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(12)

United States Design Patent

Cheng

(10)

Patent No.:

US D1,048,614 S

(45)

Date of Patent:

** Oct. 22, 2024

(54) DUST BOX FOR CLEANING ROBOT

FOREIGN PATENT DOCUMENTS

(71) Applicant: Beijing Roborock Technology Co., Ltd., Beijing (CN)

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TW	D219823	S	7/2022
TW	D222441	S	12/2022

(72) Inventor: Pan Cheng, Beijing (CN)

OTHER PUBLICATIONS

(73) Assignee: BEIJING ROBOROCK TECHNOLOGY CO., LTD., Beijing (CN)

Notice of Allowance for TW Patent Application No. 112303316 of Feb. 21, 2024.

Primary Examiner — Patricia A Palasik

(**) Term: 15 Years

(74) Attorney, Agent, or Firm — Perilla Knox & Hildebrandt LLP; Kenneth A. Knox

(21) Appl. No.: 35/518,297

(57) CLAIM

(22) Filed: Jun. 27, 2023

The ornamental design for a dust box for cleaning robot as shown and described.

(80) Hague Agreement Data

DESCRIPTION

Int. Filing Date: Jun. 27, 2023
Int. Reg. No.: DM/231156
Int. Reg. Date: Jun. 27, 2023
Int. Reg. Pub. Date: Sep. 8, 2023

1.1 : Front
1.2 : Back
1.3 : Left
1.4 : Right
1.5 : Top
1.6 : Bottom
1.7 : Perspective
1.8 : Perspective
1.9 : Perspective
2.1 : Front
2.2 : Back
2.3 : Left
2.4 : Right
2.5 : Top
2.6 : Bottom
2.7 : Perspective
2.8 : Perspective
2.9 : Perspective

(30) Foreign Application Priority Data

Dec. 30, 2022 (CN) 202230876336.X

(51) LOC (14) Cl. 15-05

(52) U.S. Cl.
USPC D32/21; D32/25

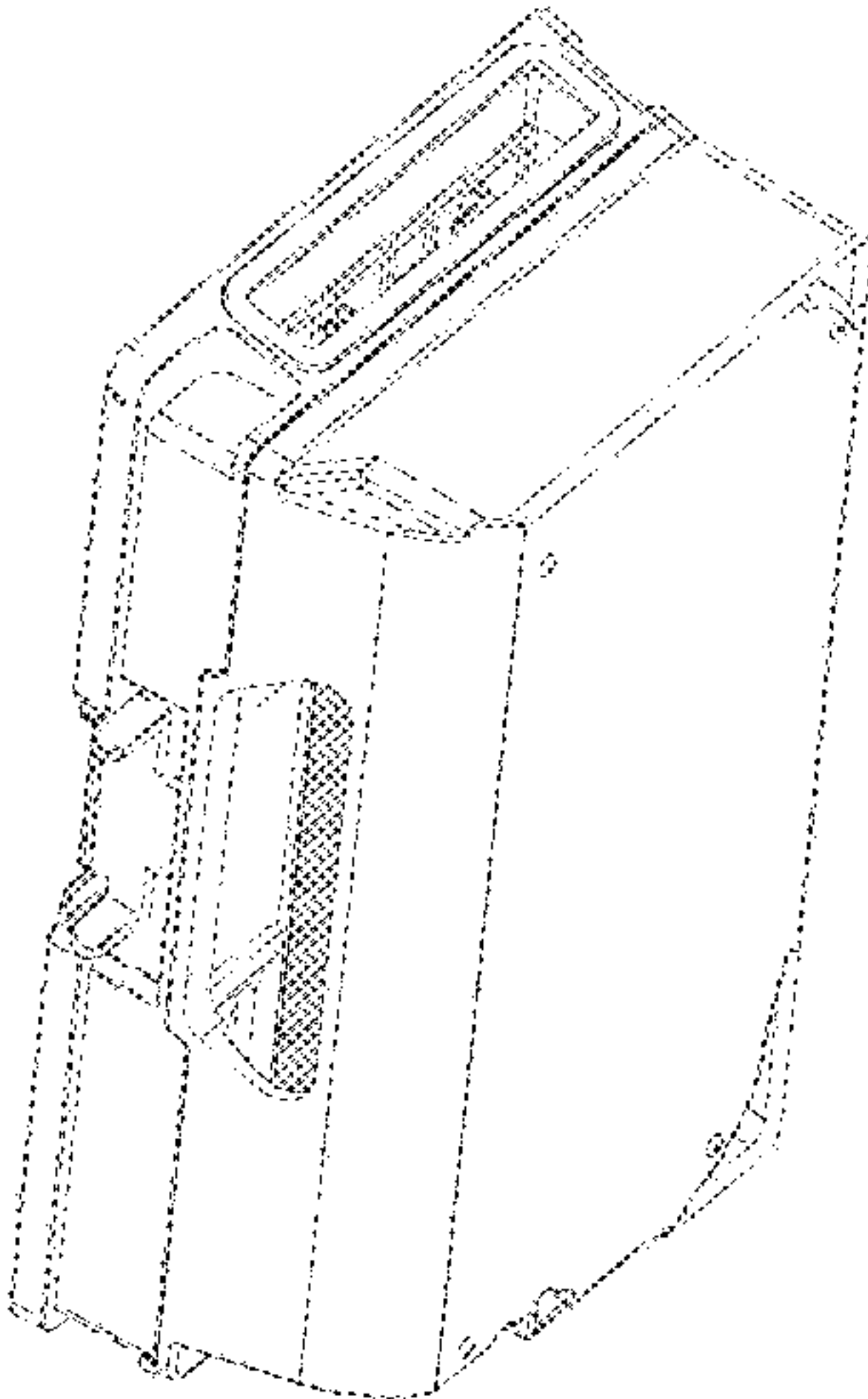
(58) Field of Classification Search
USPC D8/70; D15/199; D32/18, 21, 23, 24, 31
(Continued)

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D32/31
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(Continued)

1.1 is a front view of a first dust box for cleaning robot; 1.2 is a back view thereof; 1.3 is a left view thereof; 1.4 is a right view thereof; 1.5 is a top view thereof; 1.6 is a bottom view thereof; 1.7 to 1.9 are three perspective views thereof; 2.1 is a front view of a second dust box for cleaning robot; 2.2 is a back view thereof; 2.3 is a left view thereof; 2.4 is a right
(Continued)



view thereof; 2.5 is a top view thereof; 2.6 is a bottom view thereof; 2.7 to 2.9 are three perspective views thereof.

