



US00D973604S

(12) **United States Design Patent**  
**Jeong et al.**

(10) **Patent No.:** **US D973,604 S**

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(54) **ELECTRIC RELAY**  
(71) Applicant: **ROOTECH Inc.**, Suwon-si (KR)  
(72) Inventors: **Changyong Jeong**, Suwon-si (KR);  
**Byeongseok Jeong**, Hwaseong-si (KR)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **35/512,182**  
(22) Filed: **Jan. 13, 2021**

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(80) **Hague Agreement Data**

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*Primary Examiner* — Rhea Shields

(57) **CLAIM**

The ornamental design for an electric relay, as shown and described.

(51) **LOC (13) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/159**

**DESCRIPTION**

(58) **Field of Classification Search**  
USPC ... D13/159, 158, 160, 169, 162.1, 123, 182,  
D13/177; D10/106.8, 46; D14/240, 155  
CPC ..... H02B 11/12; H05K 7/20918; H01H  
51/2245; H01H 50/34; H01H 71/68;  
H01H 50/74; B23Q 5/027; B61L 29/288;  
H01R 12/675; H04M 1/652  
See application file for complete search history.

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

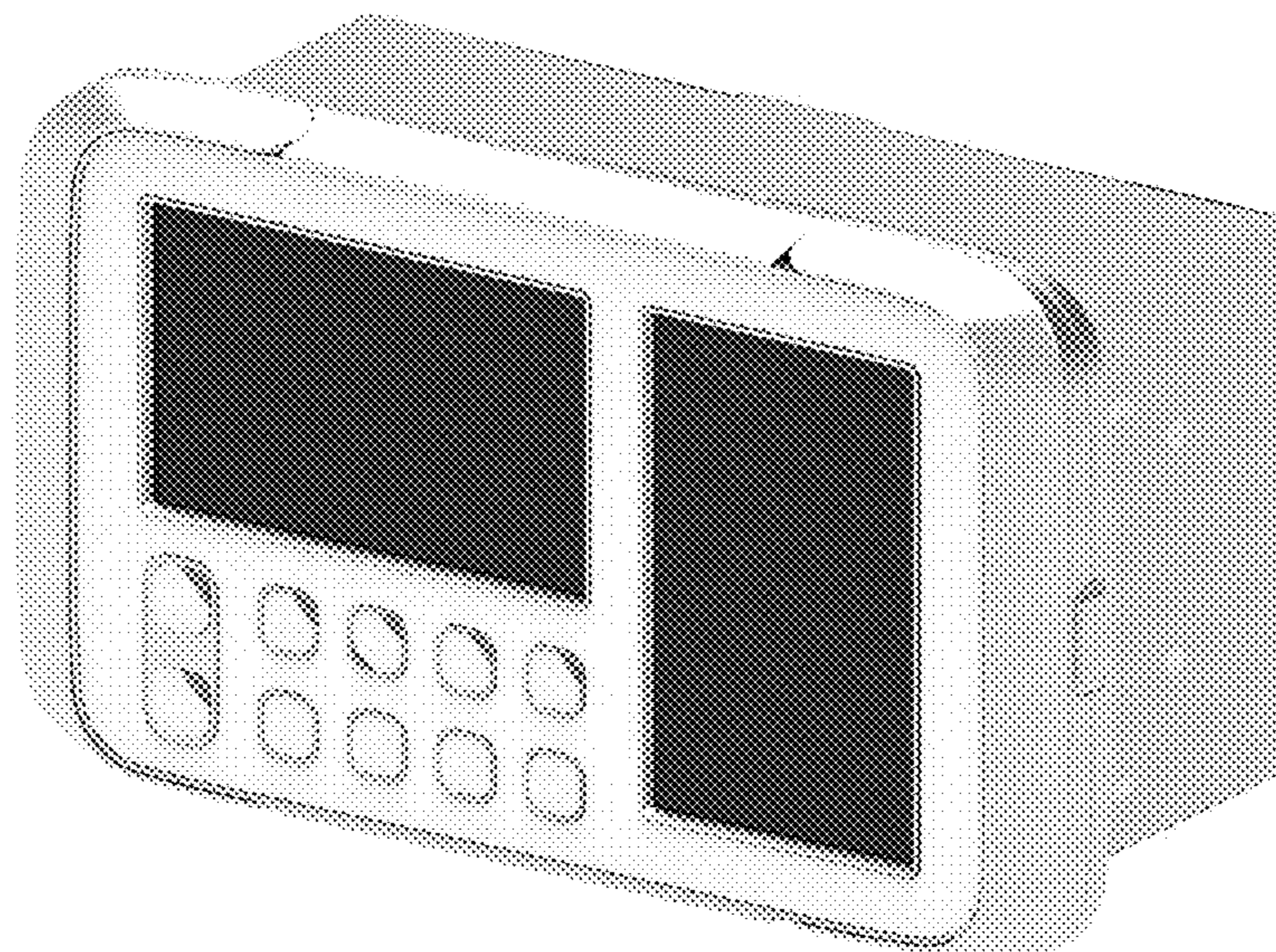
- 1. Relay, electric
  - 1.1 : Perspective
  - 1.2 : Front
  - 1.3 : Back
  - 1.4 : Left
  - 1.5 : Right
  - 1.6 : Top
  - 1.7 : Bottom
  - 1.8 : Front view, mounting direction is changed
- Matter which is shown in the reproduction, but for which protection is not claimed, is indicated in the reproduction by means of yellow color; the relay may be selectively mounted horizontally or vertically; reproduction 1.8 represents a state when the relay is rotated and mounted vertically.

