



US00D829116S

(12) **United States Design Patent** (10) **Patent No.:** **US D829,116 S**  
**Hirose et al.** (45) **Date of Patent:** **\*\* Sep. 25, 2018**

(54) **SPECTROMETER**

(56) **References Cited**

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**Kato**, Hamamatsu (JP)

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*Primary Examiner* — George D. Kirschbaum

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

(57) **CLAIM**

(21) Appl. No.: **35/503,183**

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/093917**  
Int. Reg. Date: **Dec. 13, 2016**  
Int. Reg. Pub. Date: **Jun. 16, 2017**

1. Spectrometer  
1.1 : Front perspective view  
1.2 : Back perspective view  
1.3 : Front  
1.4 : Back  
1.5 : Top  
1.6 : Bottom  
1.7 : Left  
1.8 : Right  
1.9 : Partial enlarged cross-sectional view  
1.10 : Partial enlarged back view  
1.11 : Partial enlarged back perspective view  
The broken line showing is included for the purpose of illustrating portions of the “article” and forms no part of the claimed design.

(30) **Foreign Application Priority Data**

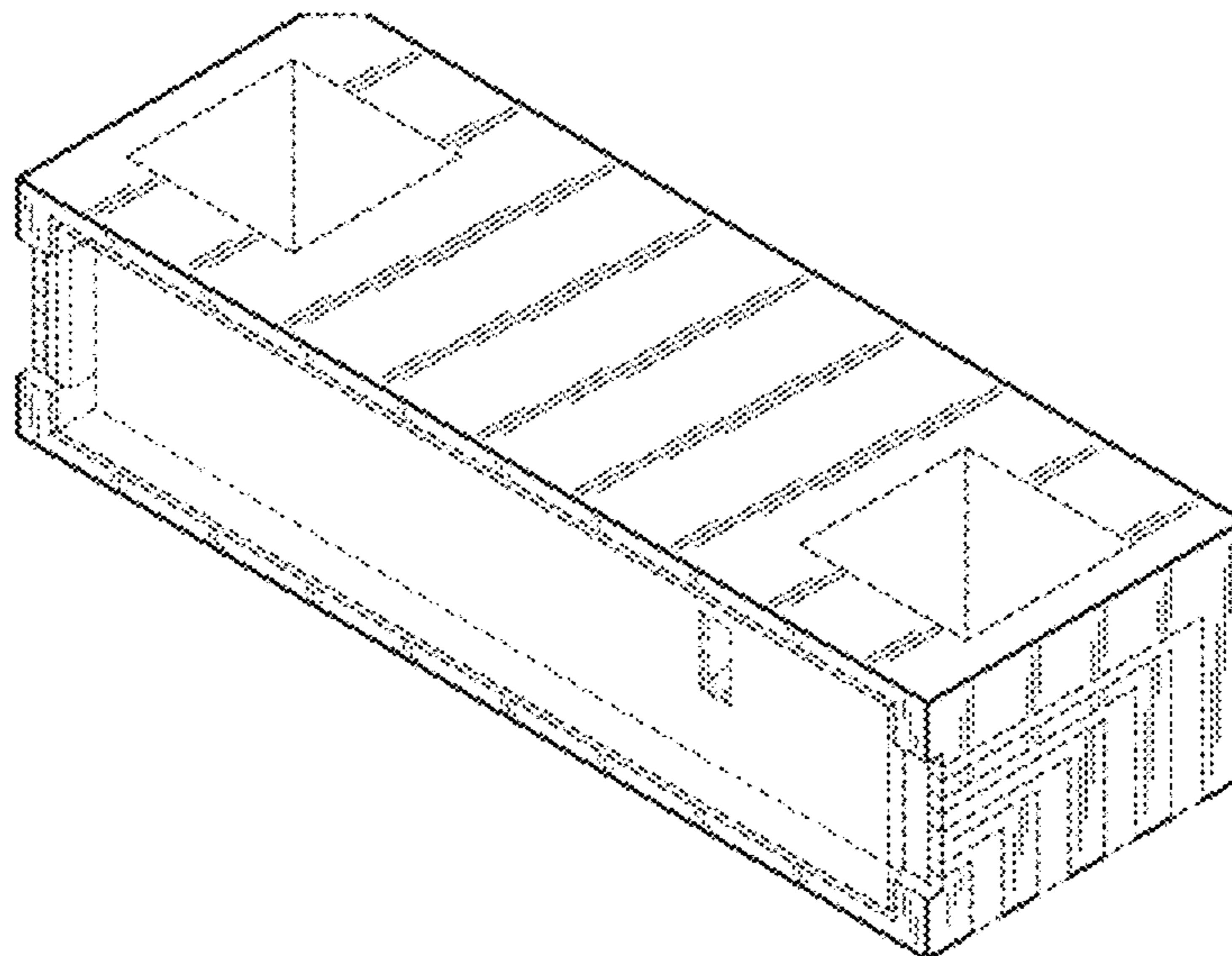
Jun. 14, 2016 (JP) ..... 2016-012704

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

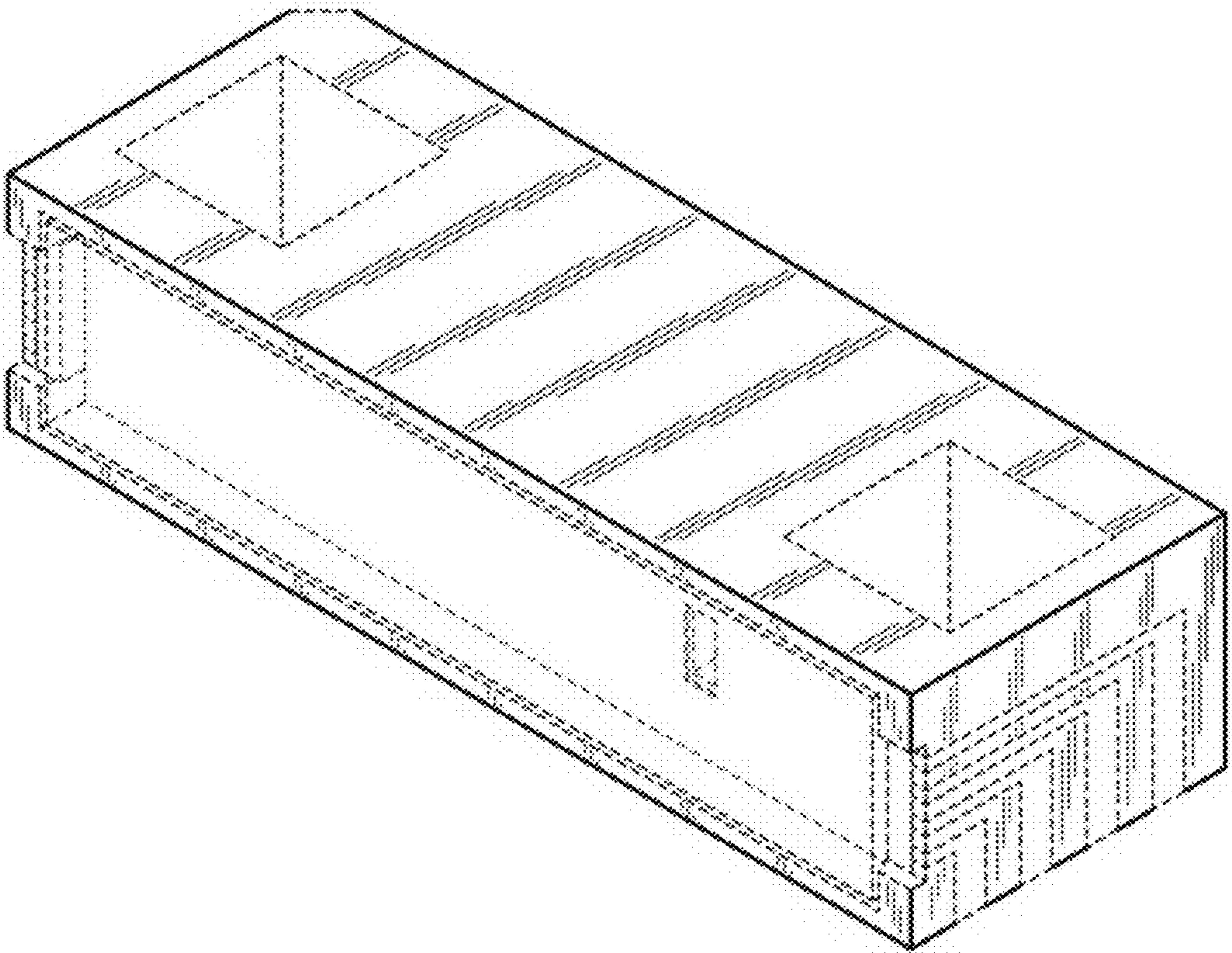
(52) **U.S. Cl.**  
USPC ..... **D10/81**

(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.