1 Claim, 18 Drawing Sheets

(58) Field of Classification Search

CPC A47L 5/00; A47L 9/1683; B01D 46/00;
B01D 46/10; B01D 46/0002
See application file for complete search history.

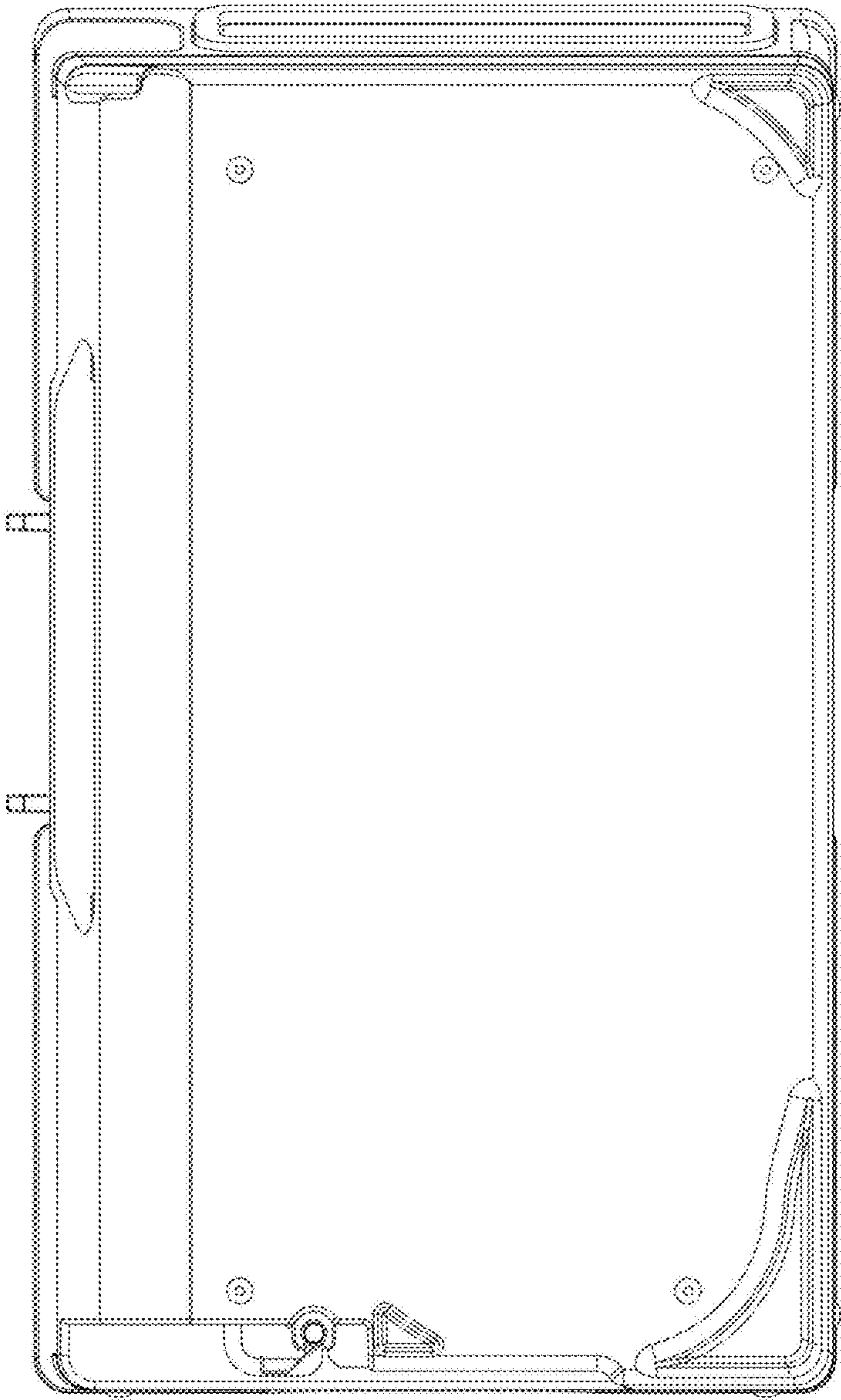
