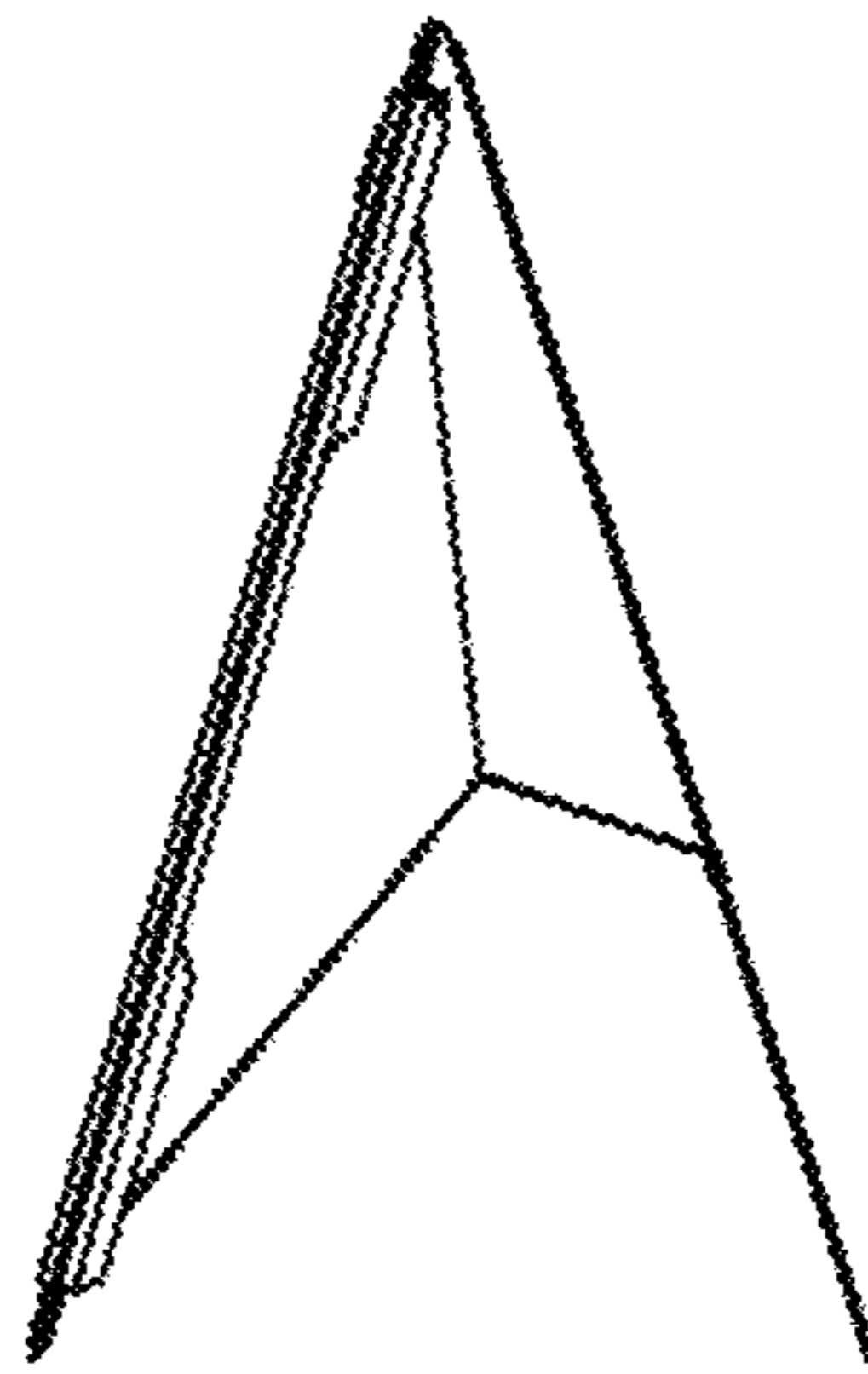
1.6



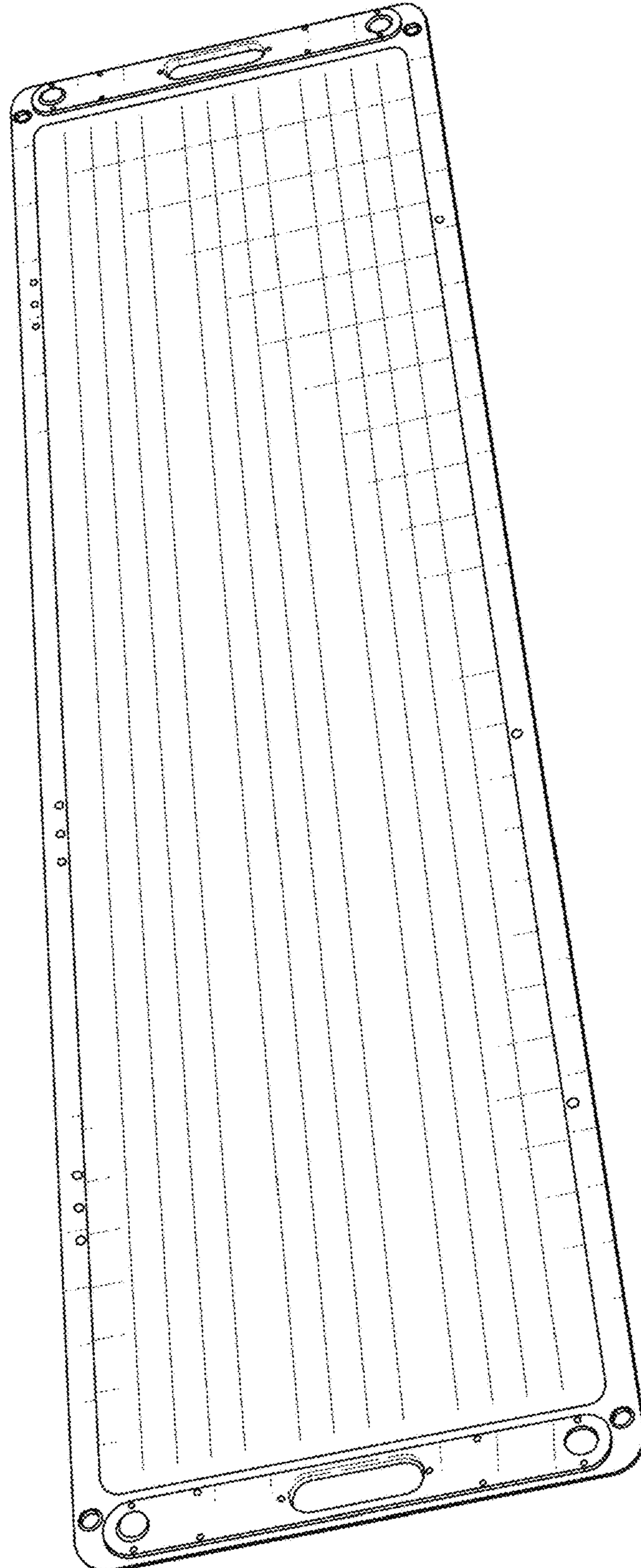
