



US00D829577S

(12) **United States Design Patent** (10) **Patent No.:** **US D829,577 S**  
**Hirose et al.** (45) **Date of Patent:** **\*\* Oct. 2, 2018**

(54) **SPECTROMETER**

(56) **References Cited**

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*Primary Examiner* — George D. Kirschbaum

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

(57) **CLAIM**

(21) Appl. No.: **35/503,135**

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

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

**DESCRIPTION**

(80) **Hague Agreement Data**

Int. Filing Date: **Dec. 13, 2016**  
 Int. Reg. No.: **DM/093933**  
 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 top view
- 1.10 : Partial enlarged perspective view

(30) **Foreign Application Priority Data**

Jun. 14, 2016 (JP) ..... 2016-012705

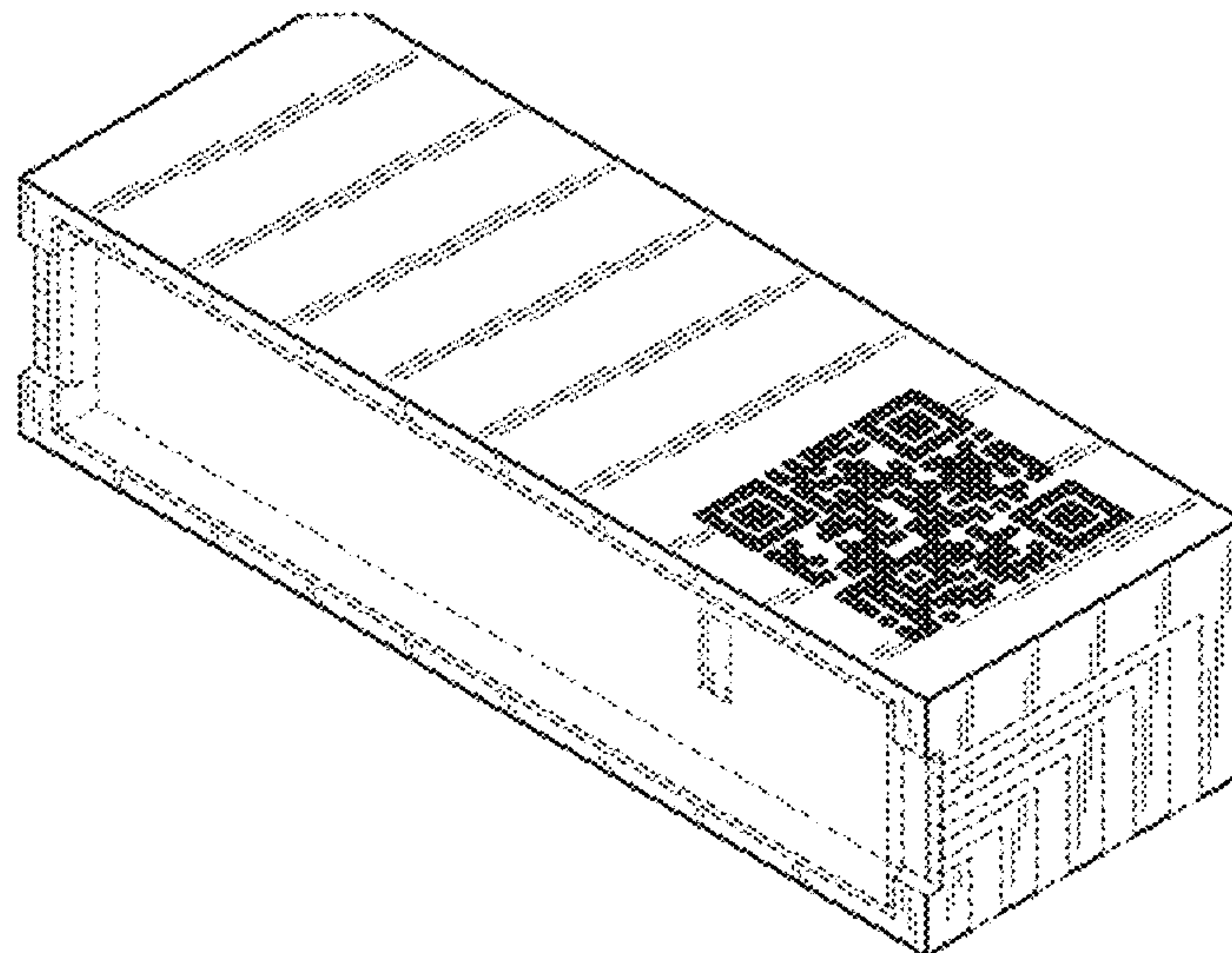
(51) **LOC (11) Cl.** ..... **10-04**

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

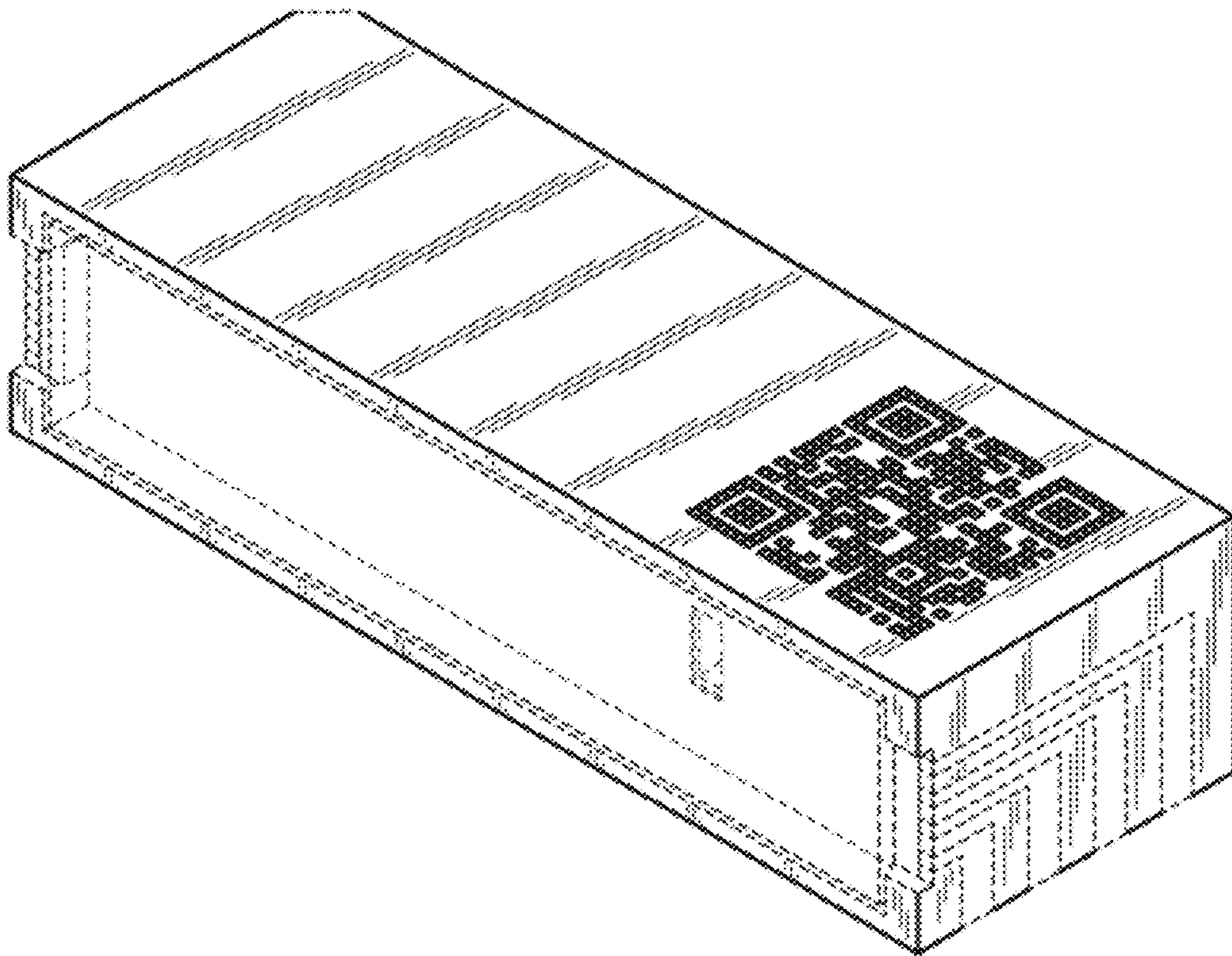
(58) **Field of Classification Search**  
 USPC ..... D10/81, 47; D13/158, 159, 160  
 CPC ..... G01J 3/0256; G01N 21/67  
 See application file for complete search history.