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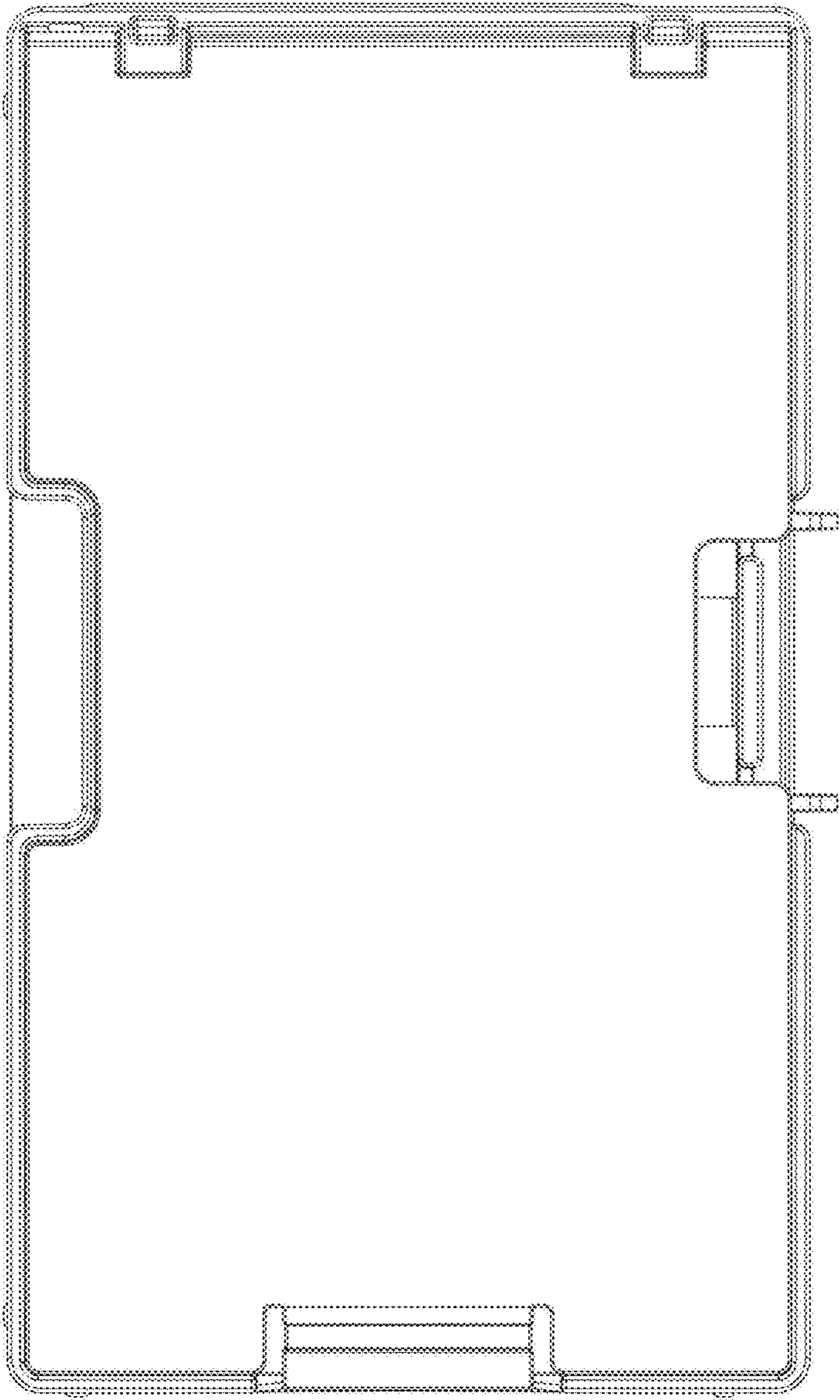
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D998,922	S	*	9/2023	Wang		D32/31
D998,923	S	*	9/2023	Qiu		D32/31
