



US00D879160S

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

(10) **Patent No.:** **US D879,160 S**

(45) **Date of Patent:** **** Mar. 24, 2020**

(54) **FOOT CONTROLLER FOR SEWING MACHINES**

(71) Applicant: **JUKI CORPORATION**, Tokyo (JP)

(72) Inventor: **Yuuko Takemoto**, Tama (JP)

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

(21) Appl. No.: **35/505,537**

(22) Filed: **Feb. 19, 2018**

(80) **Hague Agreement Data**

Int. Filing Date: **Feb. 19, 2018**

Int. Reg. No.: **DM/099970**

Int. Reg. Date: **Feb. 19, 2018**

Int. Reg. Pub. Date: **Aug. 24, 2018**

(30) **Foreign Application Priority Data**

Sep. 22, 2017 (JP) 2017-020725

(51) **LOC (12) Cl.** **15-06**

(52) **U.S. Cl.**

USPC **D15/78**

CPC **E05B 1/00** (2013.01)

(58) **Field of Classification Search**

USPC D15/66-78; D13/167; 112/217.2, 217.4,
112/270, 277, 275; 84/426, 229

CPC E05B 1/00-1/26

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D246,649 S * 12/1977 Braaten D13/167

D249,505 S * 9/1978 Di Bonaventura D13/167

D260,524 S * 9/1981 Satoh D13/167

4,299,182 A * 11/1981 Tanaka D05B 69/18
112/277

D264,848 S * 6/1982 Hanyu D13/167

D271,106 S * 10/1983 Hanyu D15/72

D332,103 S * 12/1992 Off D15/72

5,540,160 A * 7/1996 Rea A47B 83/02
108/147

D476,630 S * 7/2003 Moll D13/167

D478,874 S * 8/2003 Moll D13/167

D695,794 S * 12/2013 Asano D15/72

* cited by examiner

Primary Examiner — Richard E Chilcot

(57) **CLAIM**

The ornamental design for a foot controller for sewing machines, as shown and described.