The broken line showing is included for the purpose of illustrating portions of the “article” and forms no part of the claimed design. The dash-dot-dash lines represent the boundary of the claimed design.

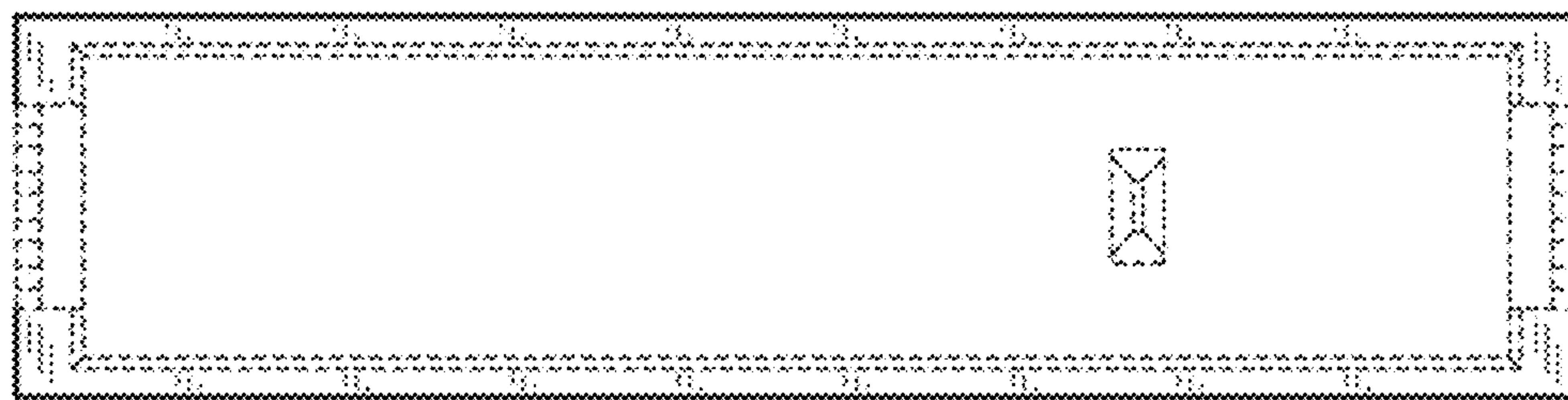
**1 Claim, 10 Drawing Sheets**



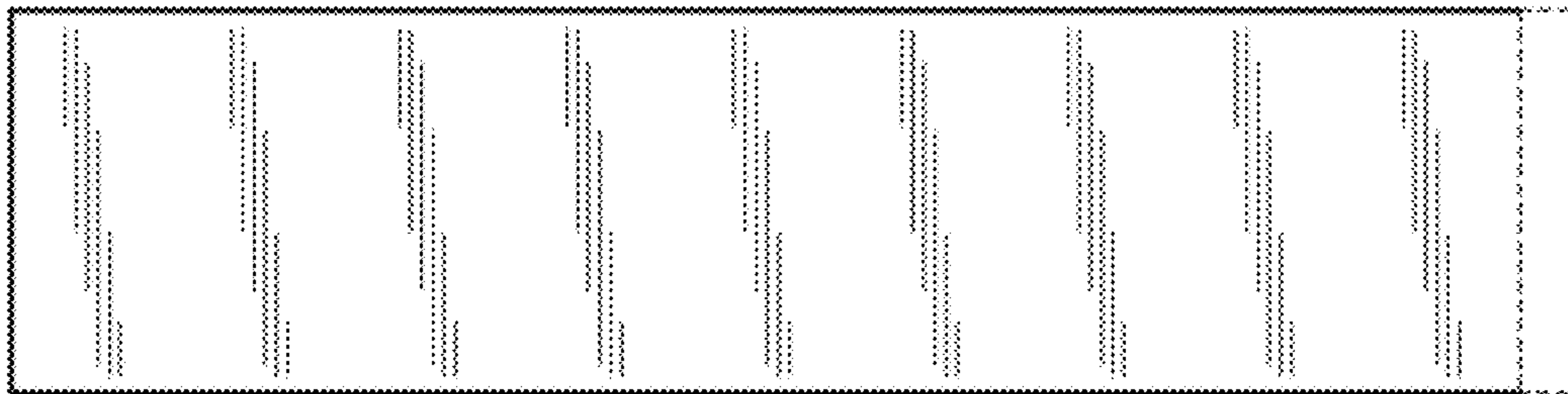