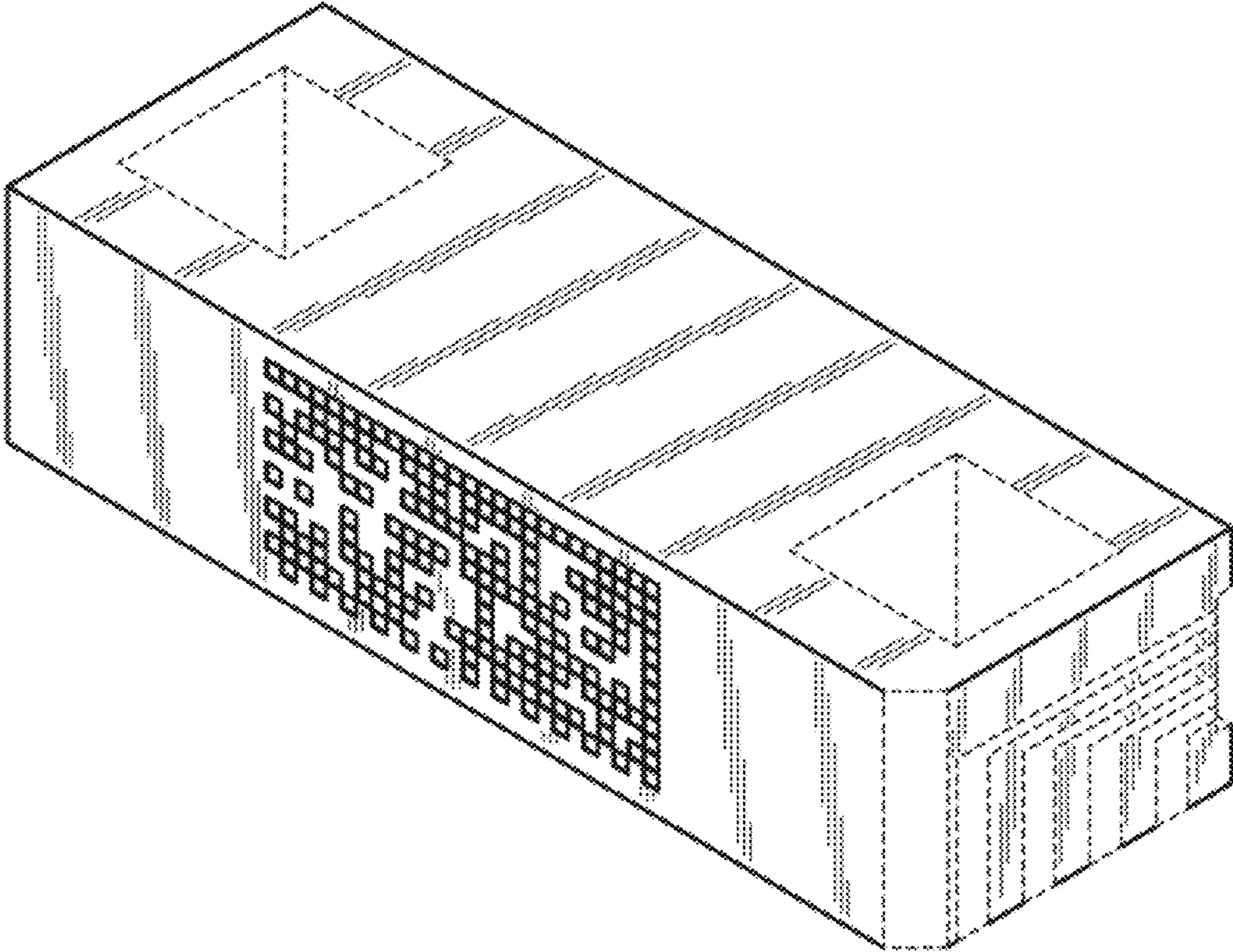
**1 Claim, 11 Drawing Sheets**



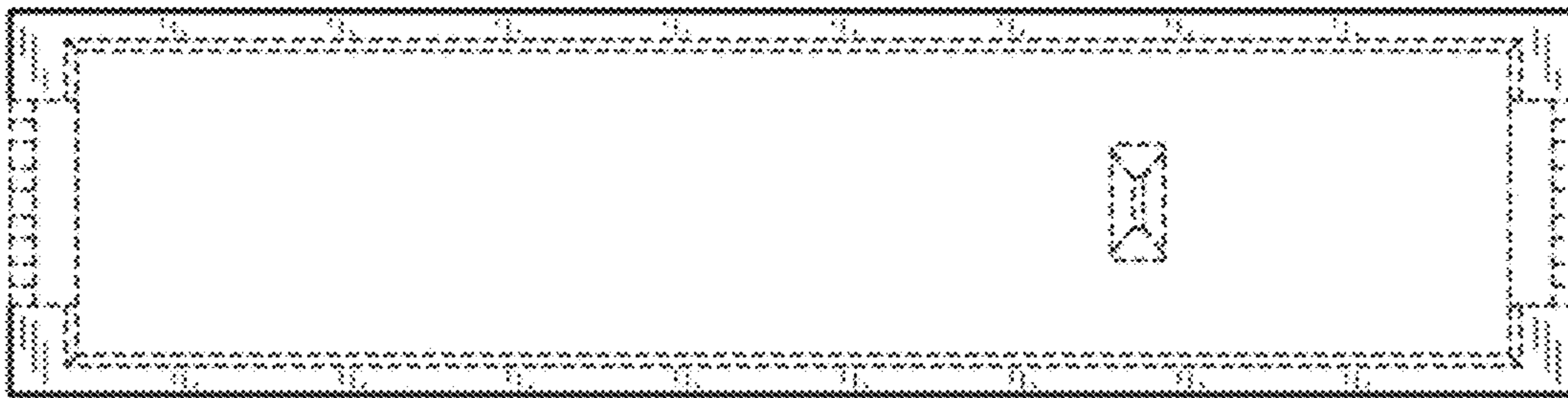
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1.2