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D1,000,737	S	*	10/2023	Gong		D32/30
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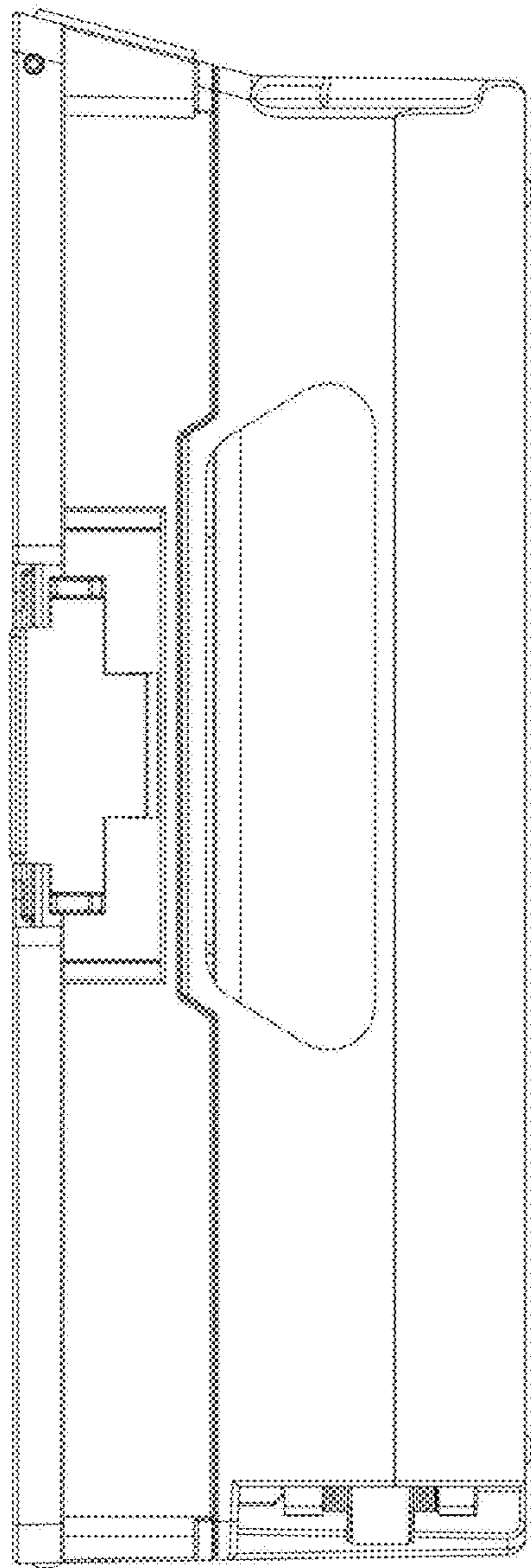
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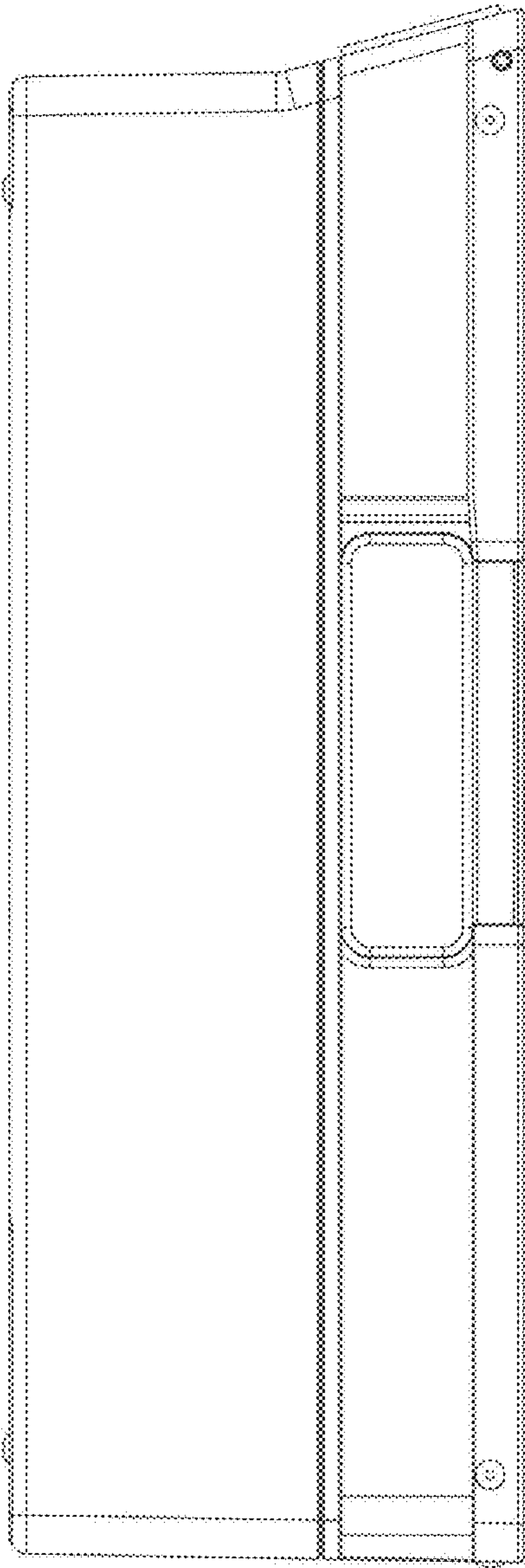