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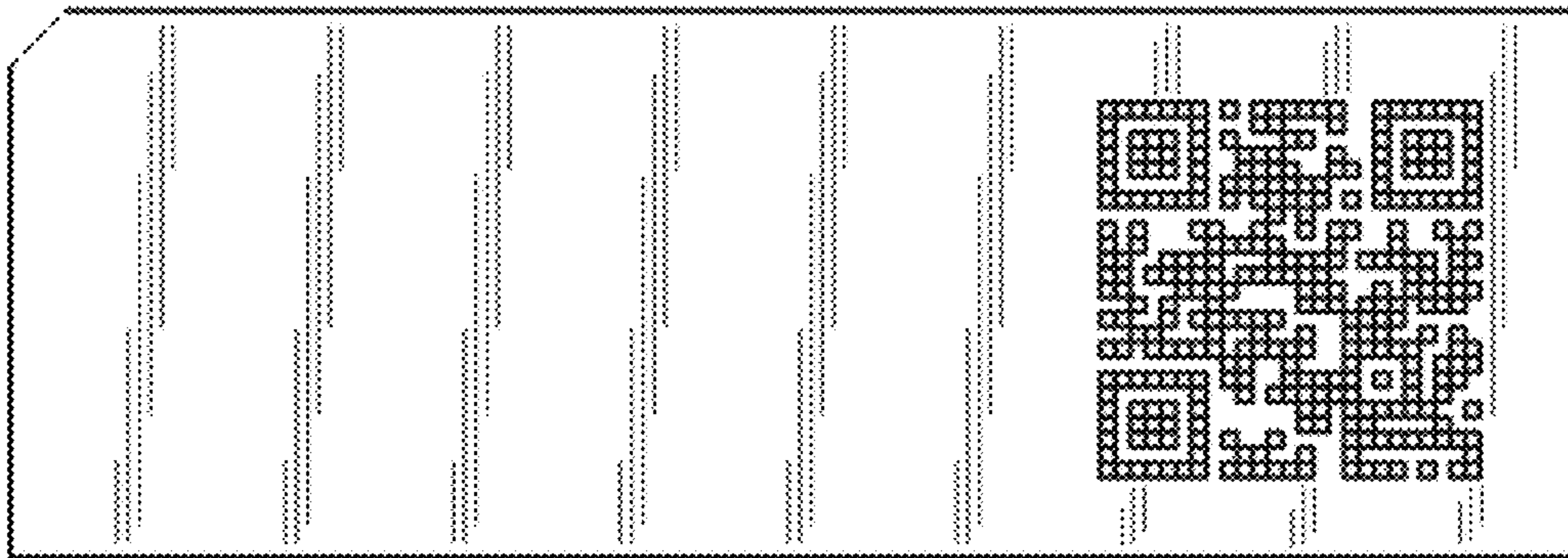
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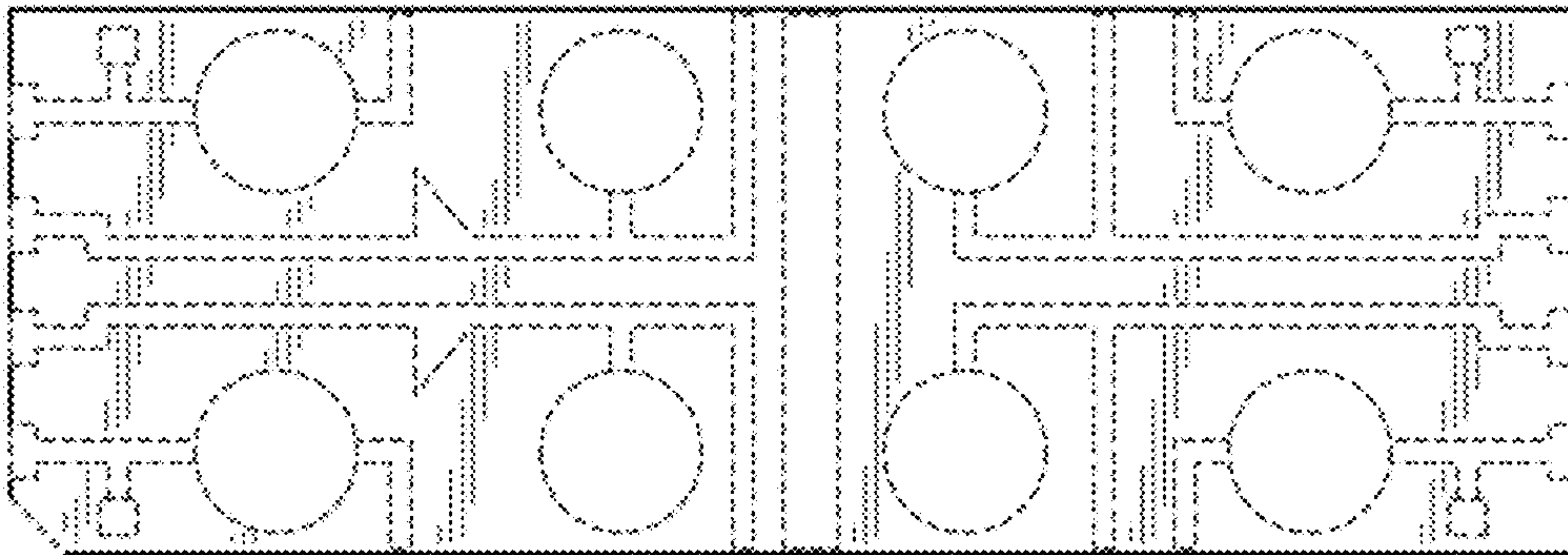