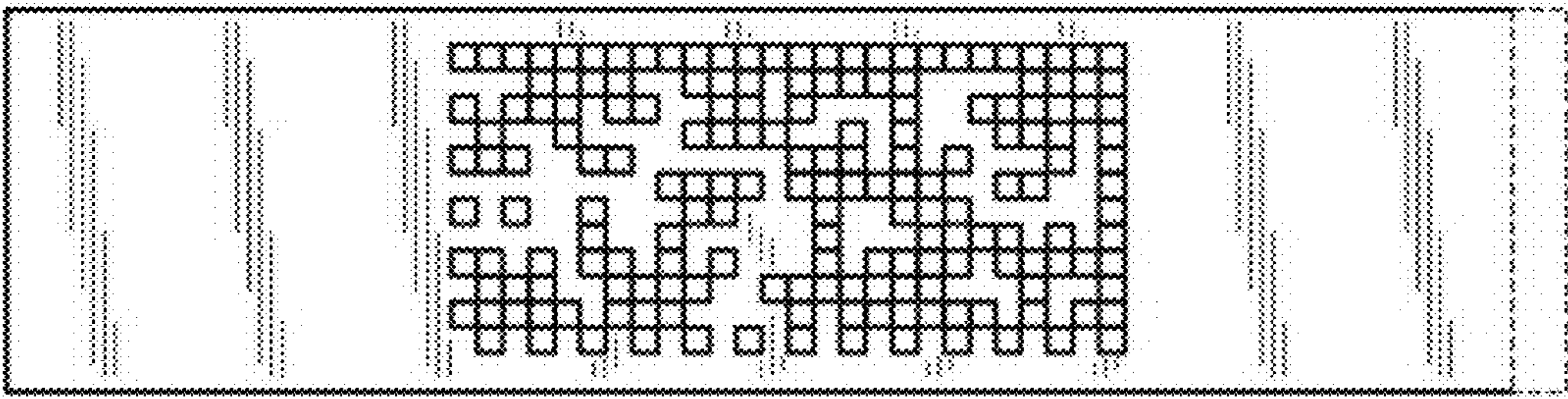


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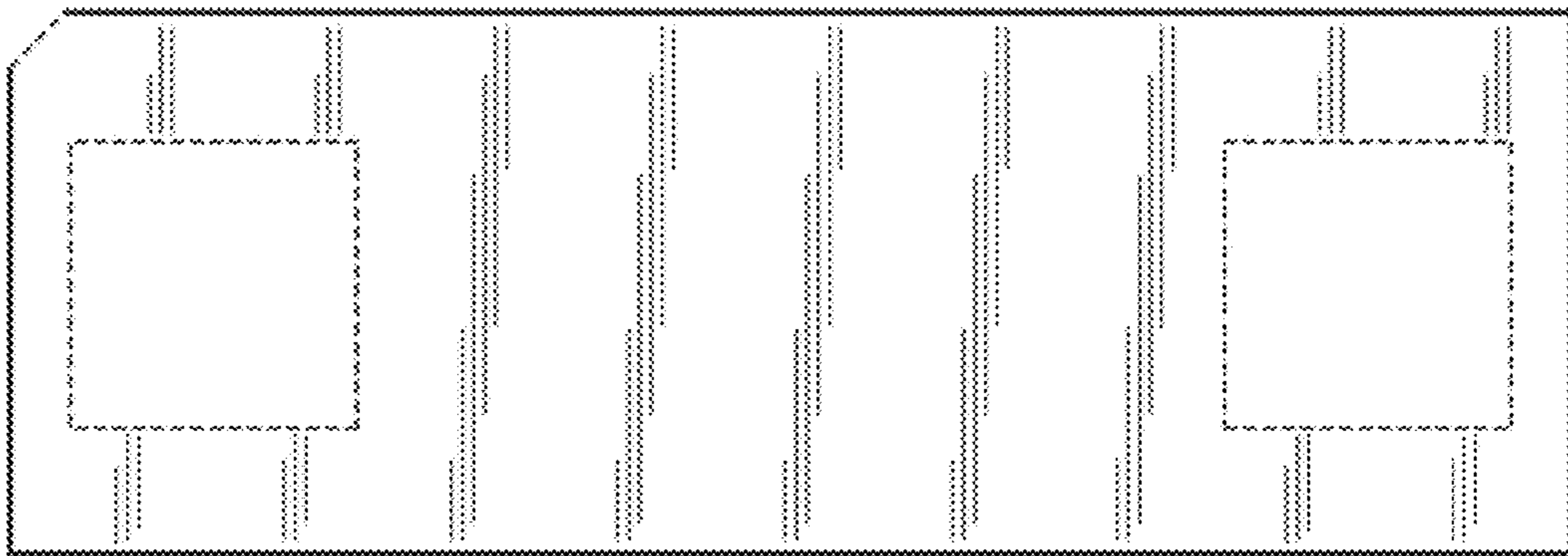




