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(12) **United States Design Patent** (10) **Patent No.:** **US D829,582 S**
Hirose et al. (45) **Date of Patent:** **** Oct. 2, 2018**

(54) **SPECTROMETER**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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Yokino, Hamamatsu (JP); **Katsuhiko**
Kato, Hamamatsu (JP)

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

Primary Examiner — George D. Kirschbaum

(21) Appl. No.: **35/503,193**

(57) **CLAIM**

(22) Filed: **Dec. 13, 2016**

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

(80) **Hague Agreement Data**

DESCRIPTION

Int. Filing Date: **Dec. 13, 2016**
Int. Reg. No.: **DM/093922**
Int. Reg. Date: **Dec. 13, 2016**
Int. Reg. Pub. Date: **Jun. 16, 2017**

1. Spectrometer
1.1 : Perspective
1.2 : Front
1.3 : Back
1.4 : Top
1.5 : Bottom
1.6 : Left
1.7 : Right
1.8 : Partial enlarged cross-sectional view
1.9 : Partial enlarged front view
1.10 : Partial enlarged perspective view

(30) **Foreign Application Priority Data**

Jun. 14, 2016 (JP) 2016-012714

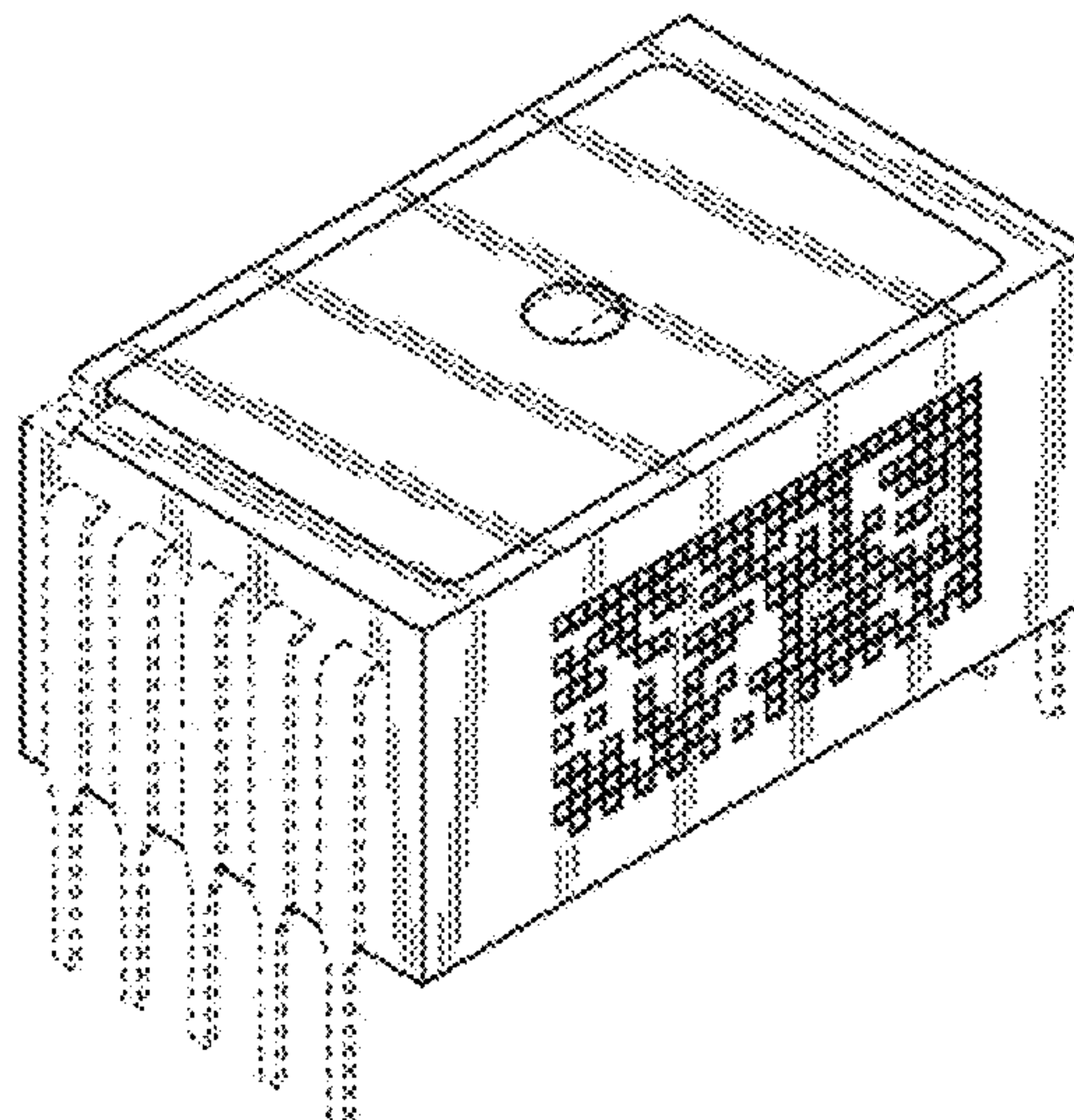
(51) **LOC (11) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/81**