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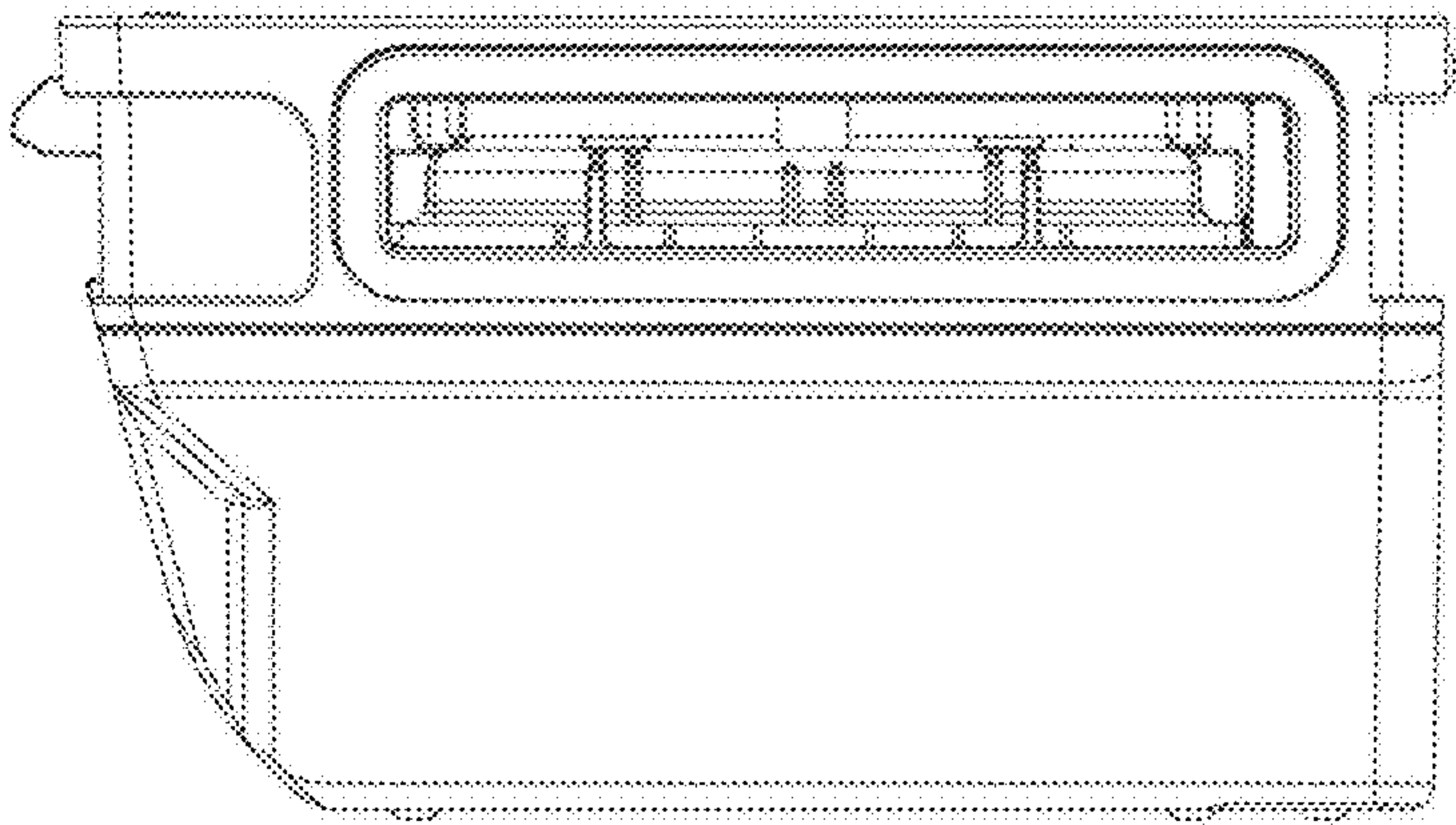
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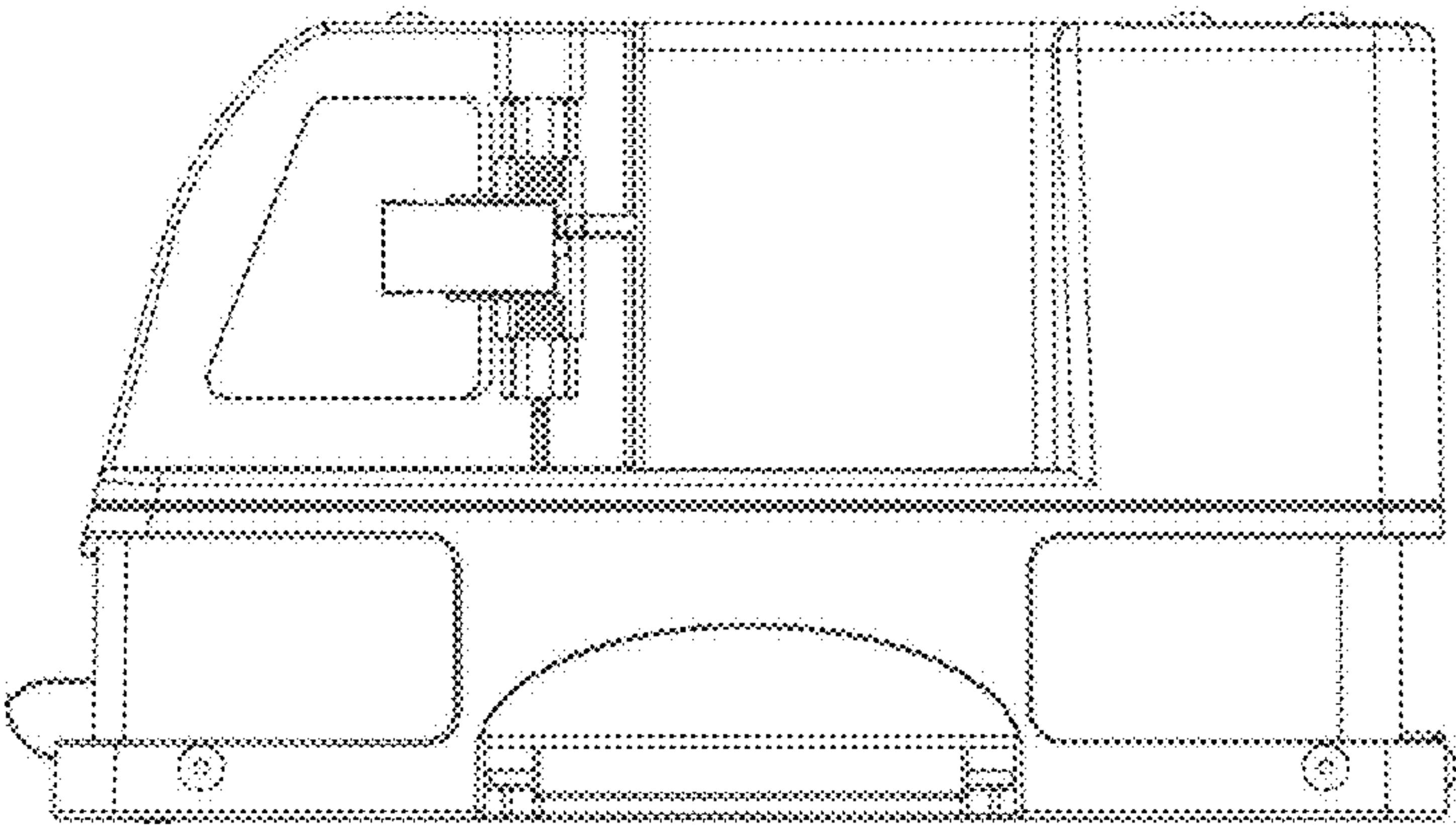