1.7



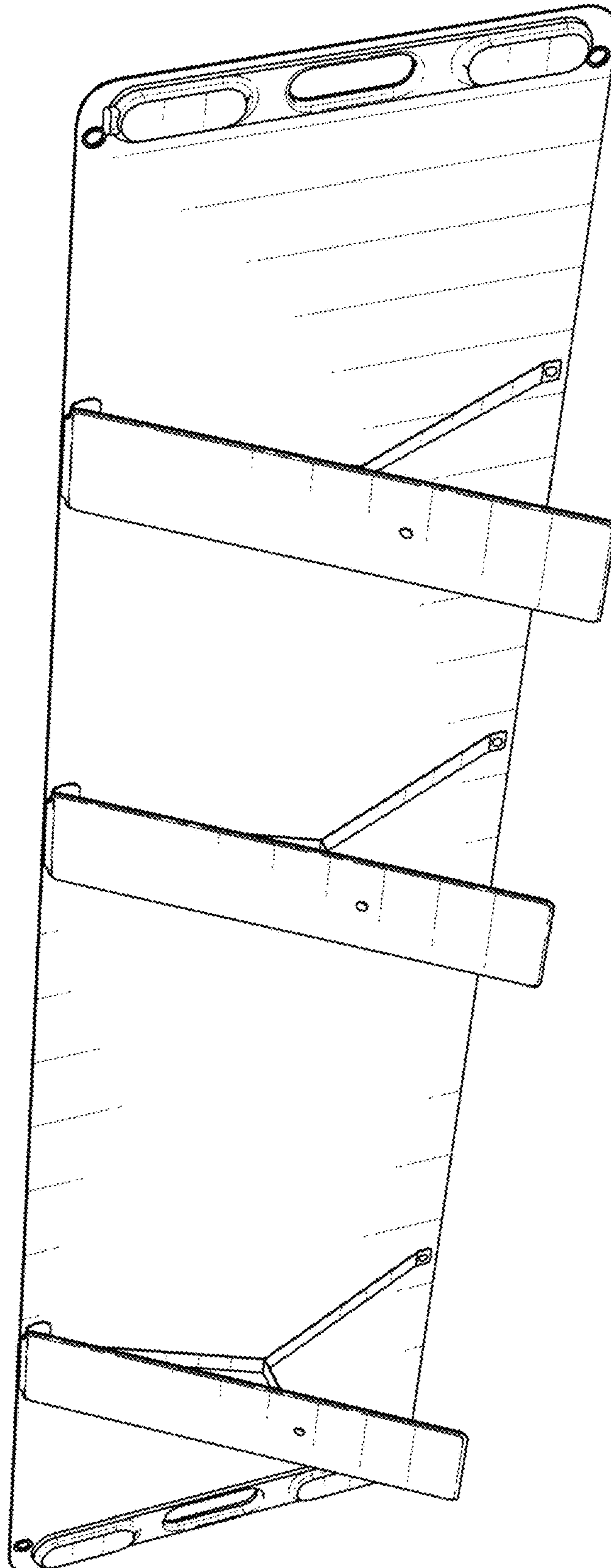
1.8