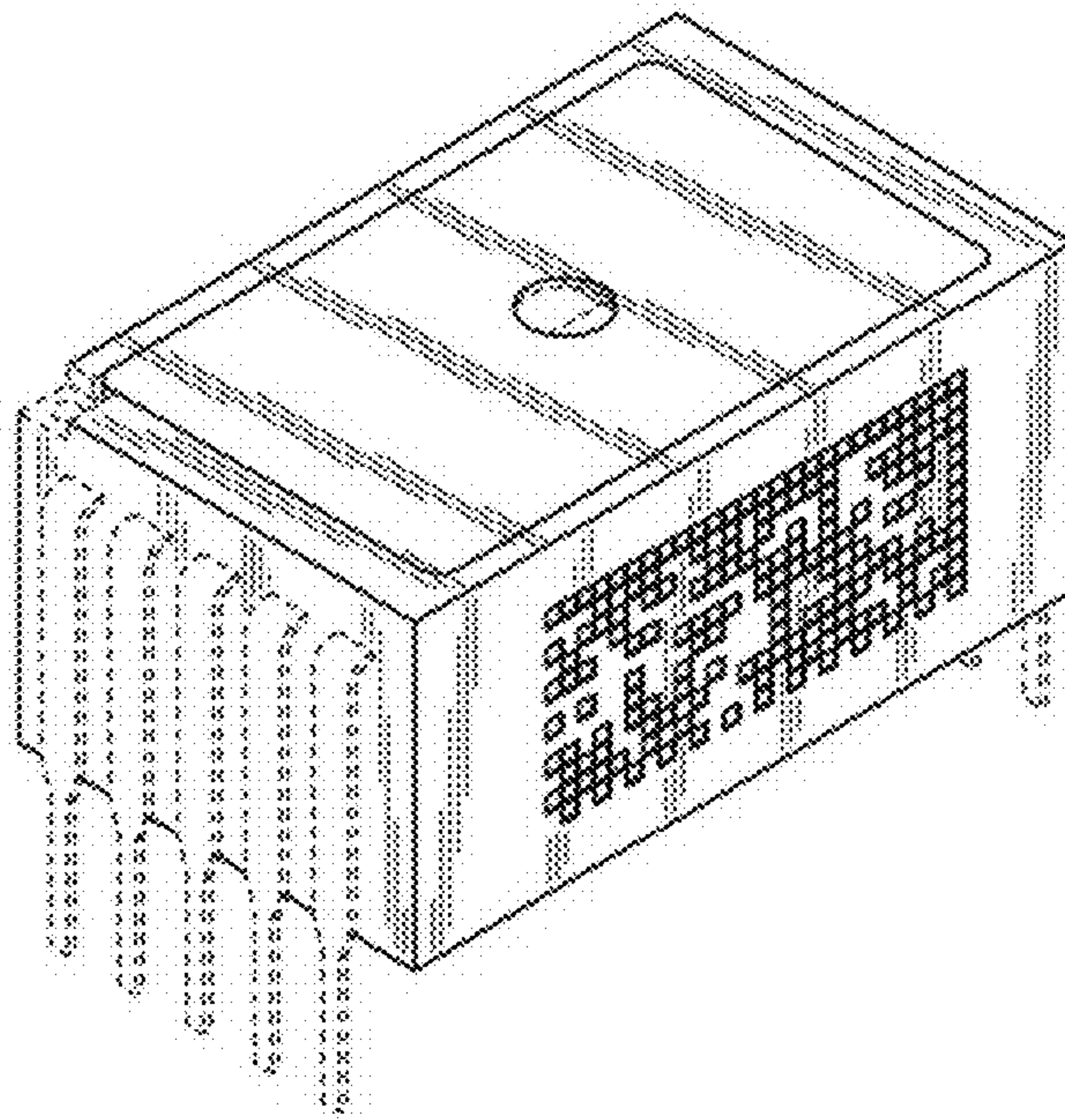
(58) **Field of Classification Search**
USPC D10/81, 47; D13/158, 159, 160
CPC G01J 3/0256; G01N 21/67
See application file for complete search history.

The broken line showing is included for the purpose of illustrating portions of the “article” and forms no part of the claimed design.