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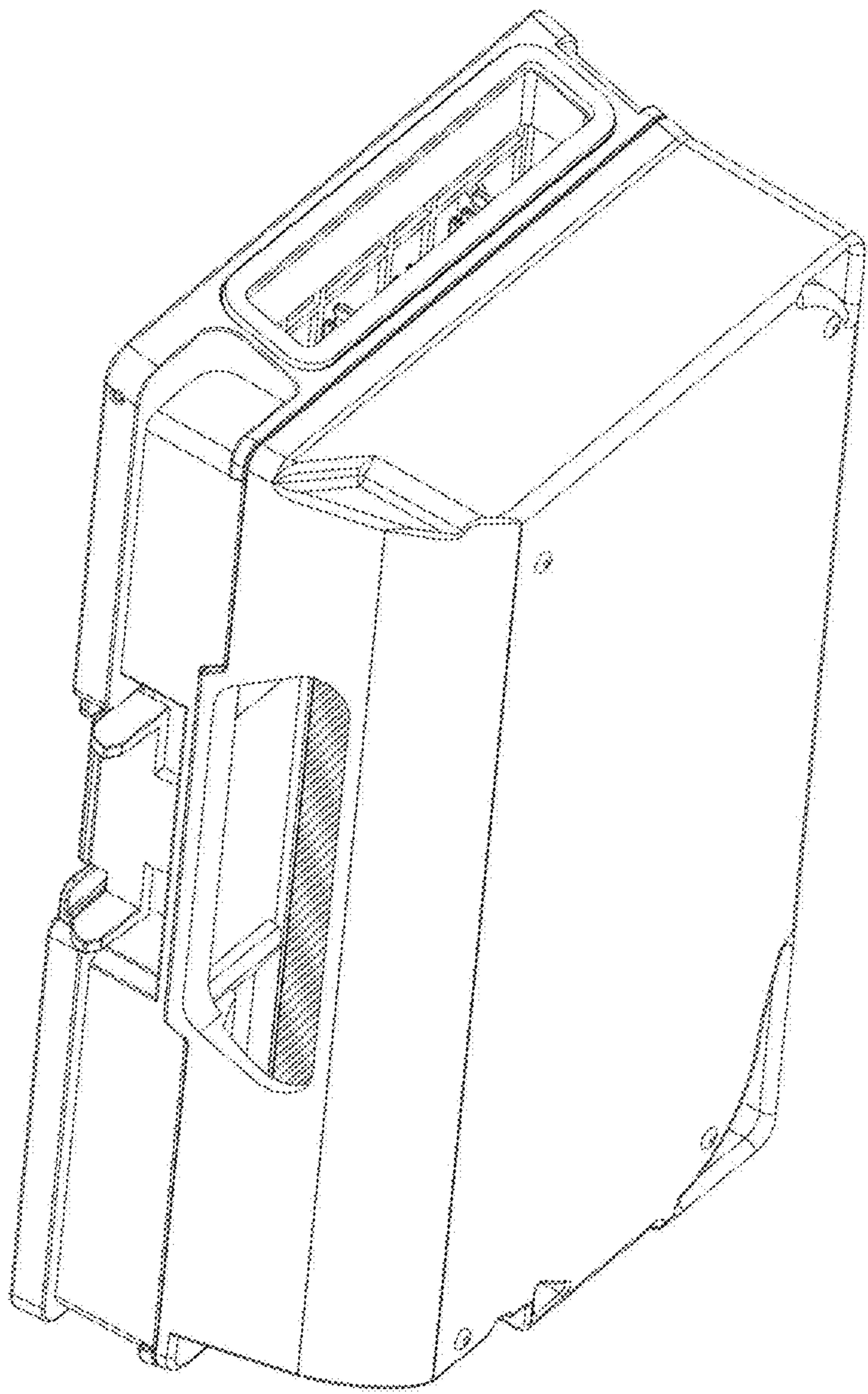
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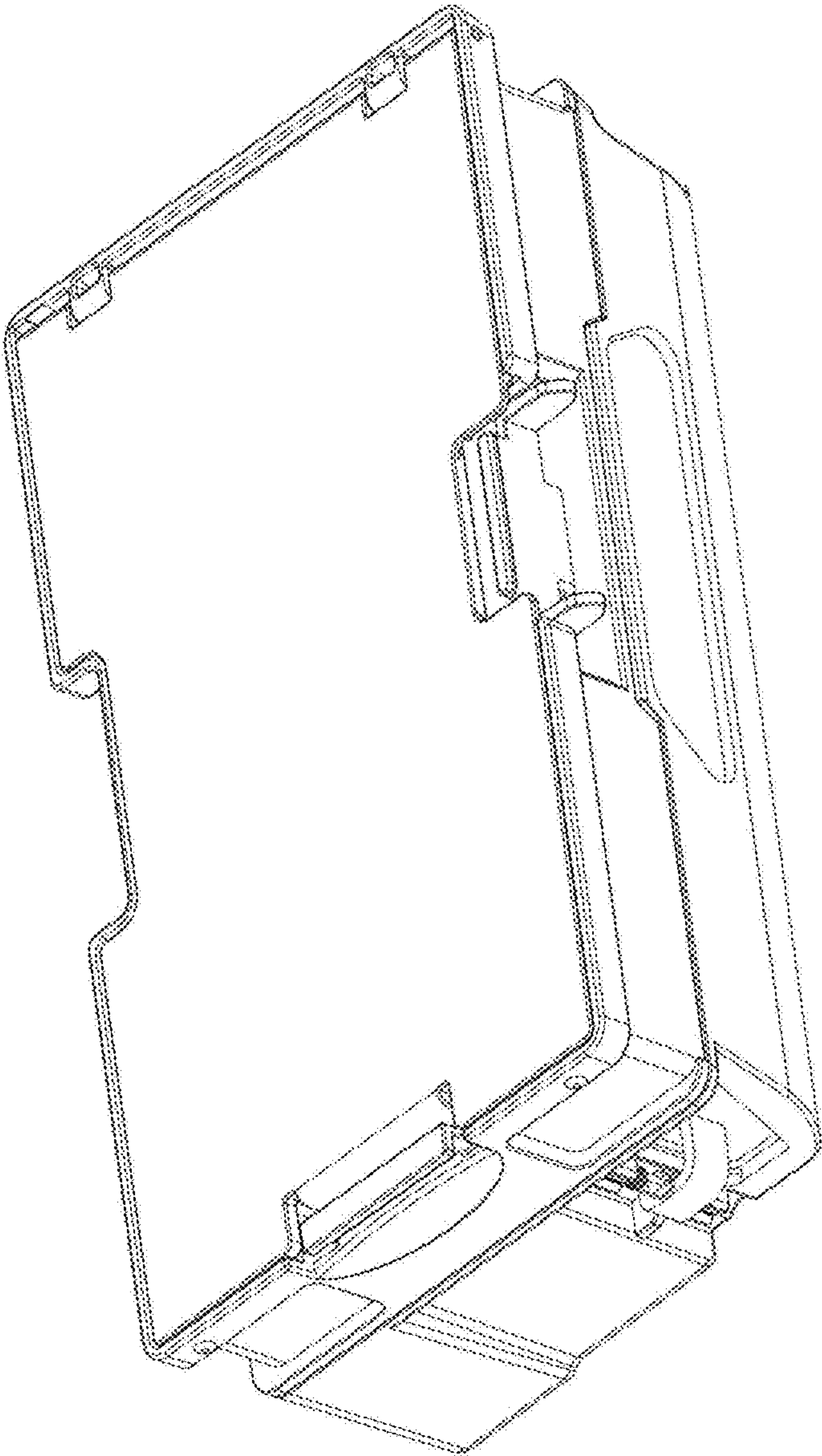
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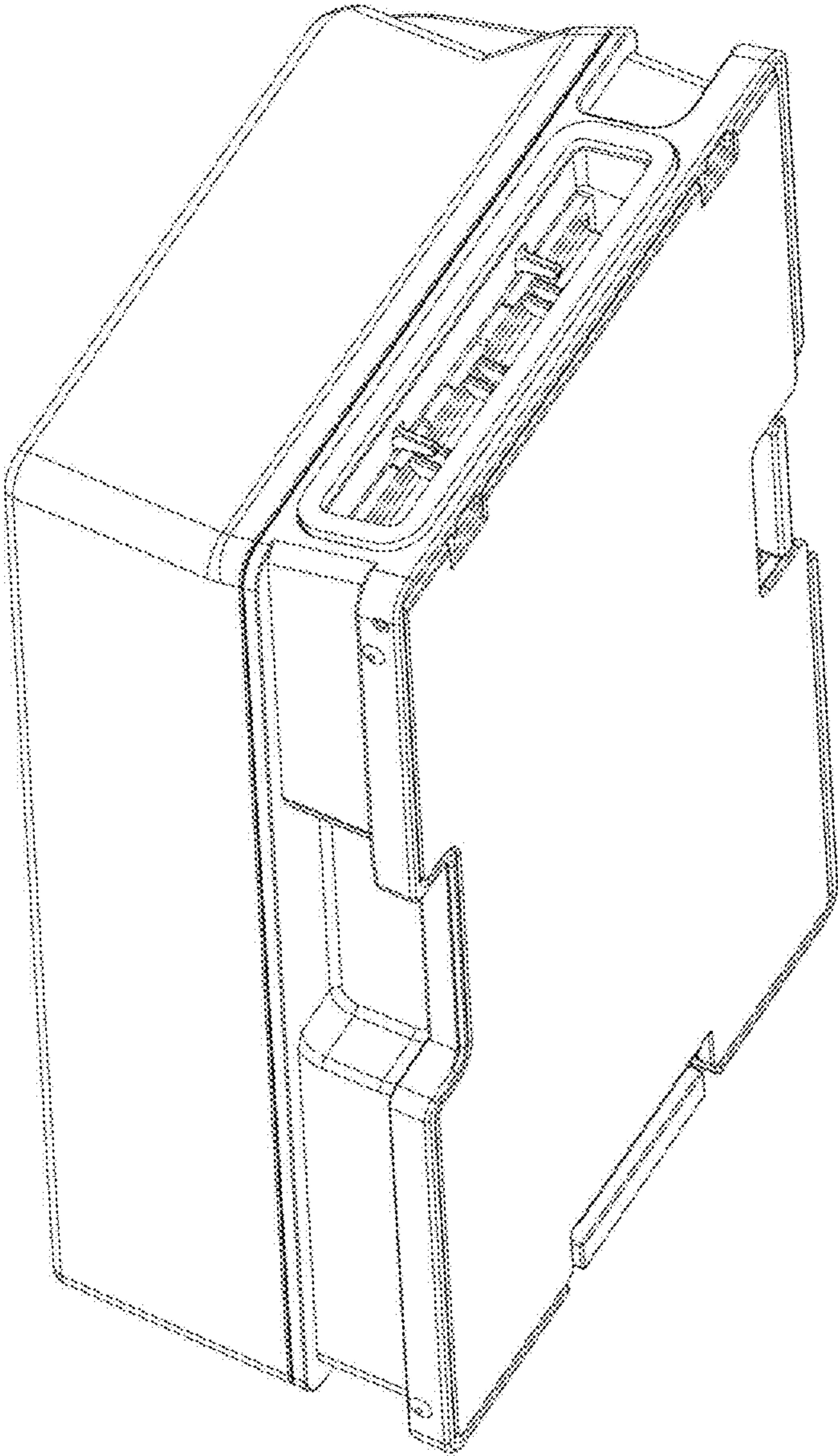