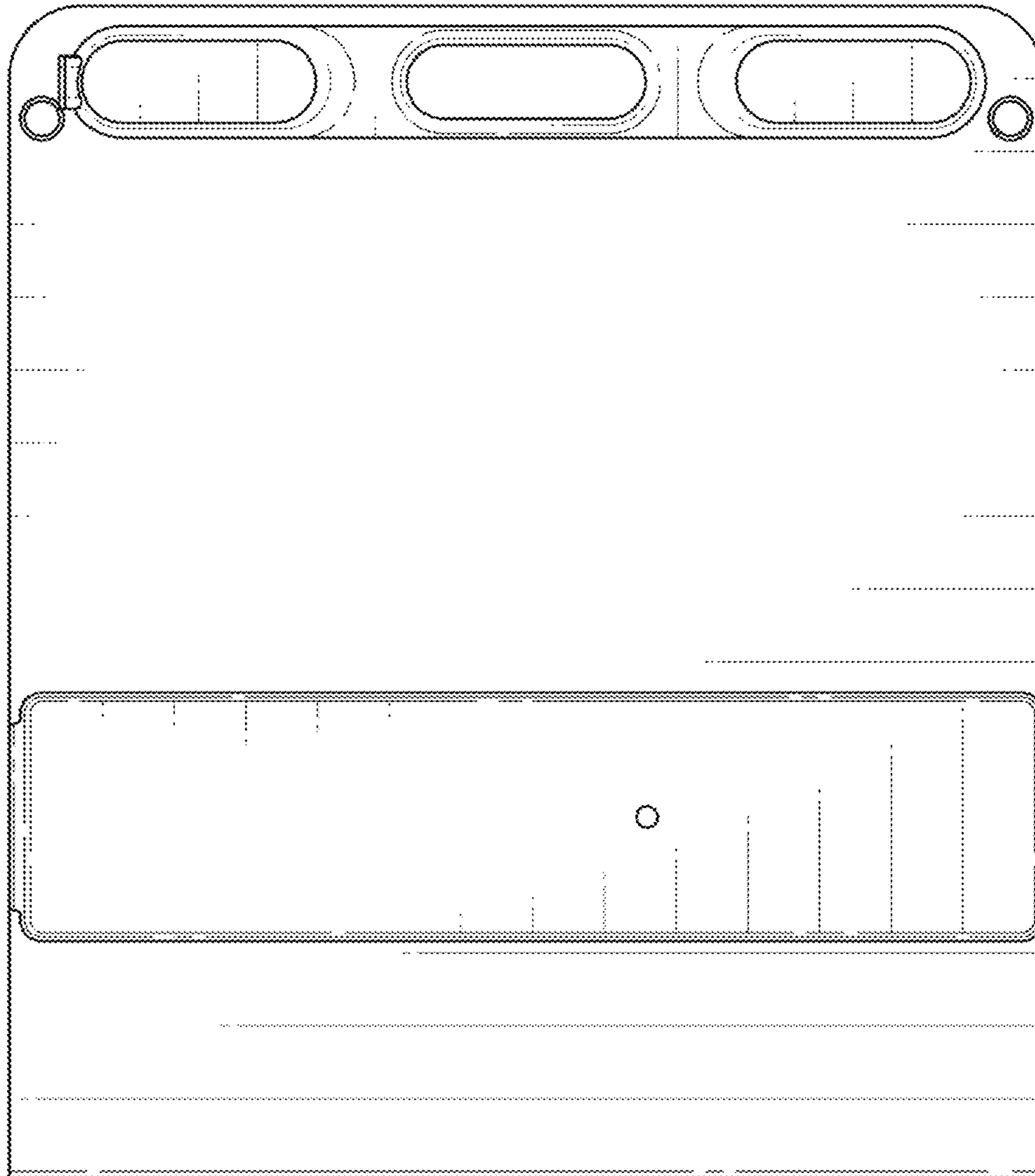
1.9



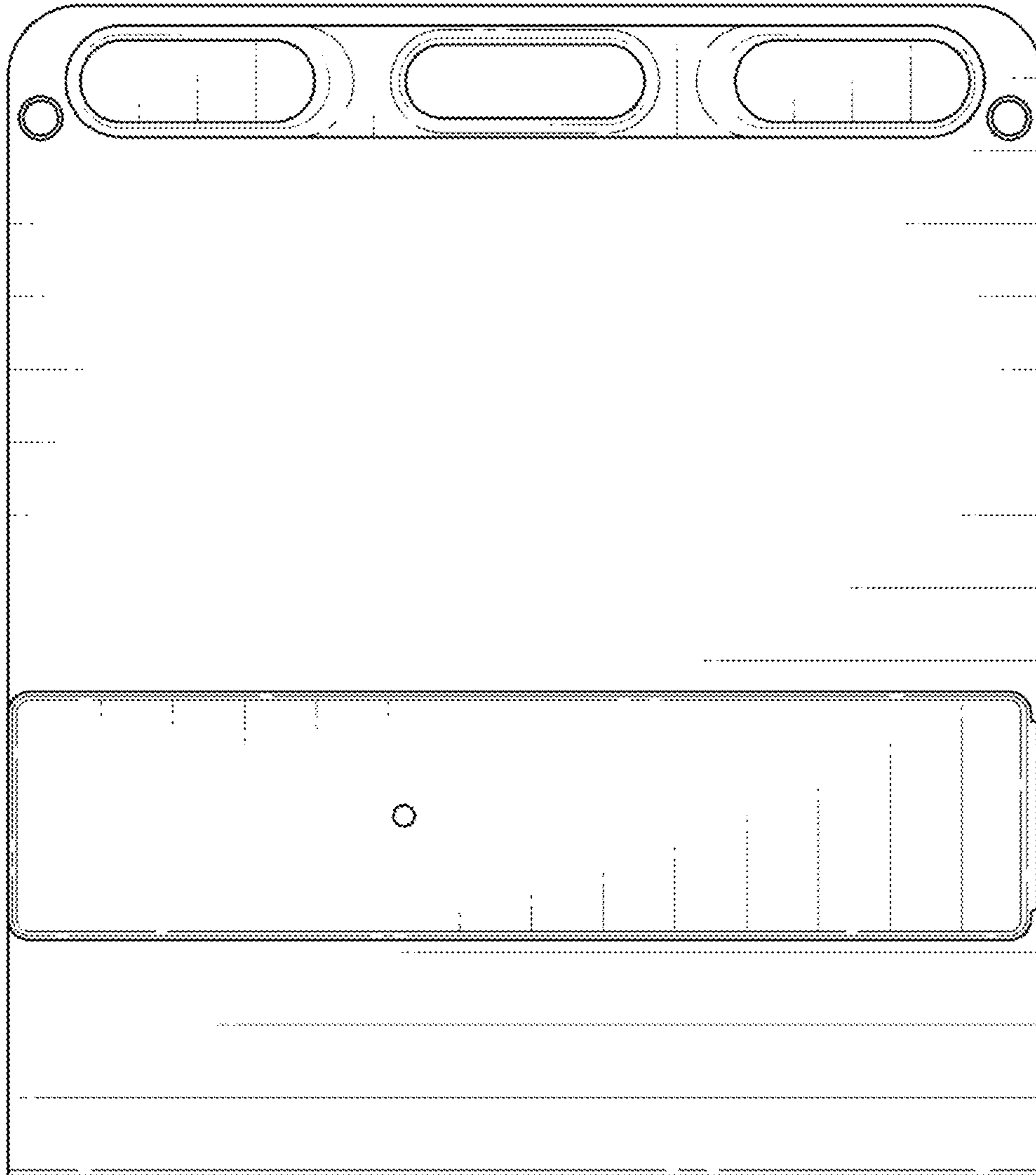