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**1 Claim, 8 Drawing Sheets**  
**(6 of 8 Drawing Sheet(s) Filed in Color)**



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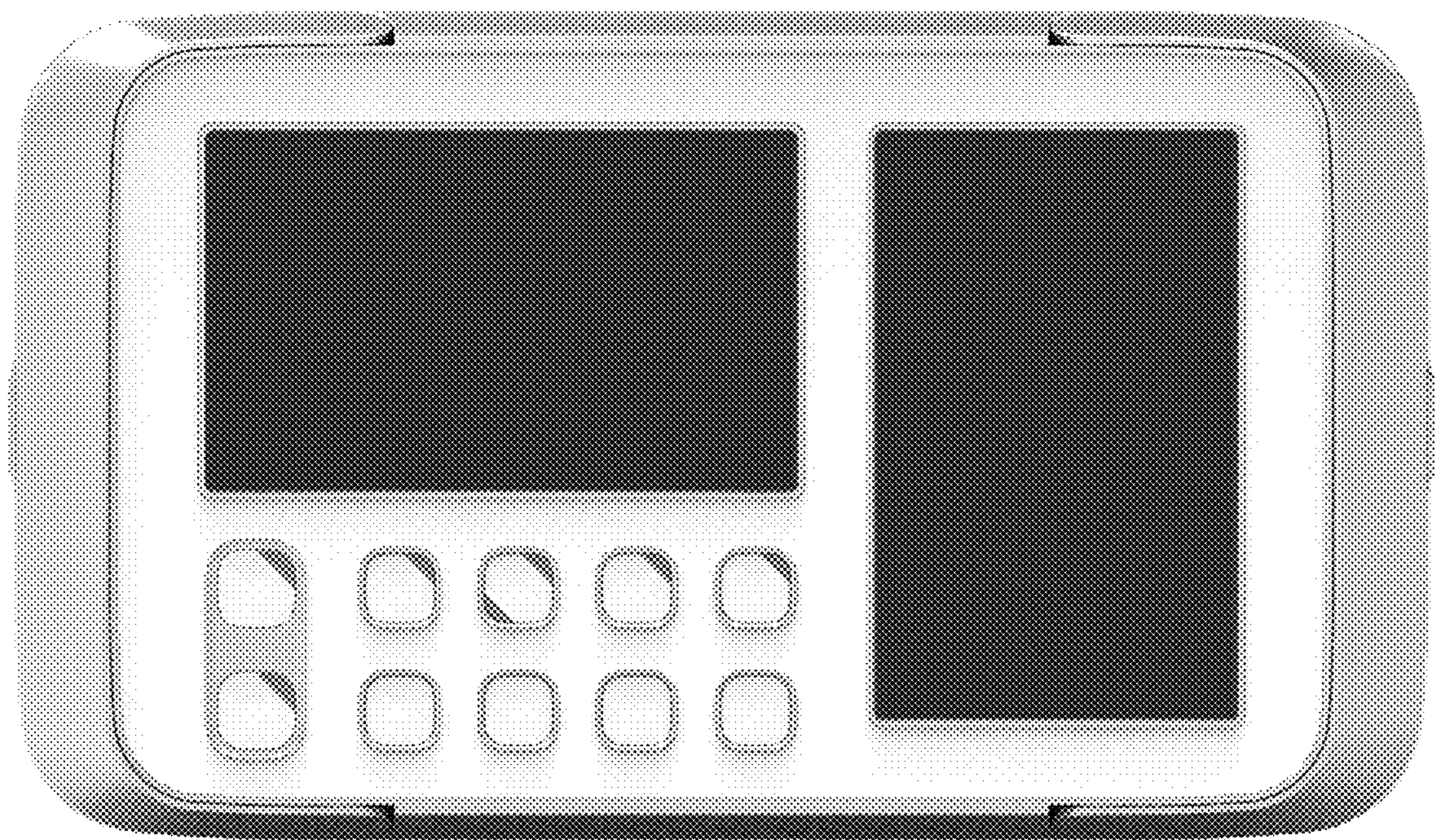
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