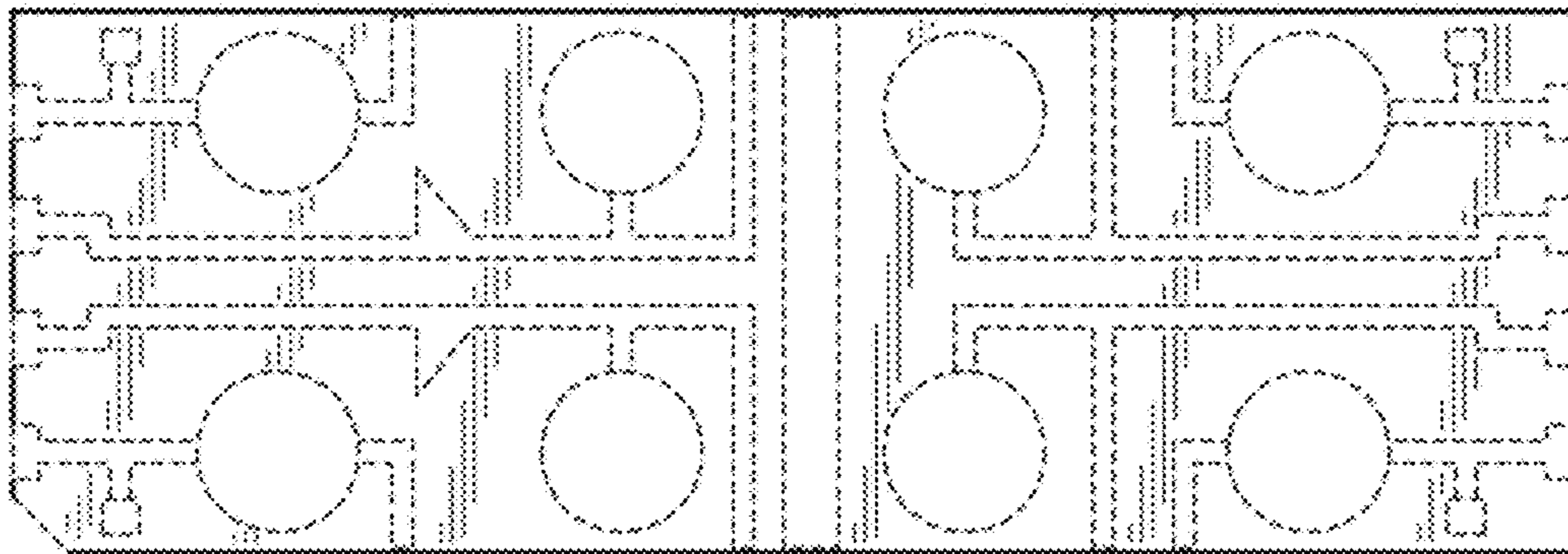
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