1.10



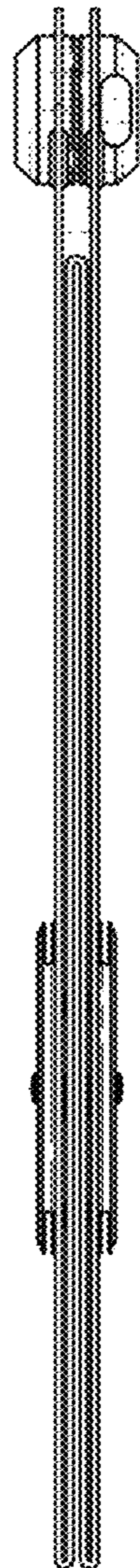
2.1



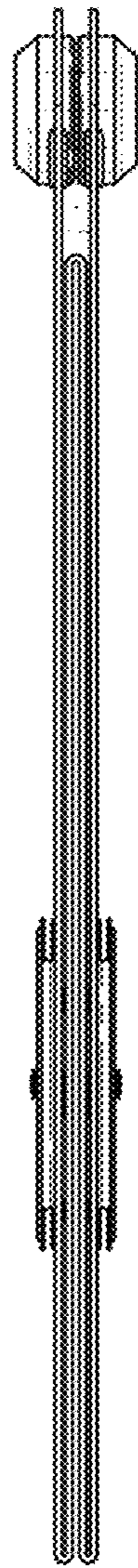
2.2



2.3



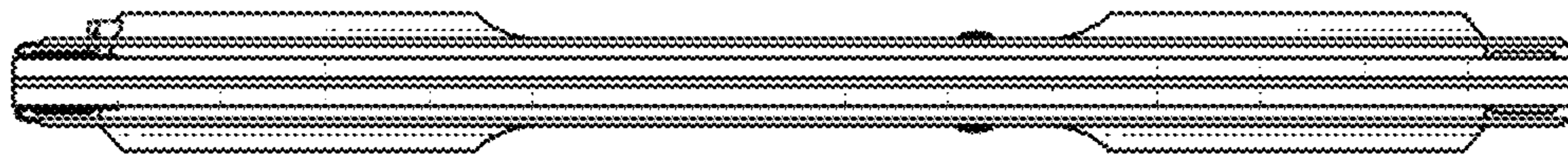