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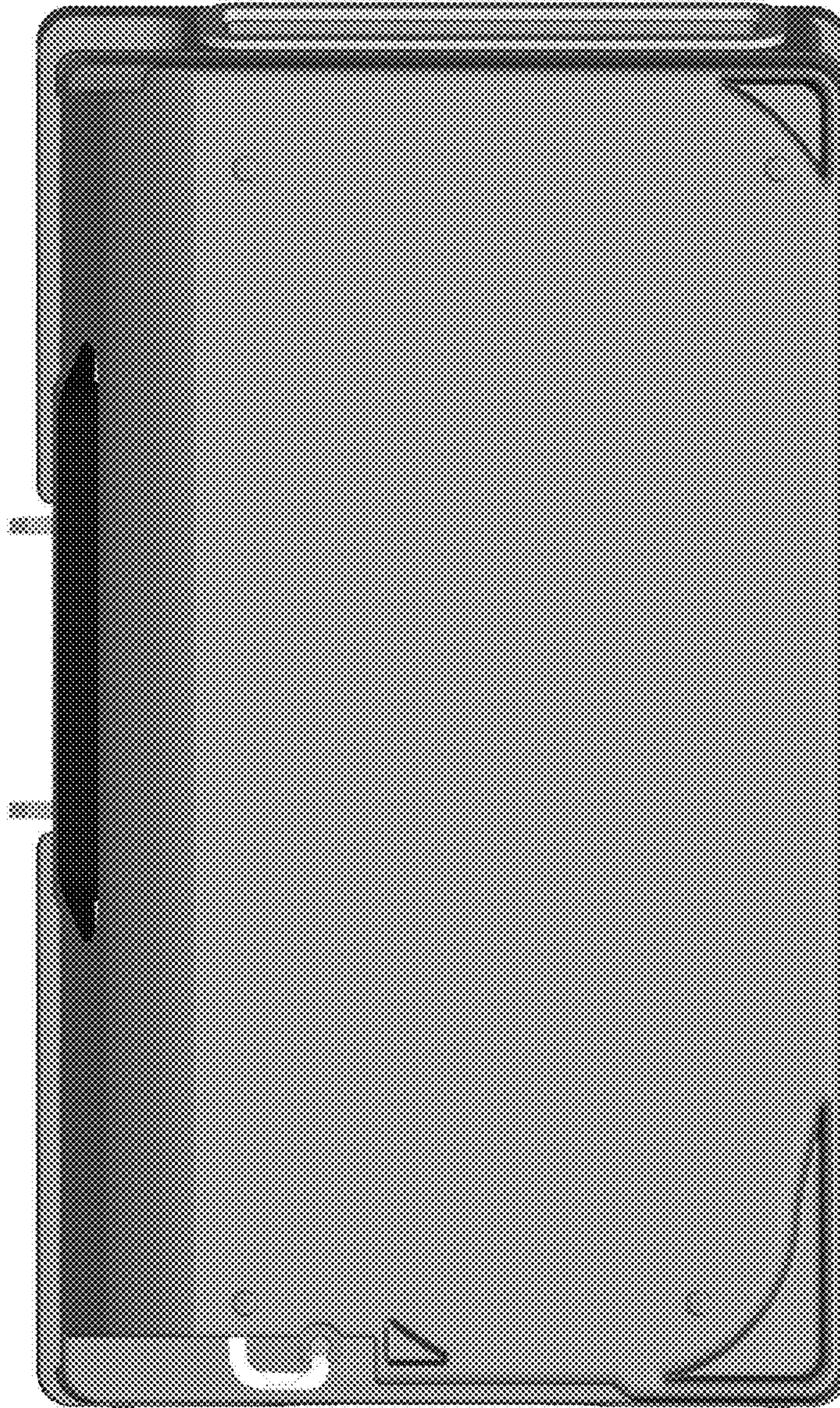
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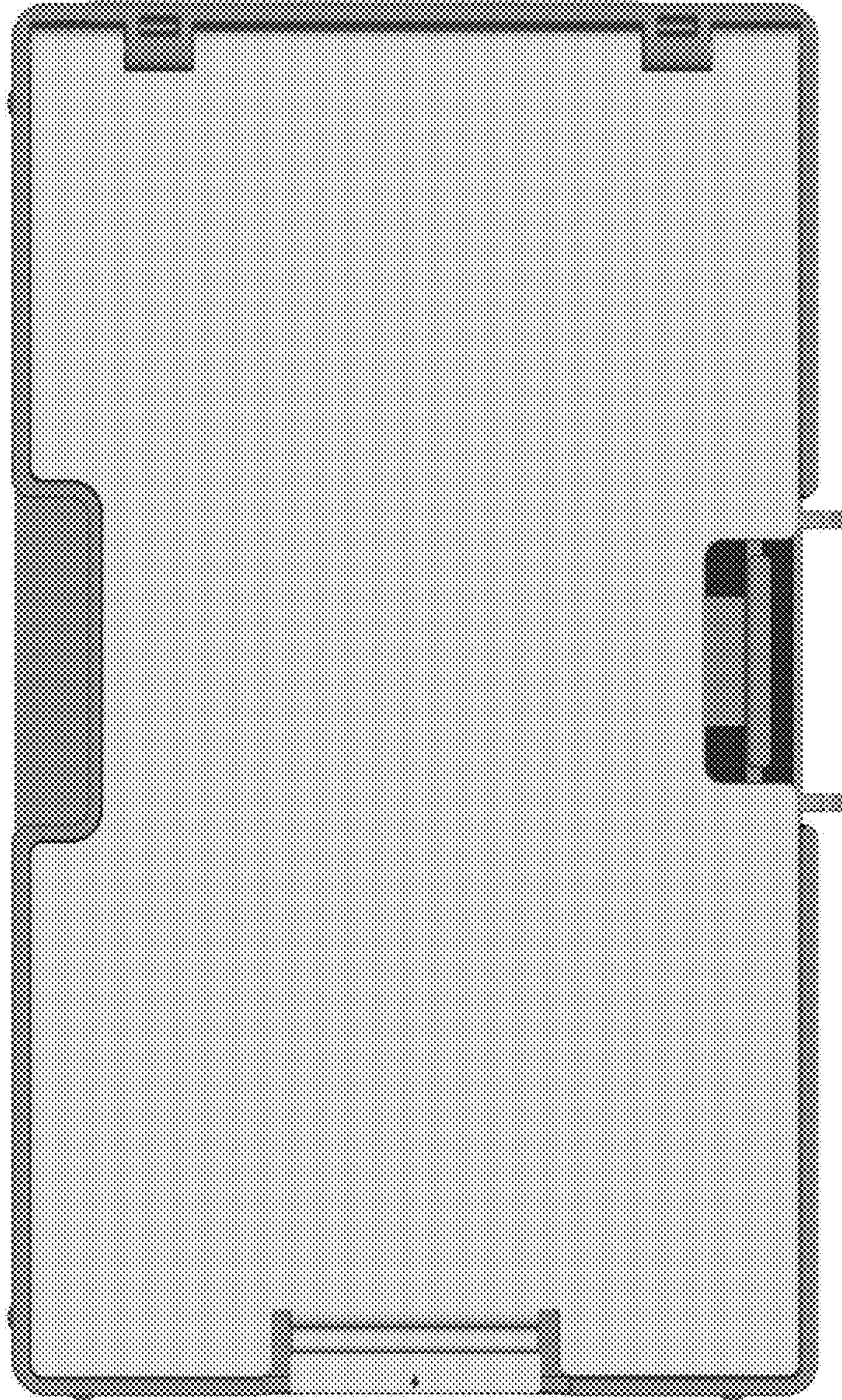