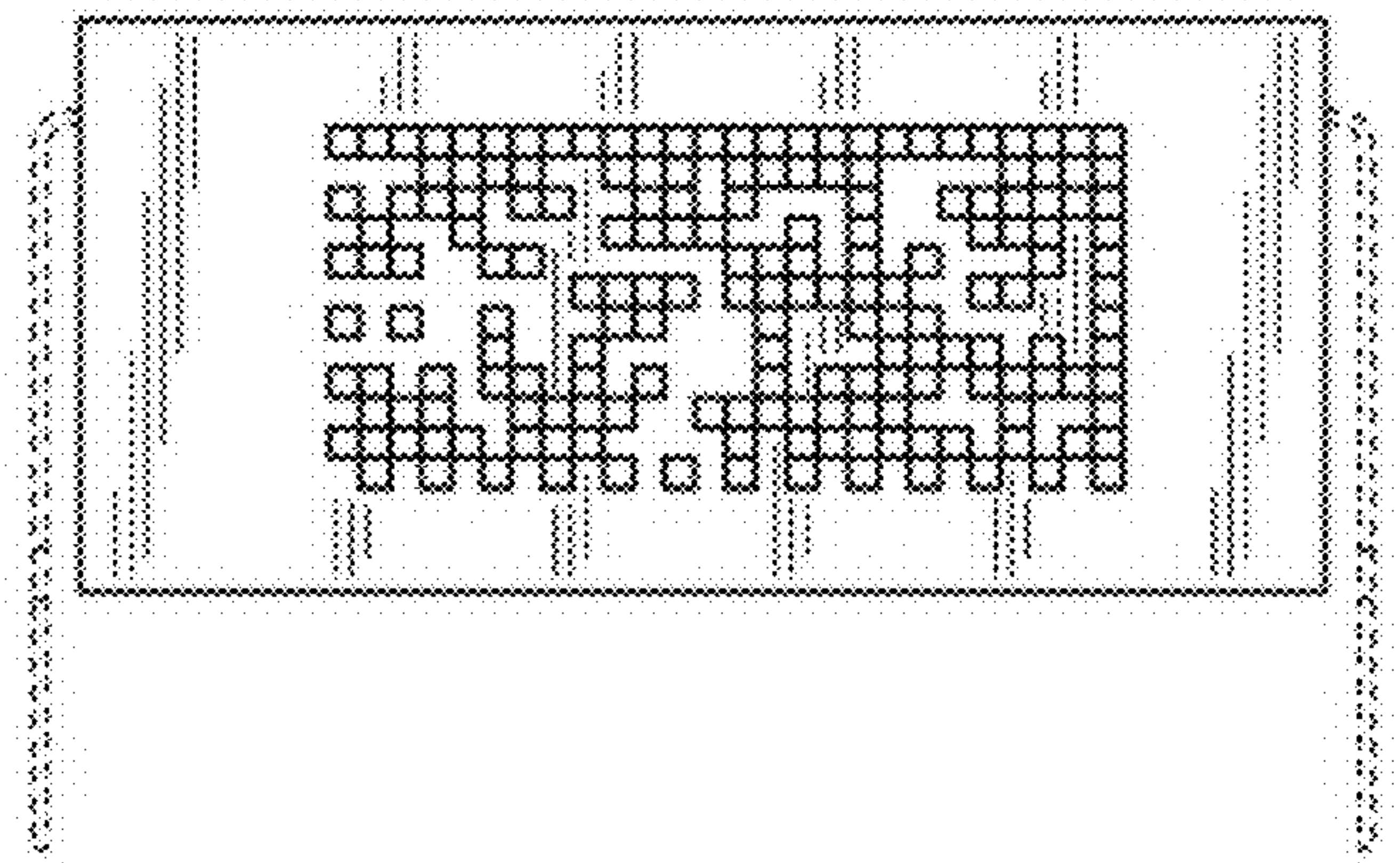
1 Claim, 10 Drawing Sheets



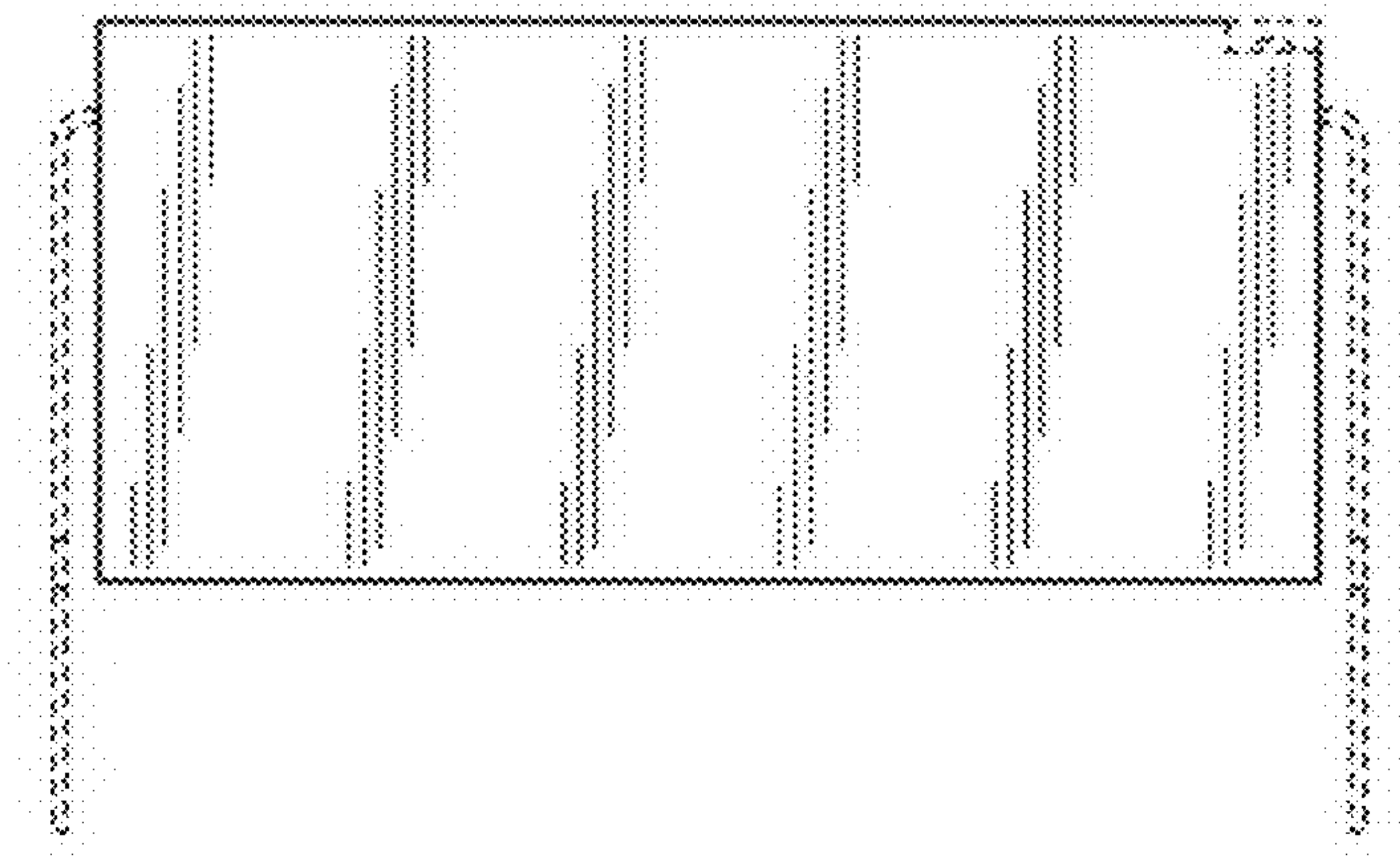