2.4



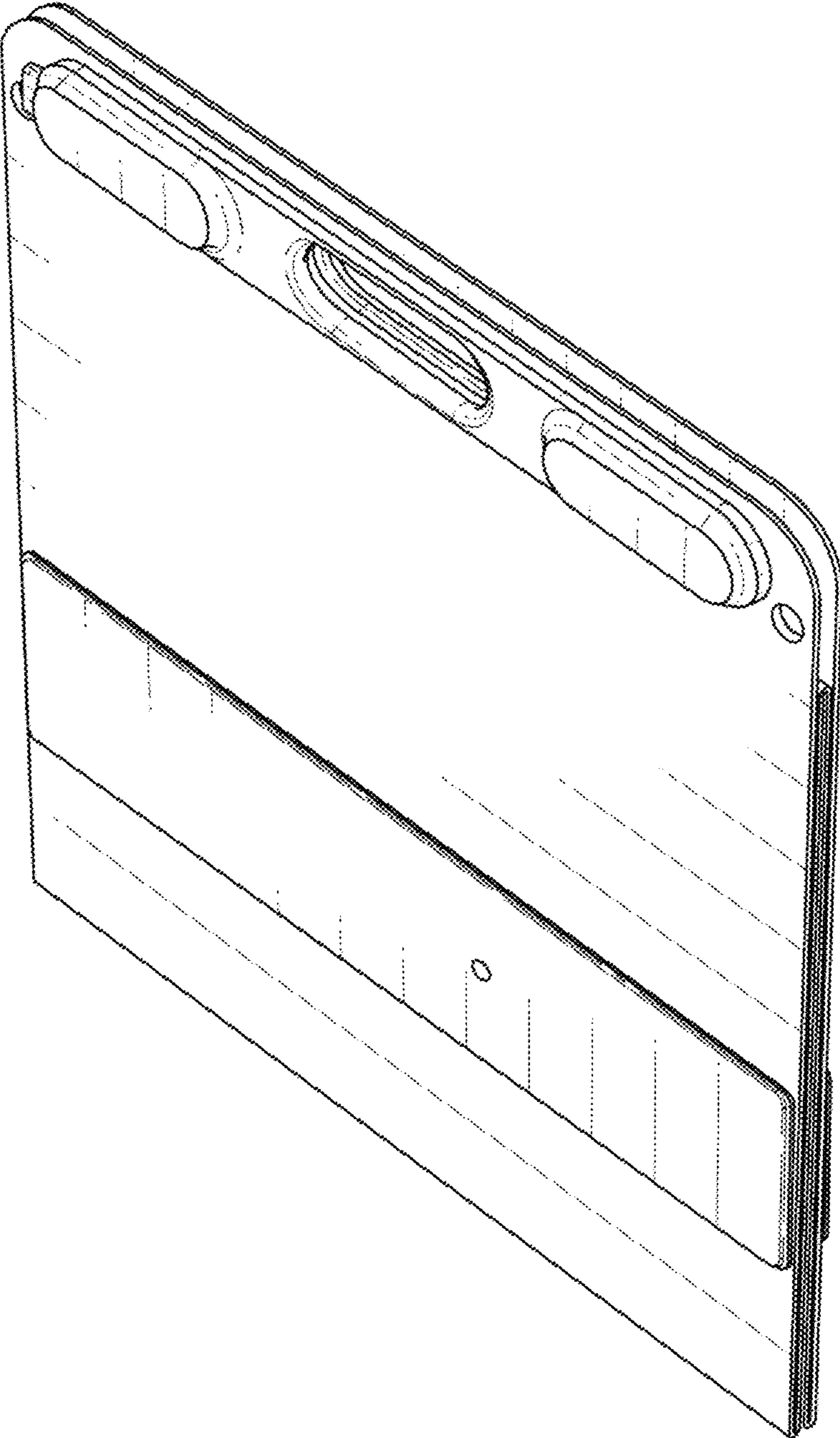
2.5



2.6



2.7



2.8