DESCRIPTION

1. Foot controller for sewing machines

1.1 : Perspective

1.2 : Front

1.3 : Back

1.4 : Left

1.5 : Right

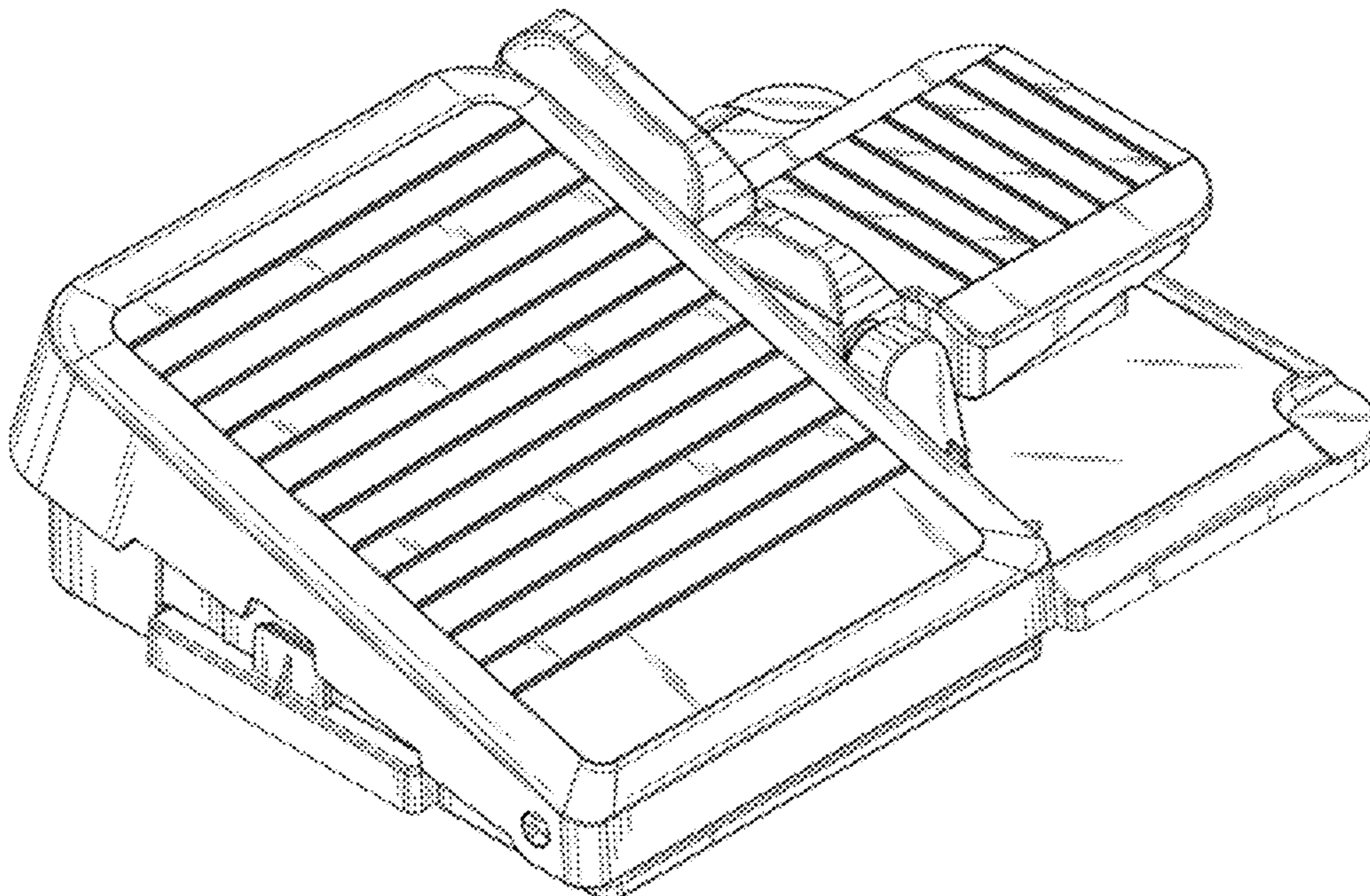
1.6 : Top