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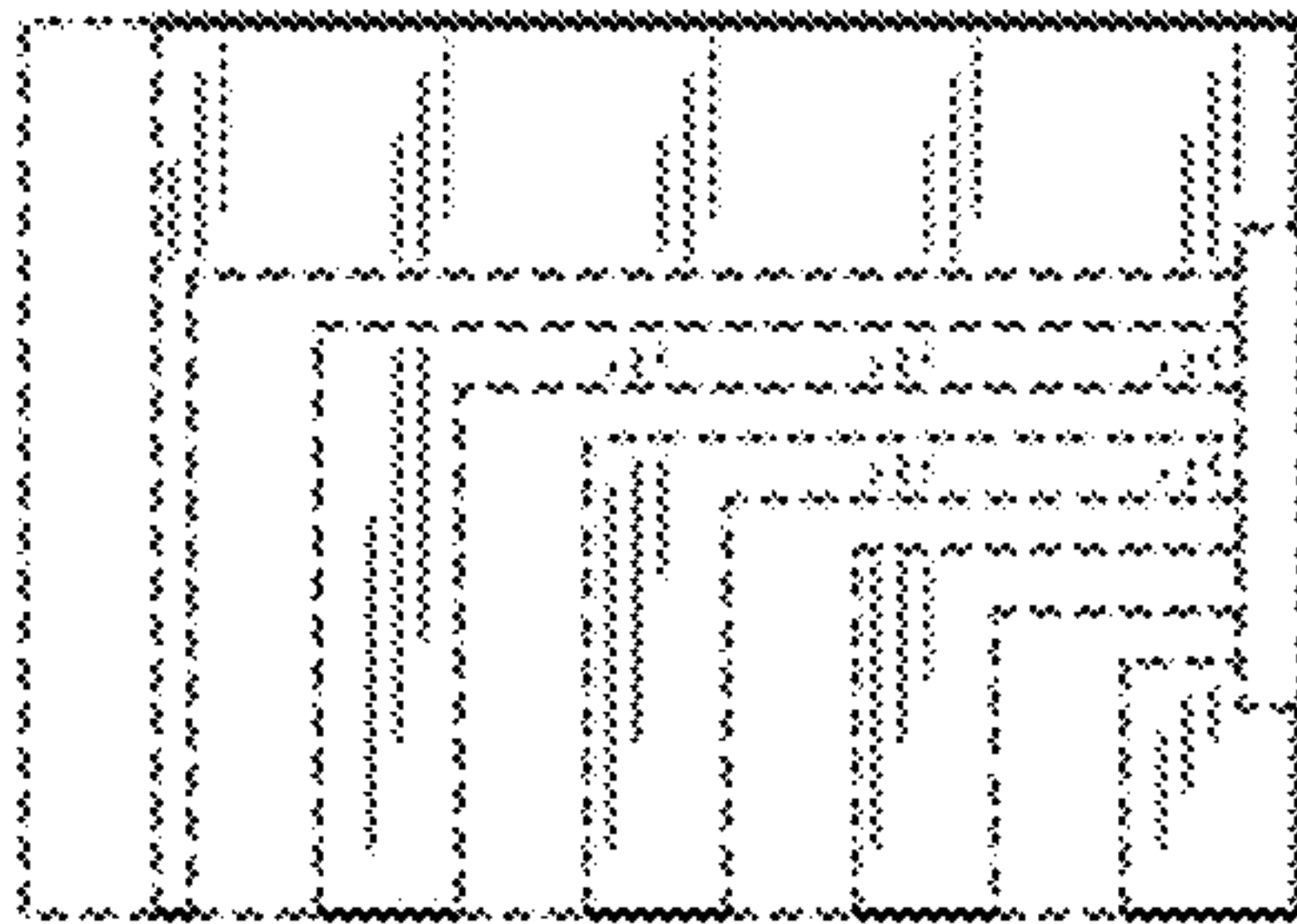