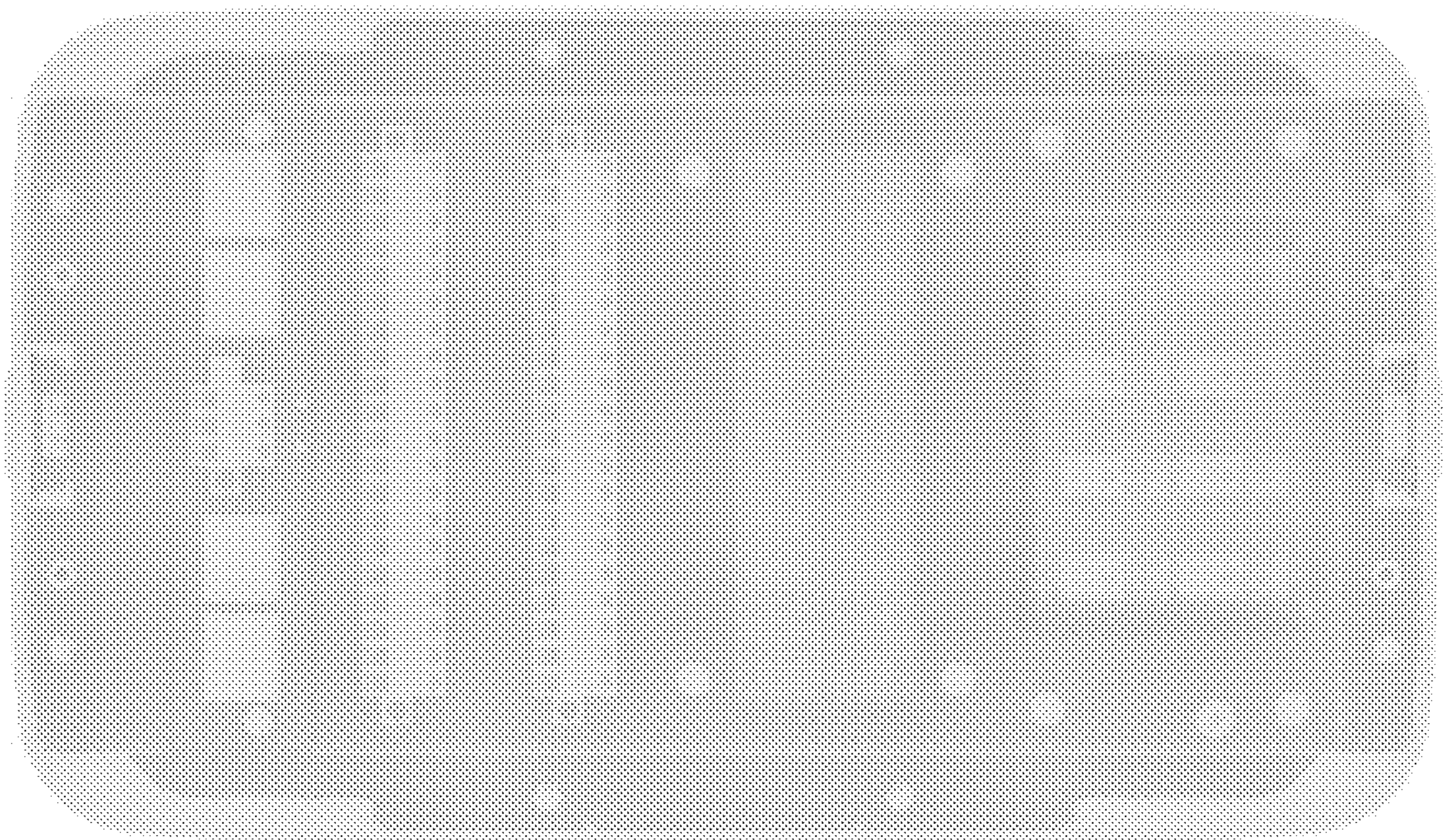
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