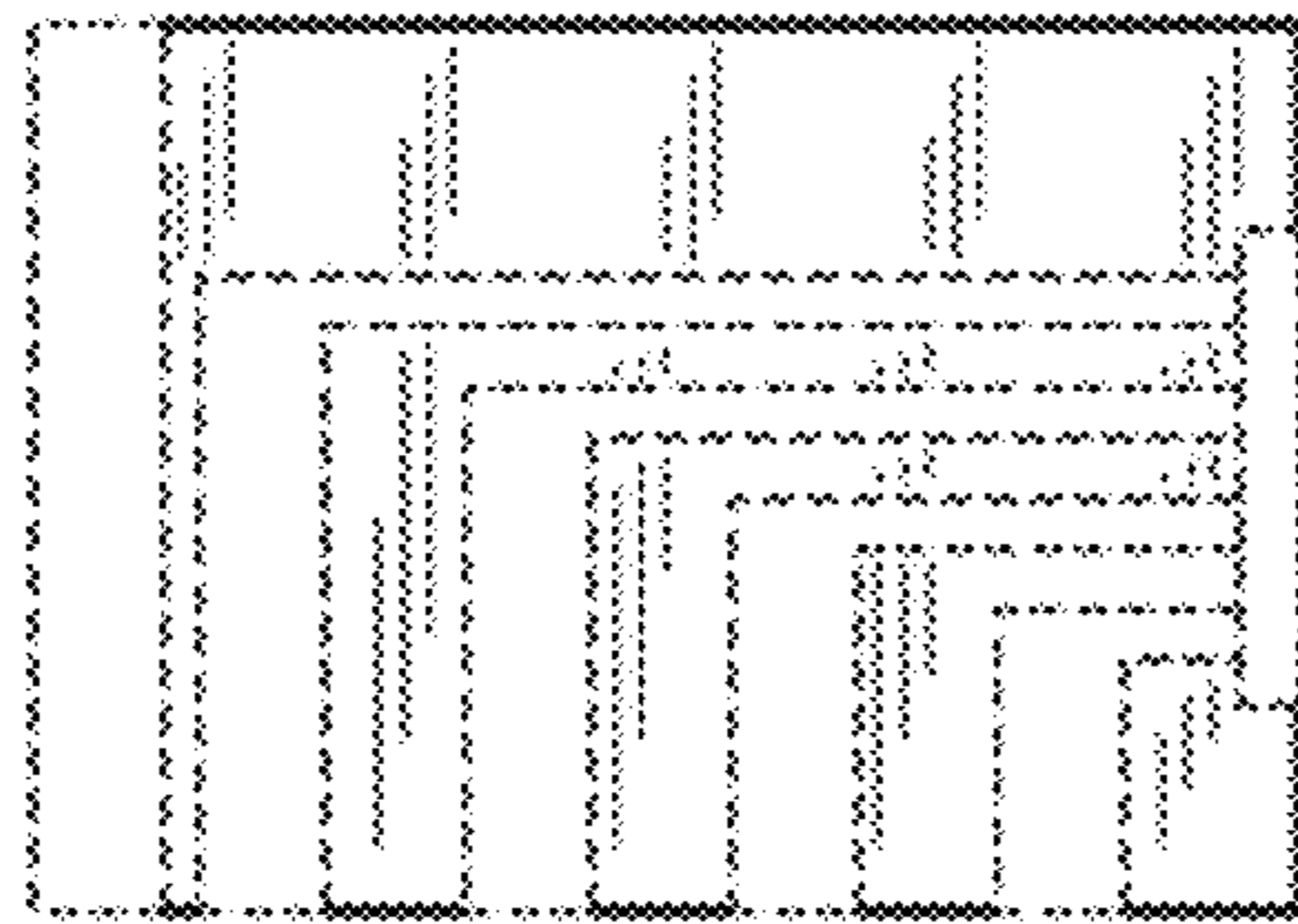