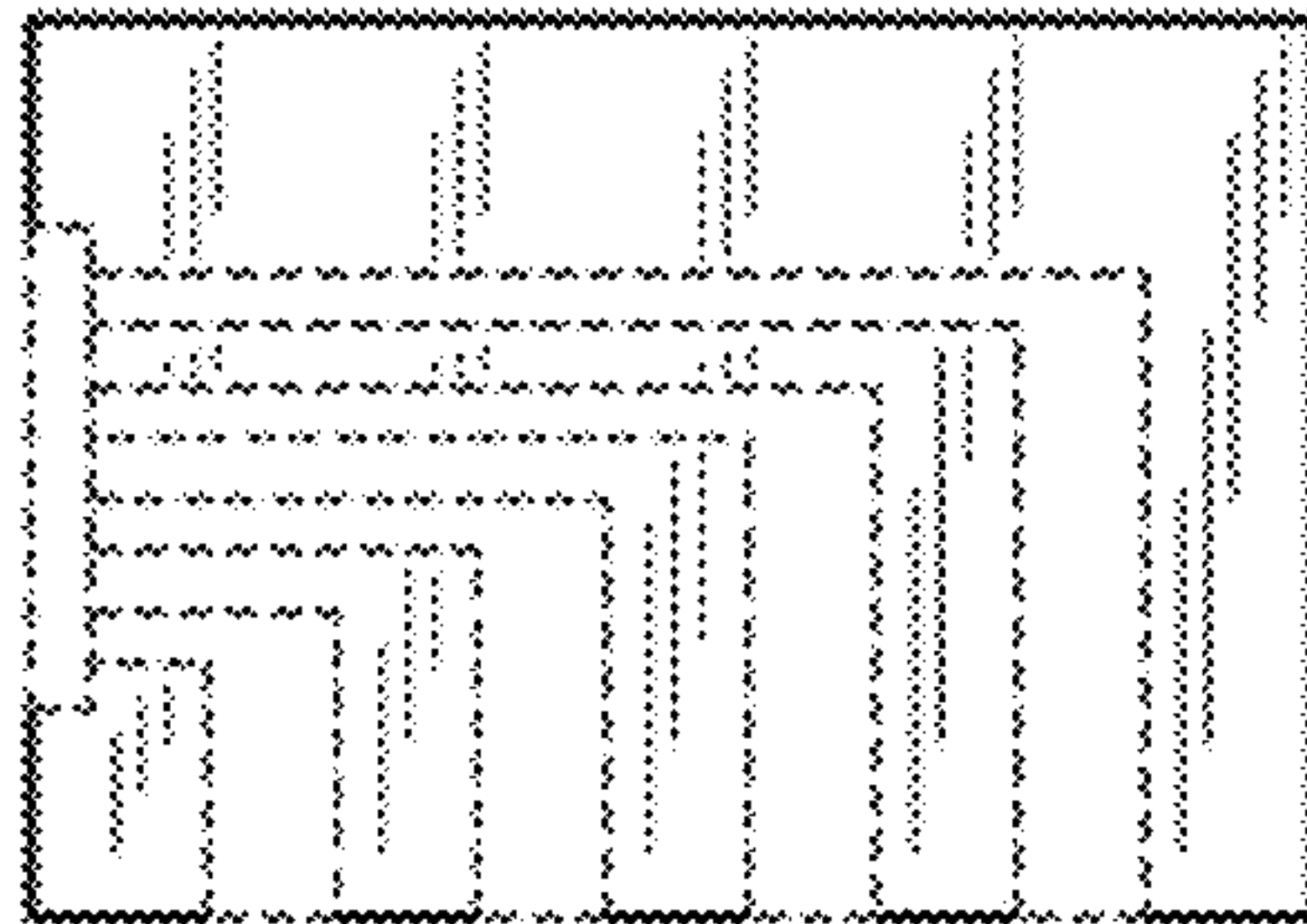
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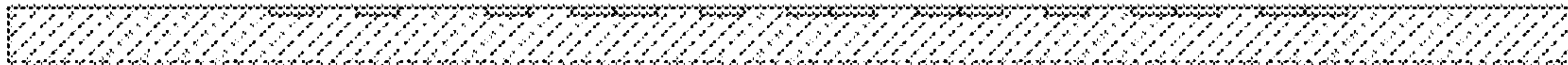