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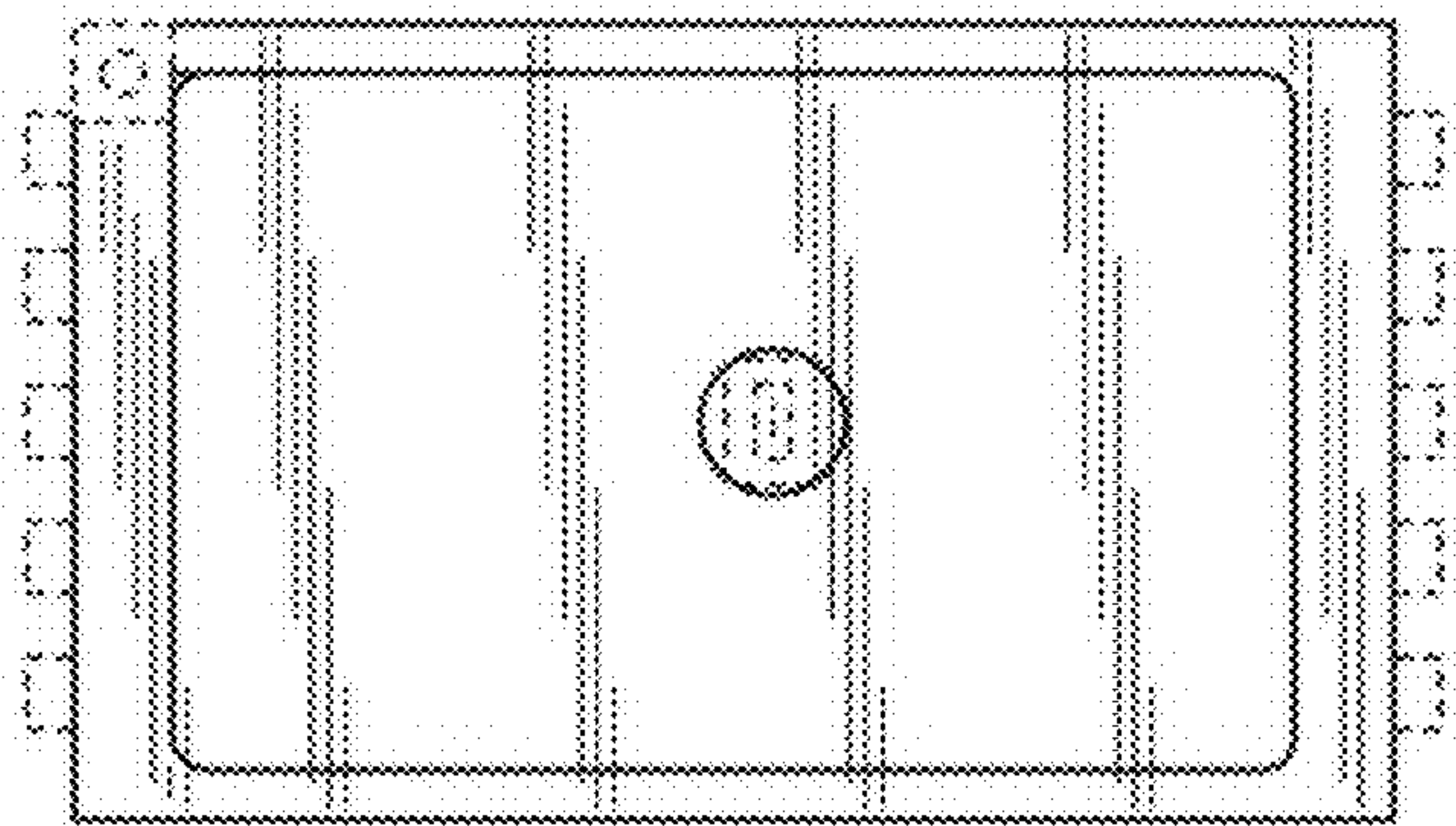
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