1.7 : Bottom

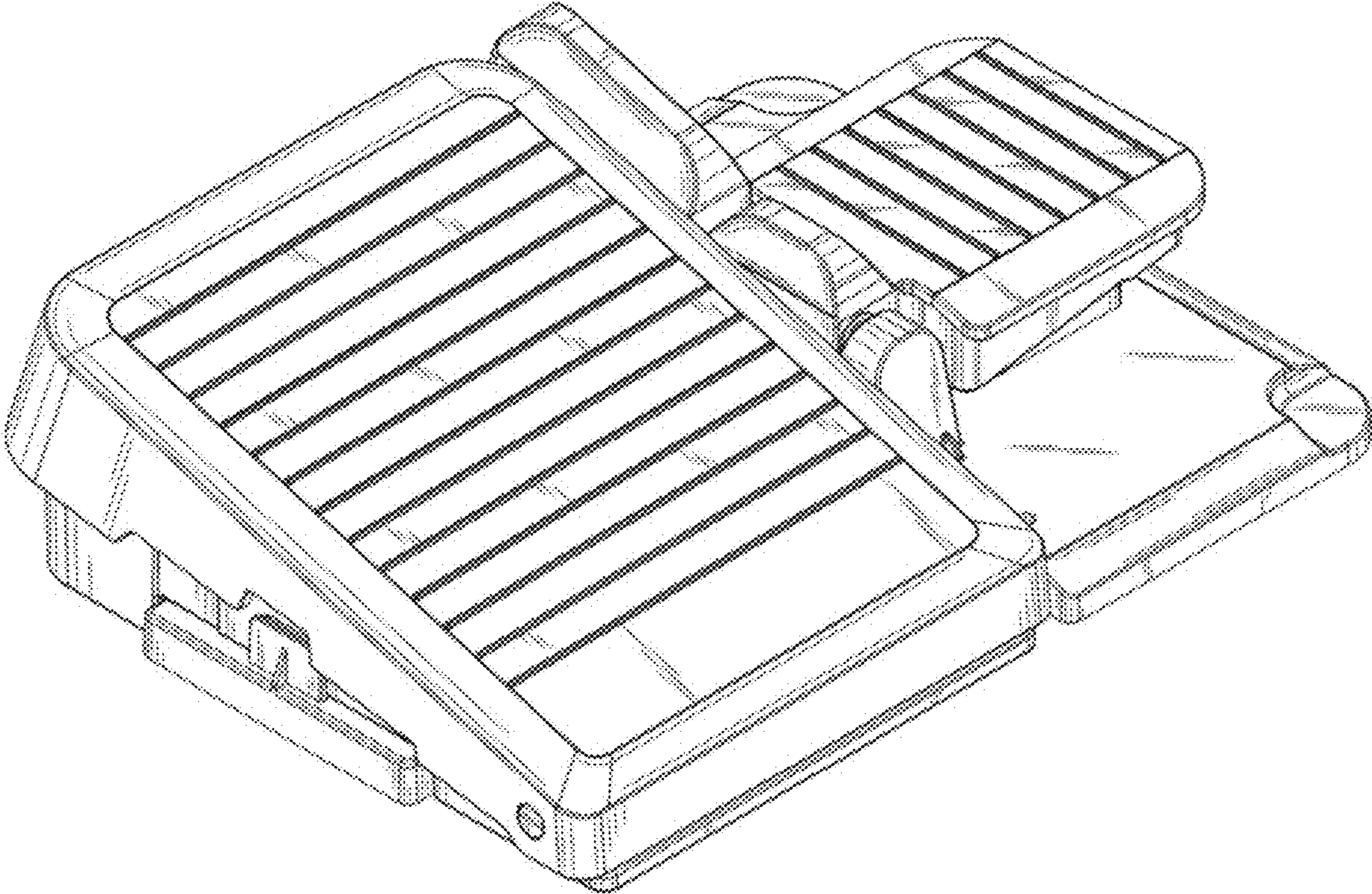
1.8 : Perspective

1.9 : Perspective showing an alternative arrangement of parts of the foot controller for sewing machines