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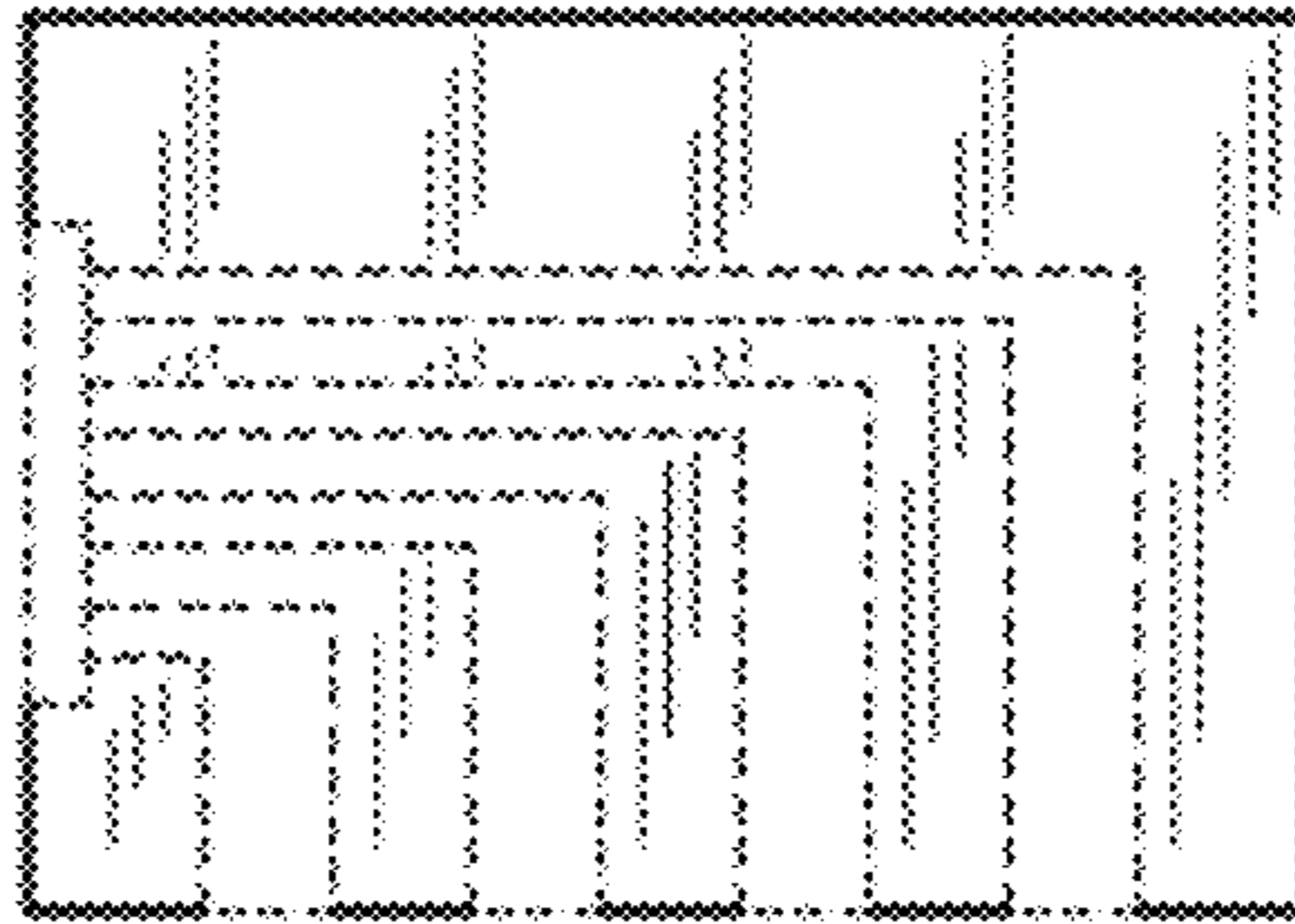