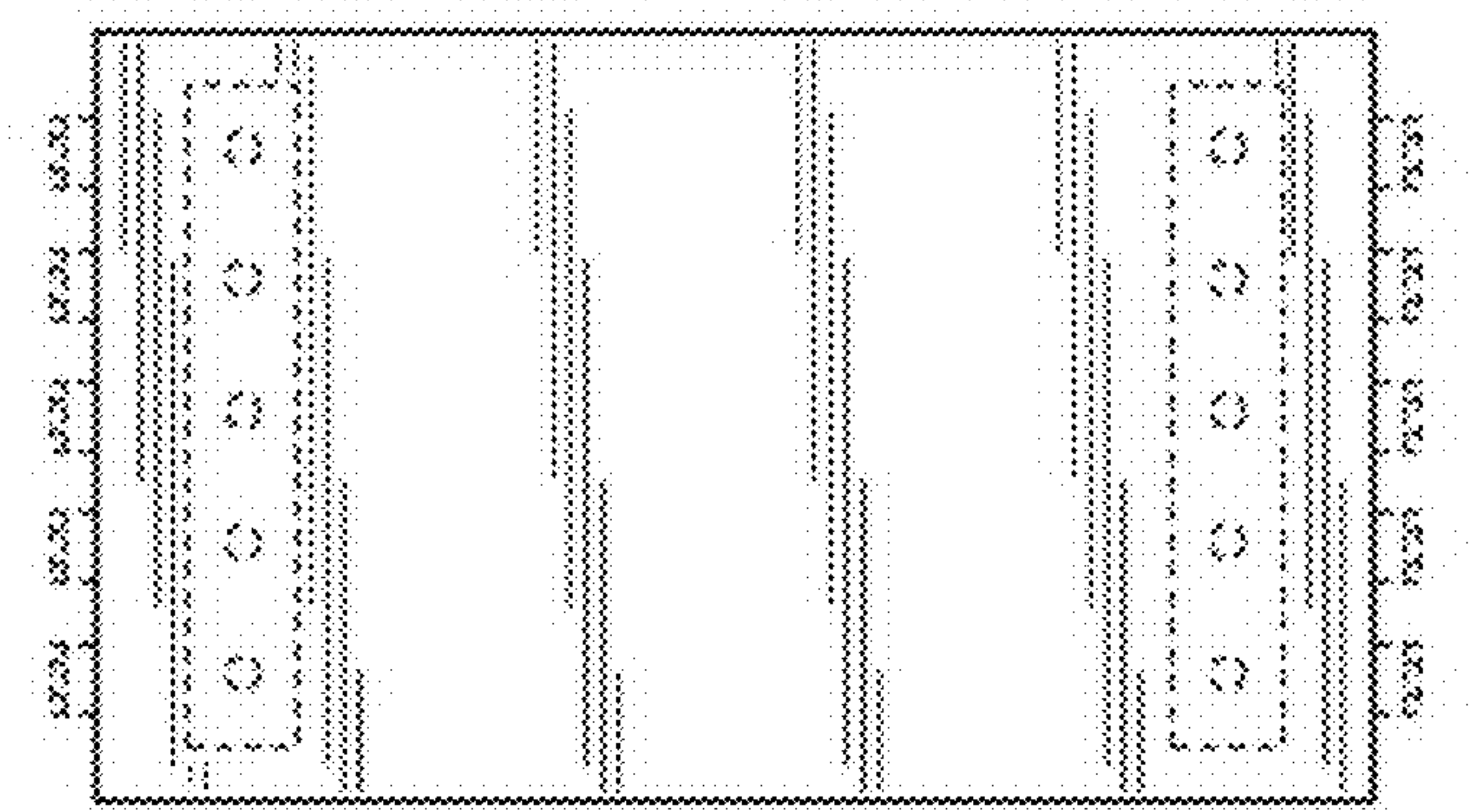
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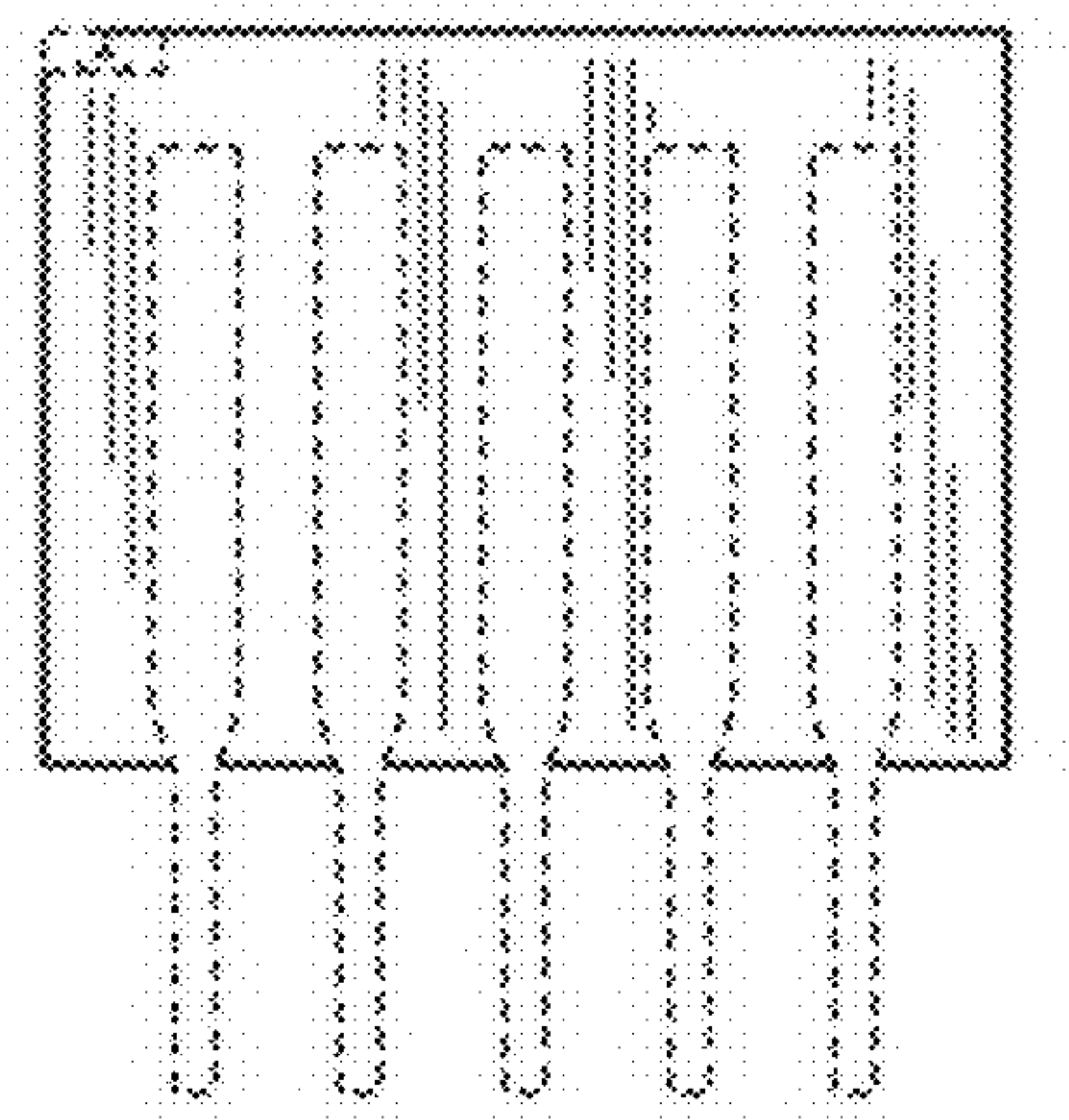