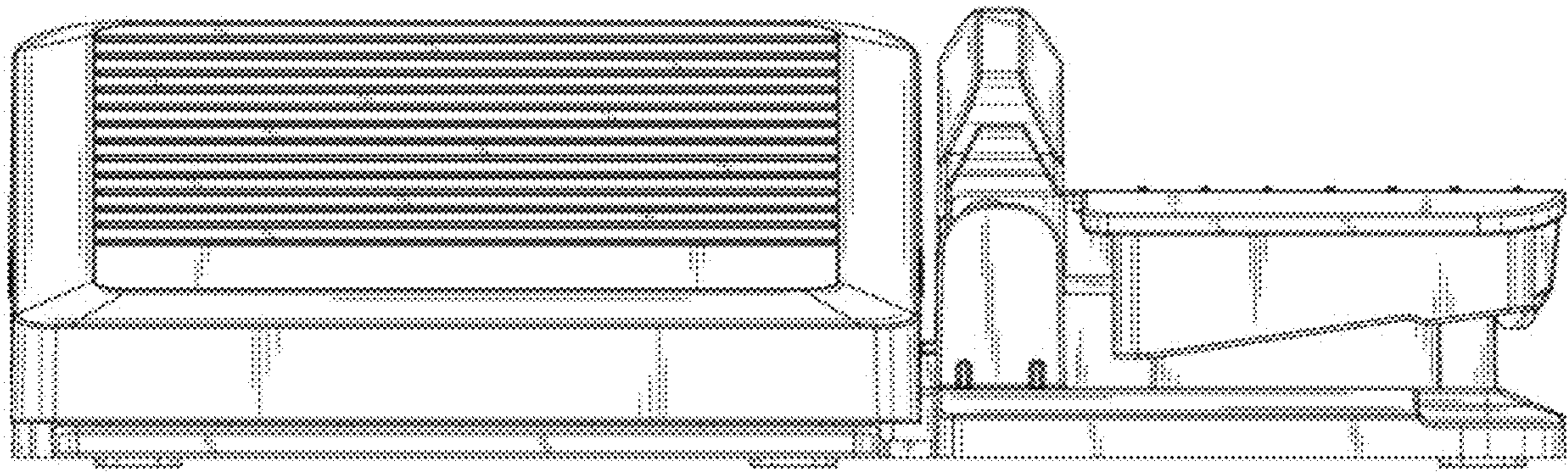
1 Claim, 9 Drawing Sheets