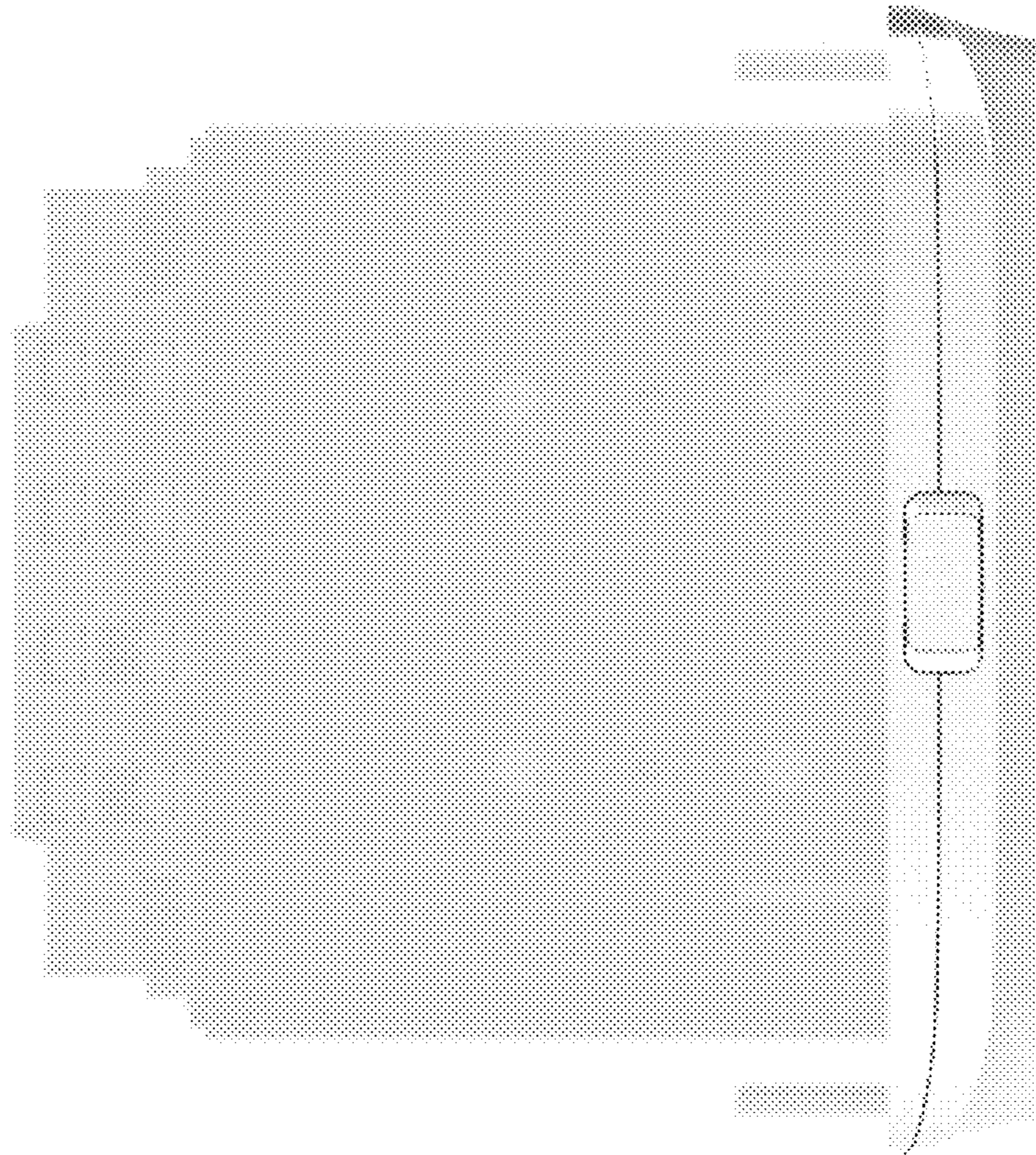
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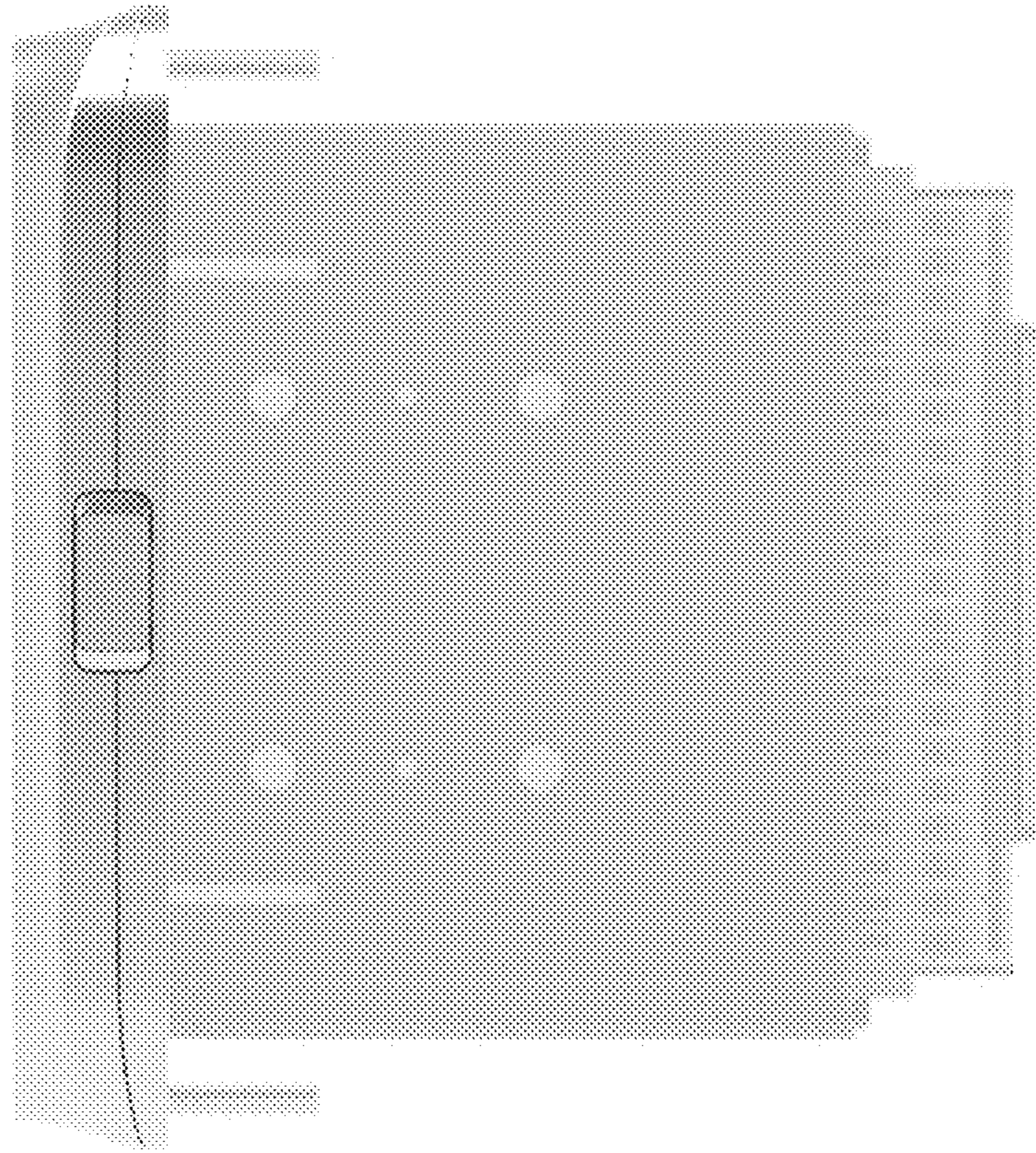