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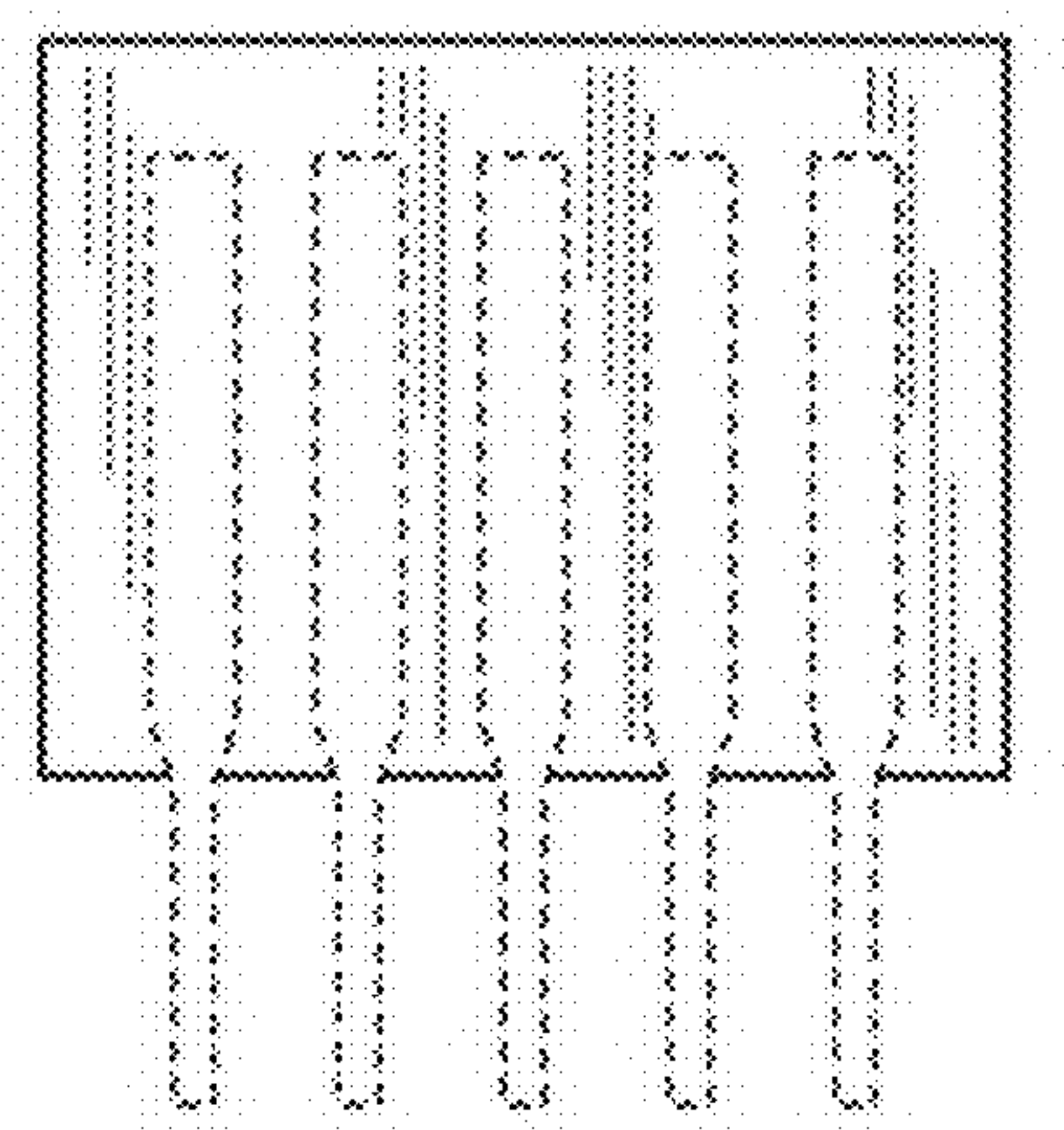