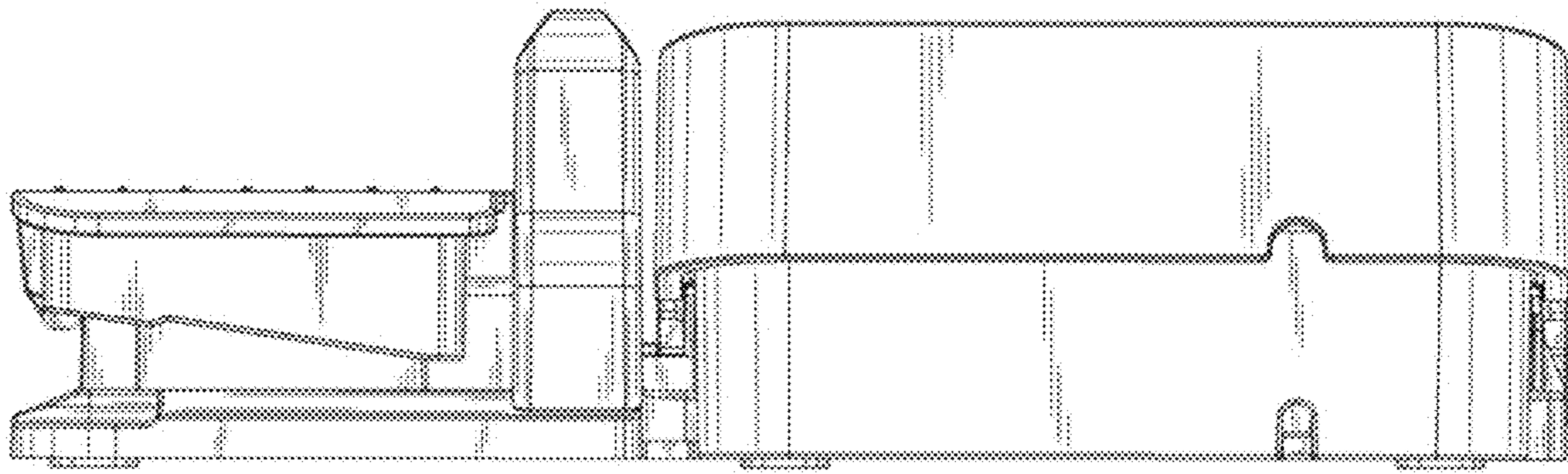
1.1



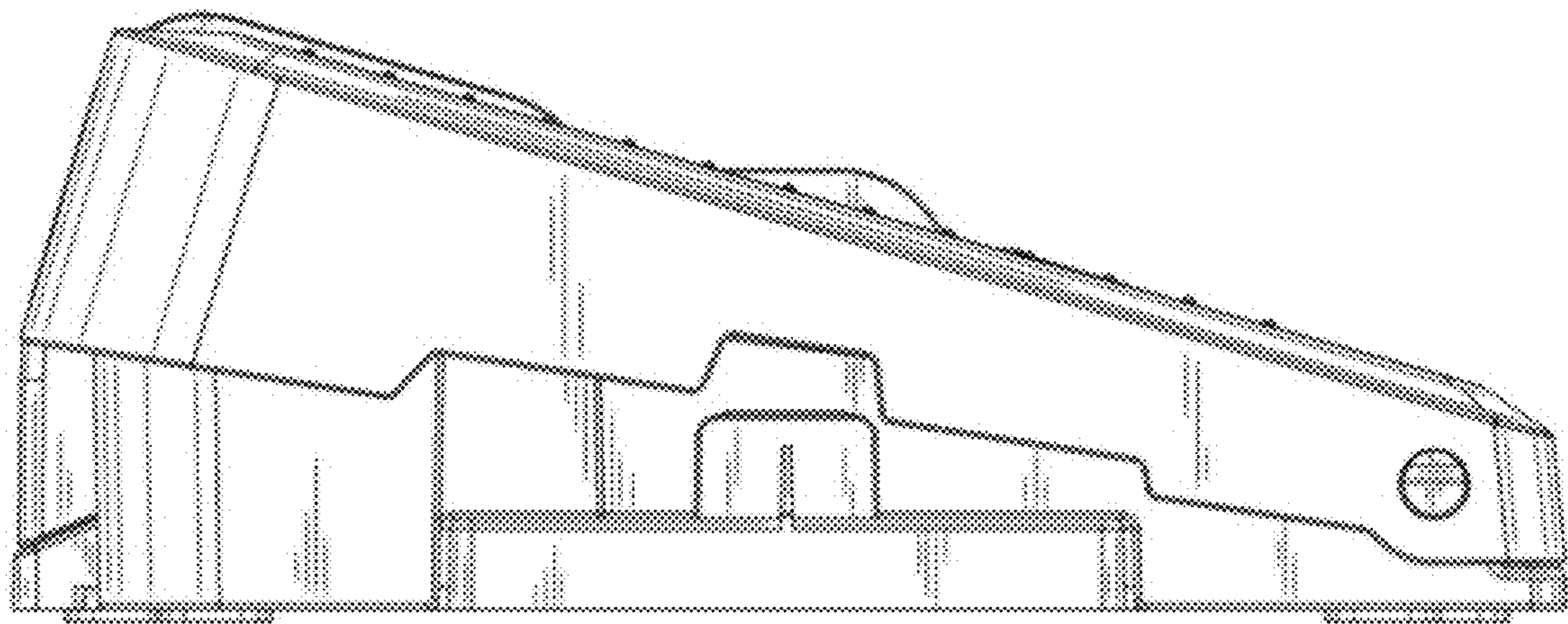