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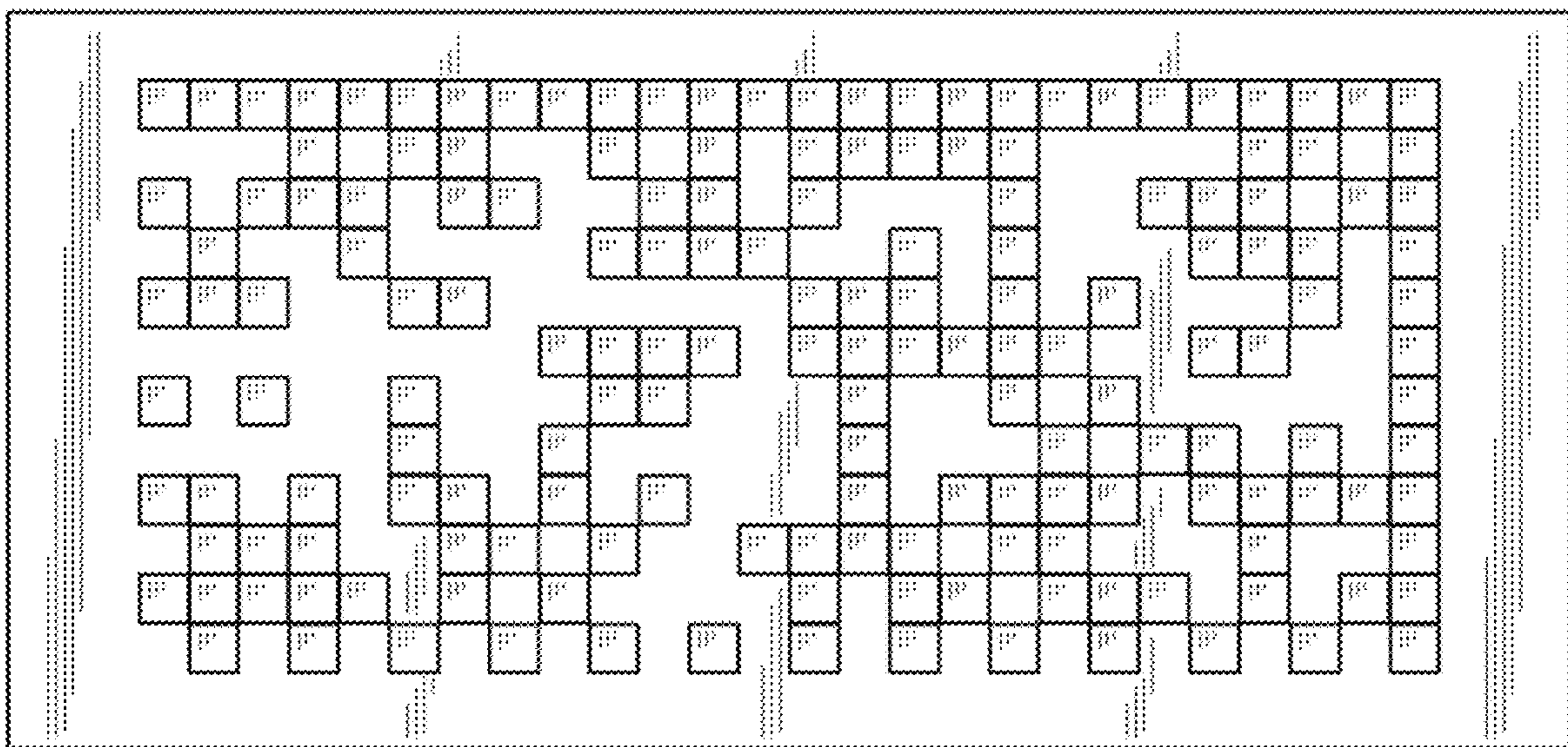
1.8



1.9



1.10



1.11