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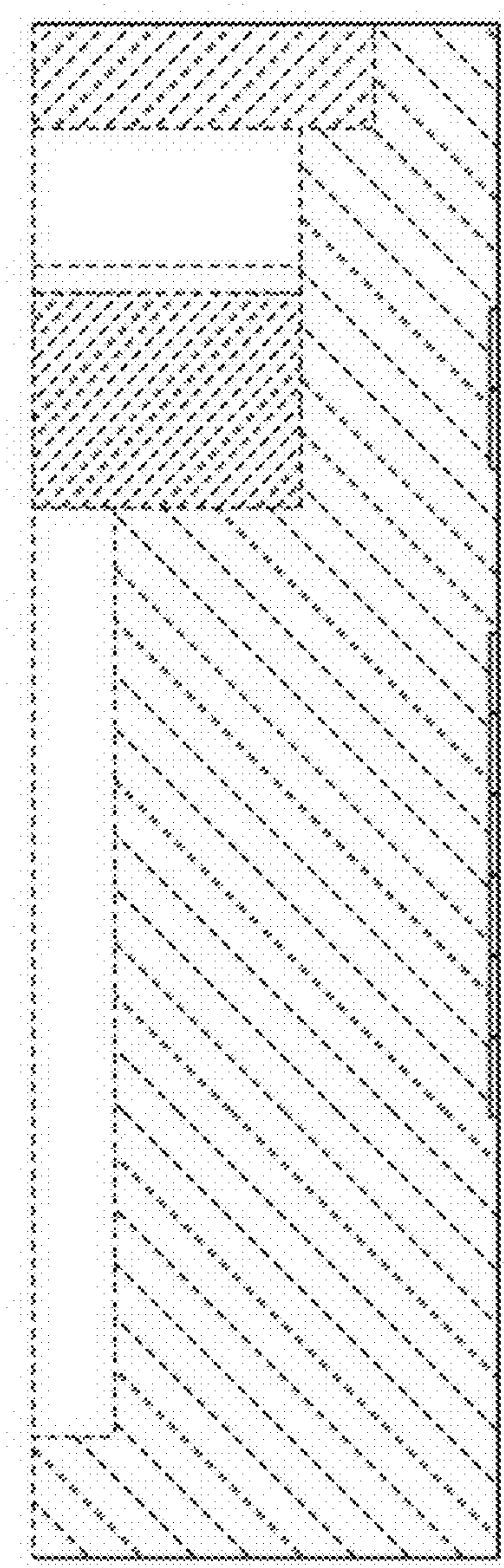
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