1.2



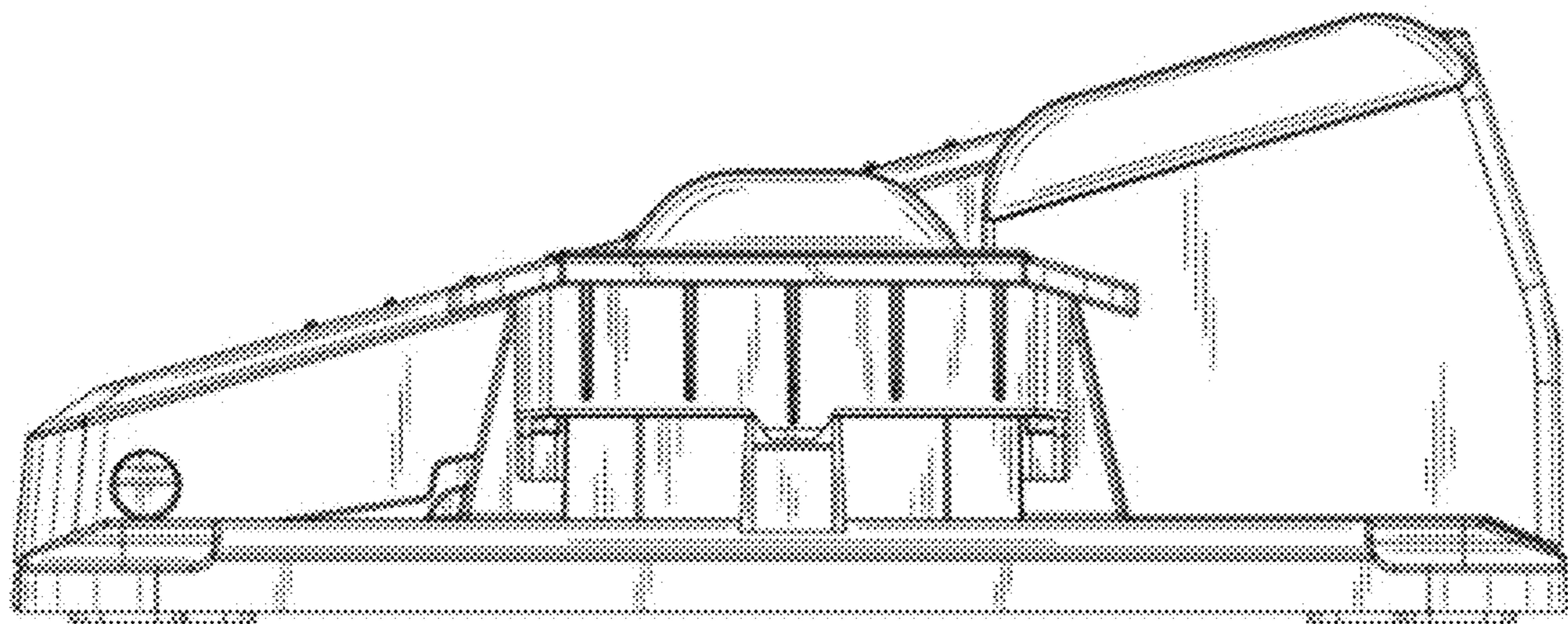
1.3