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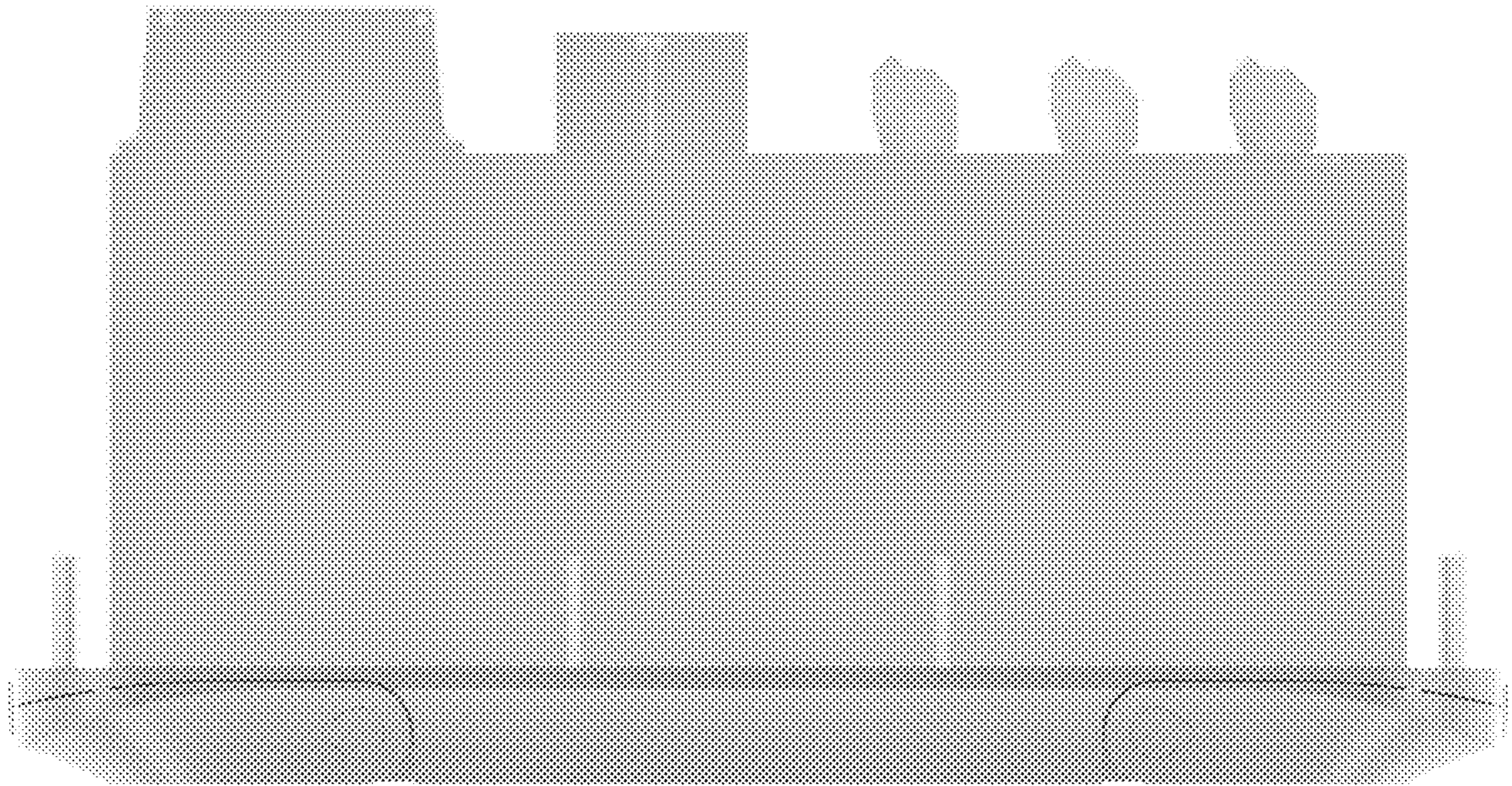
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