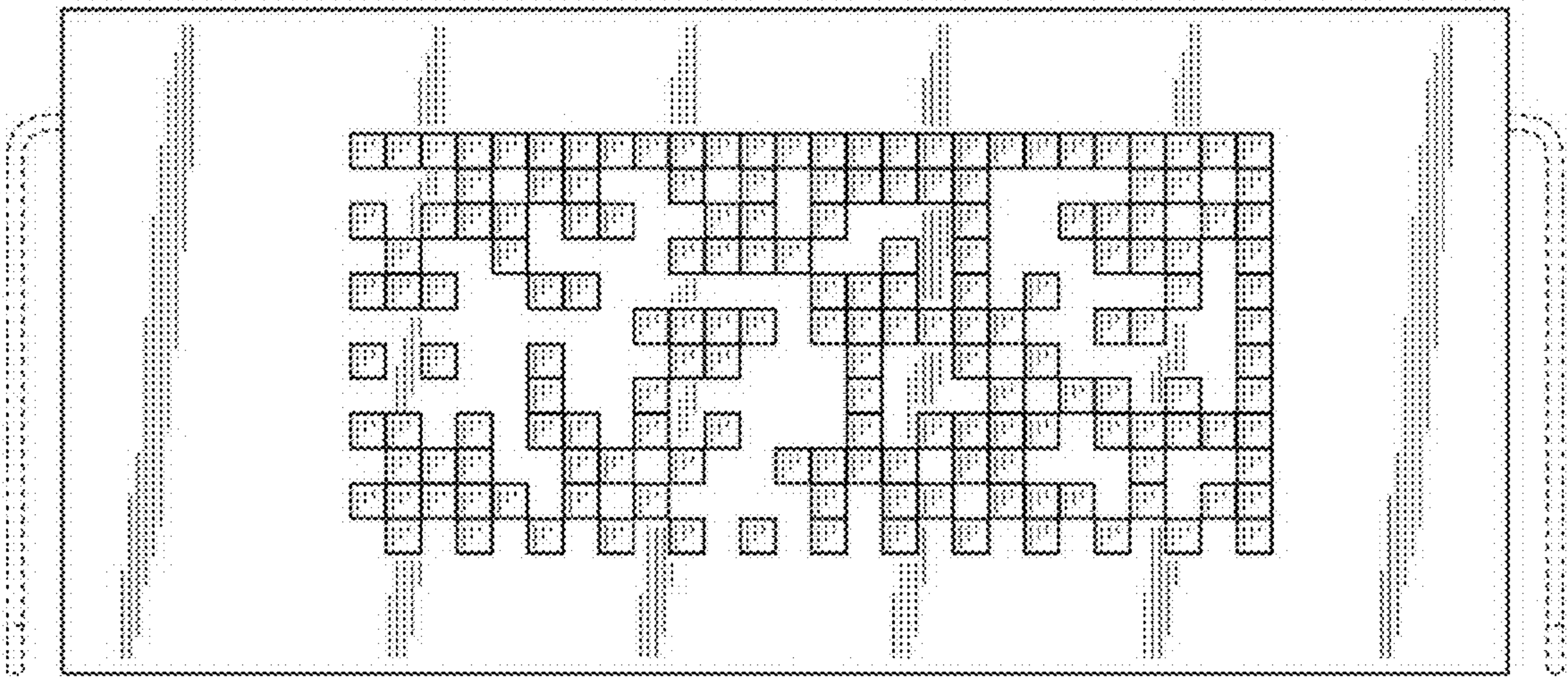
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1.8



1.9



1.10