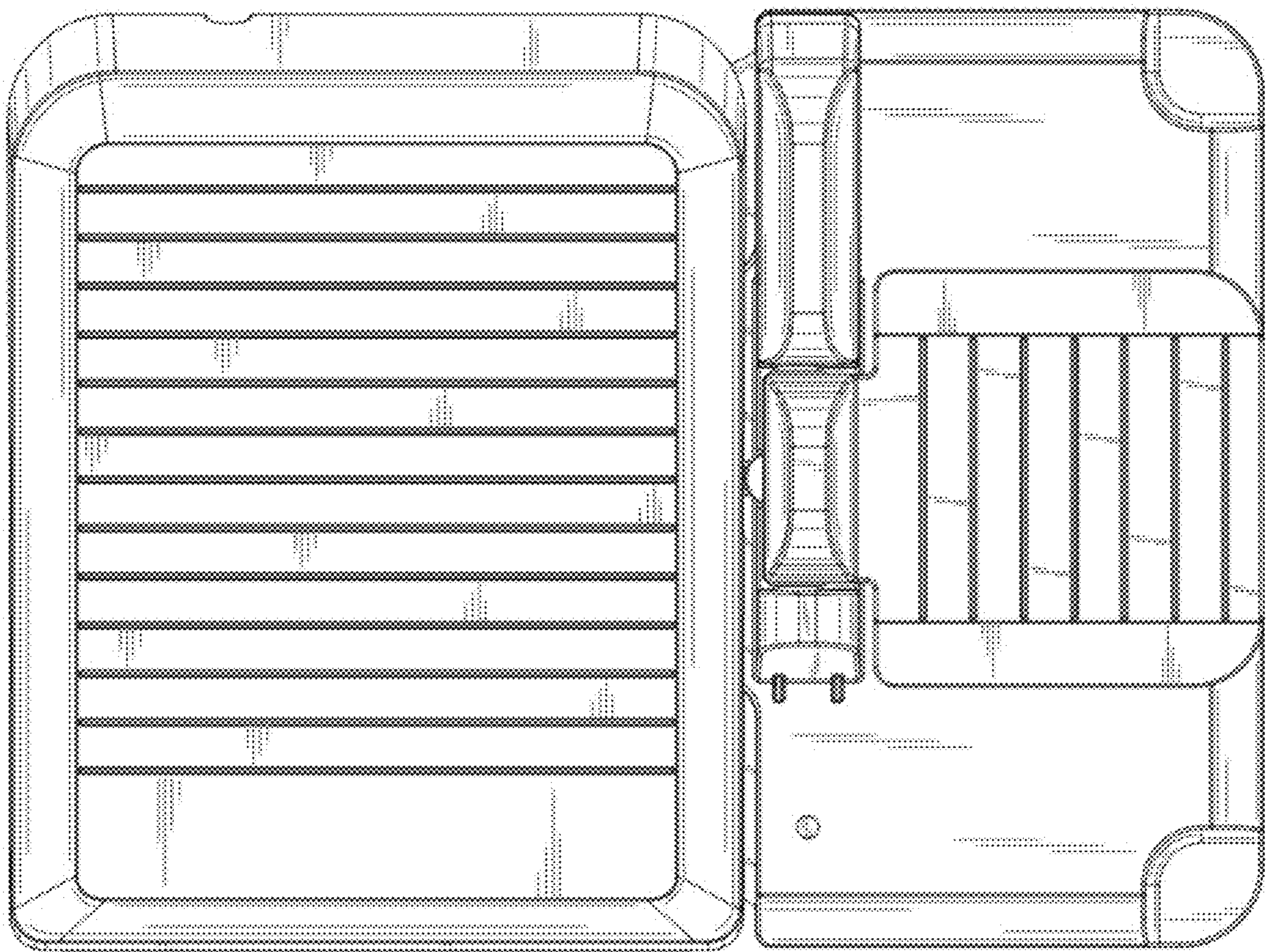
1.4



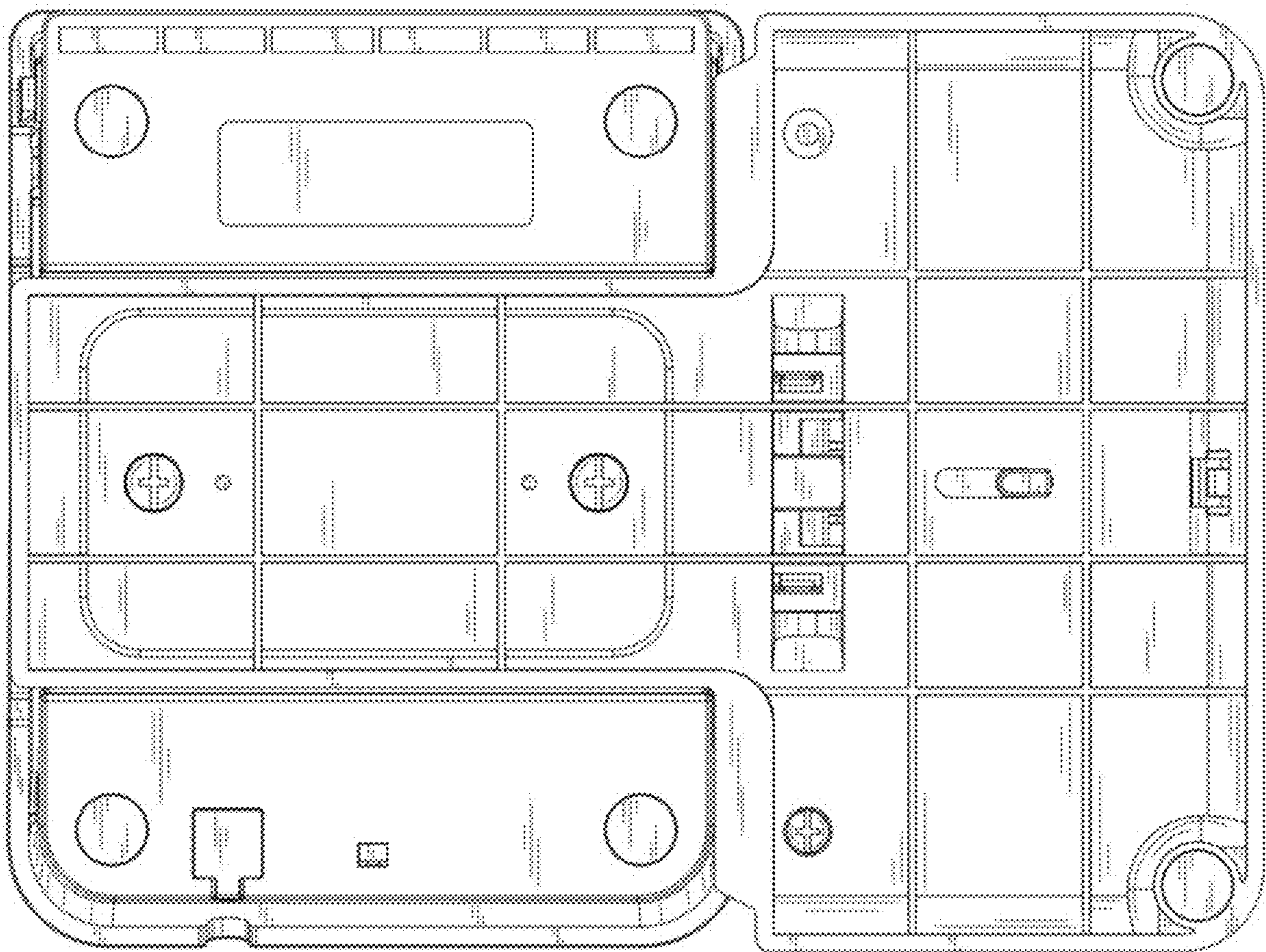