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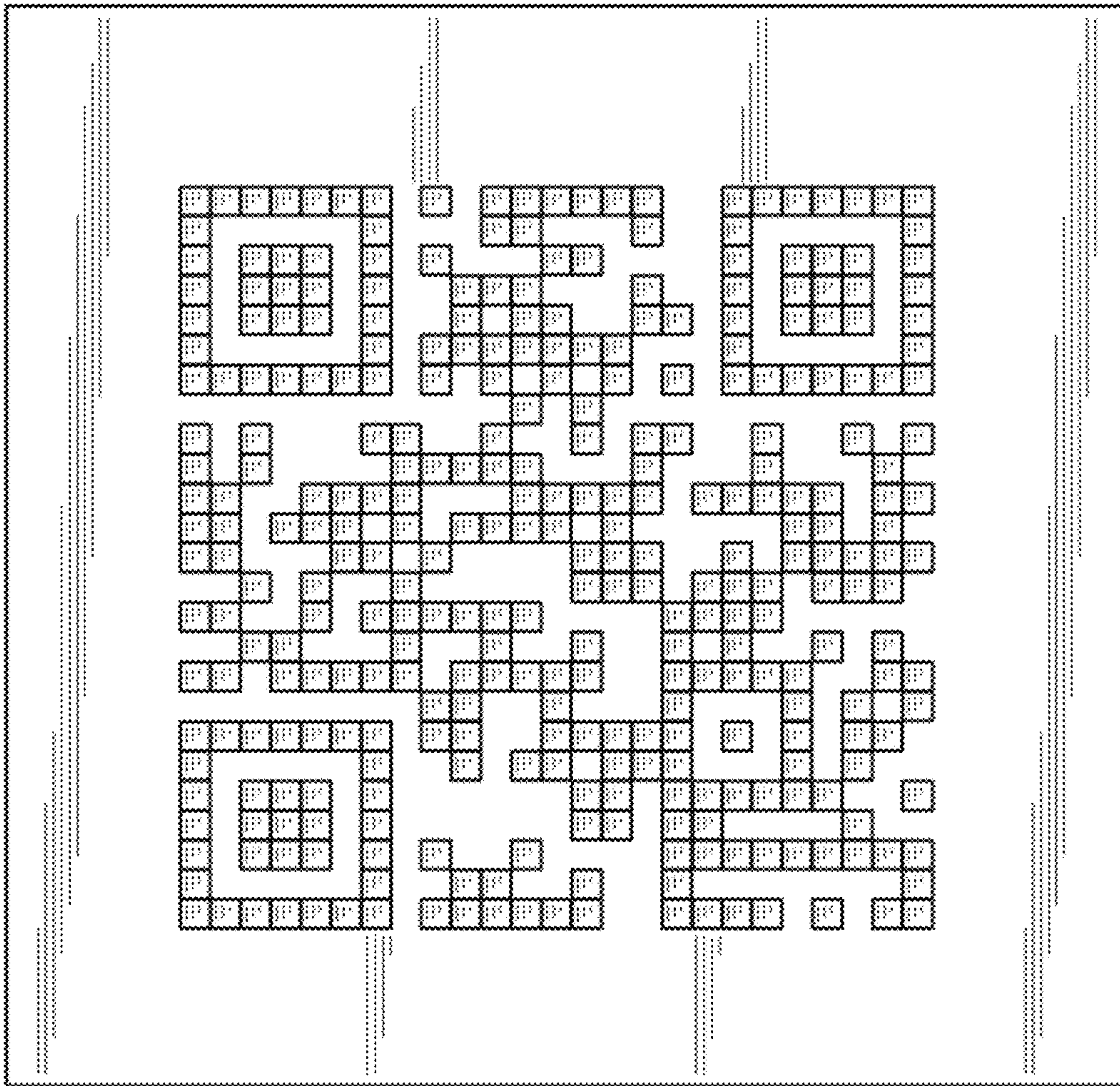




1.8



1.9



1.10