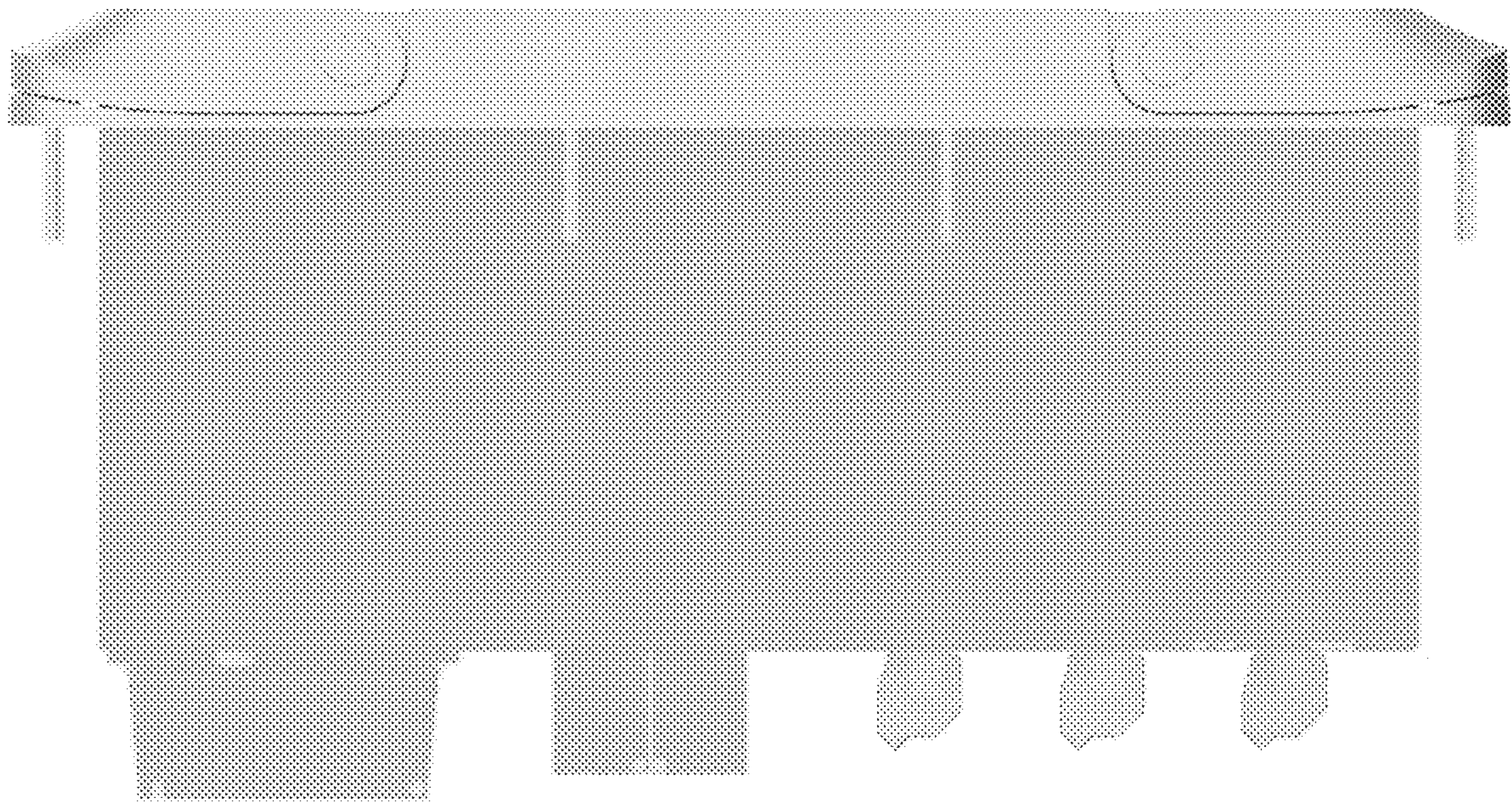


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1.7



1.8