1.5



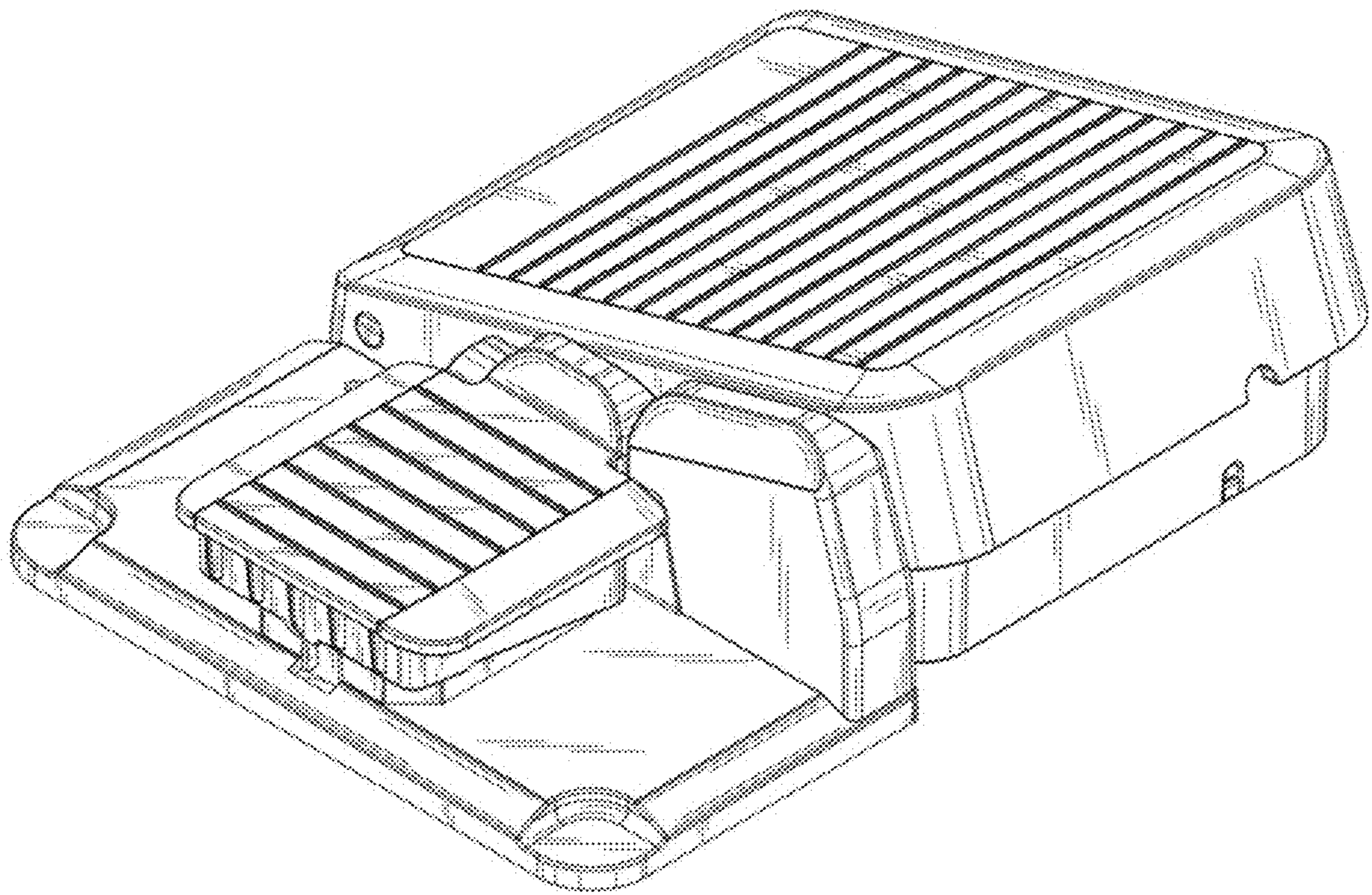
1.6



1.7



1.8



1.9