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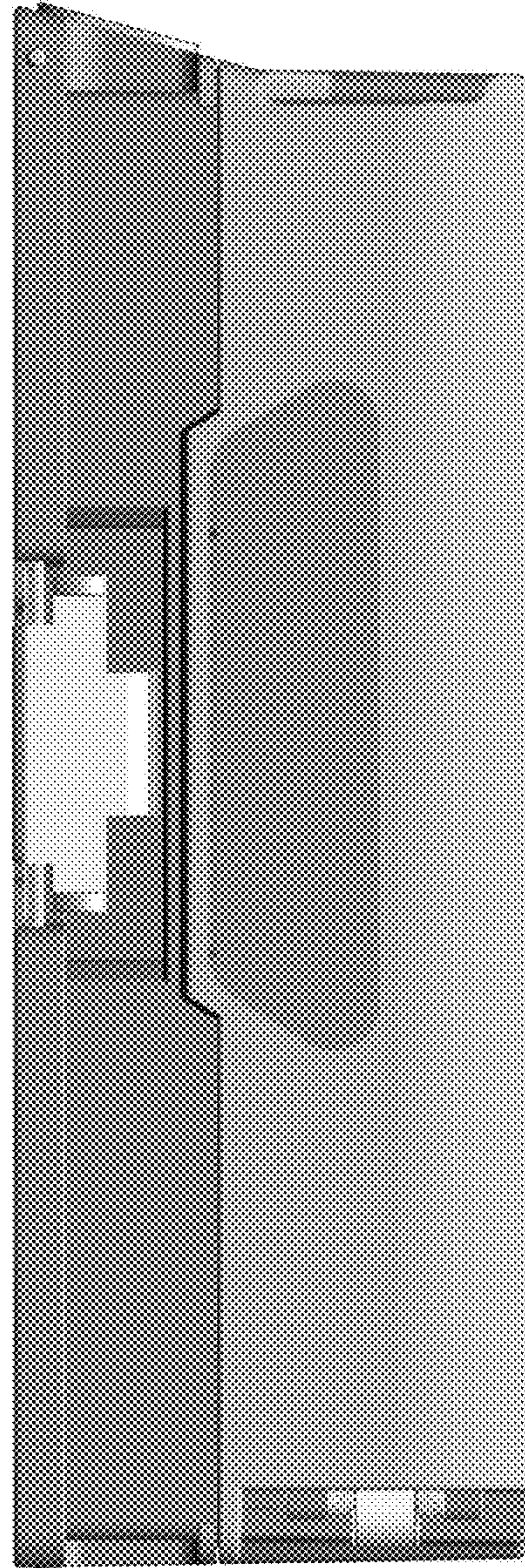
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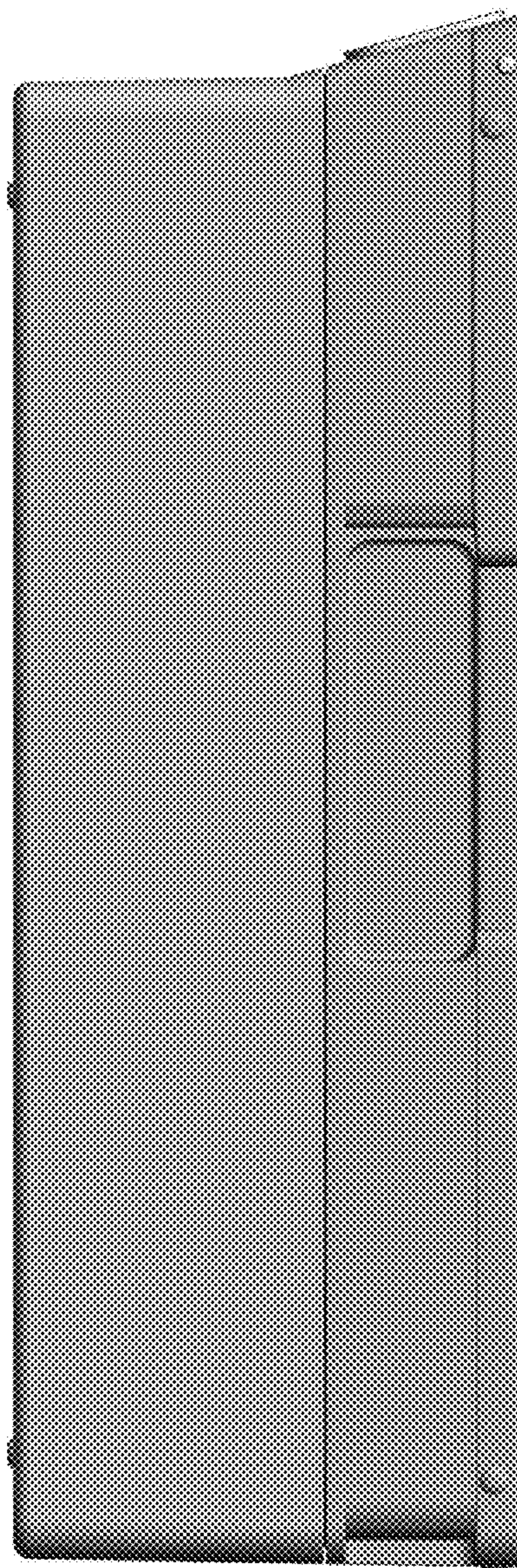
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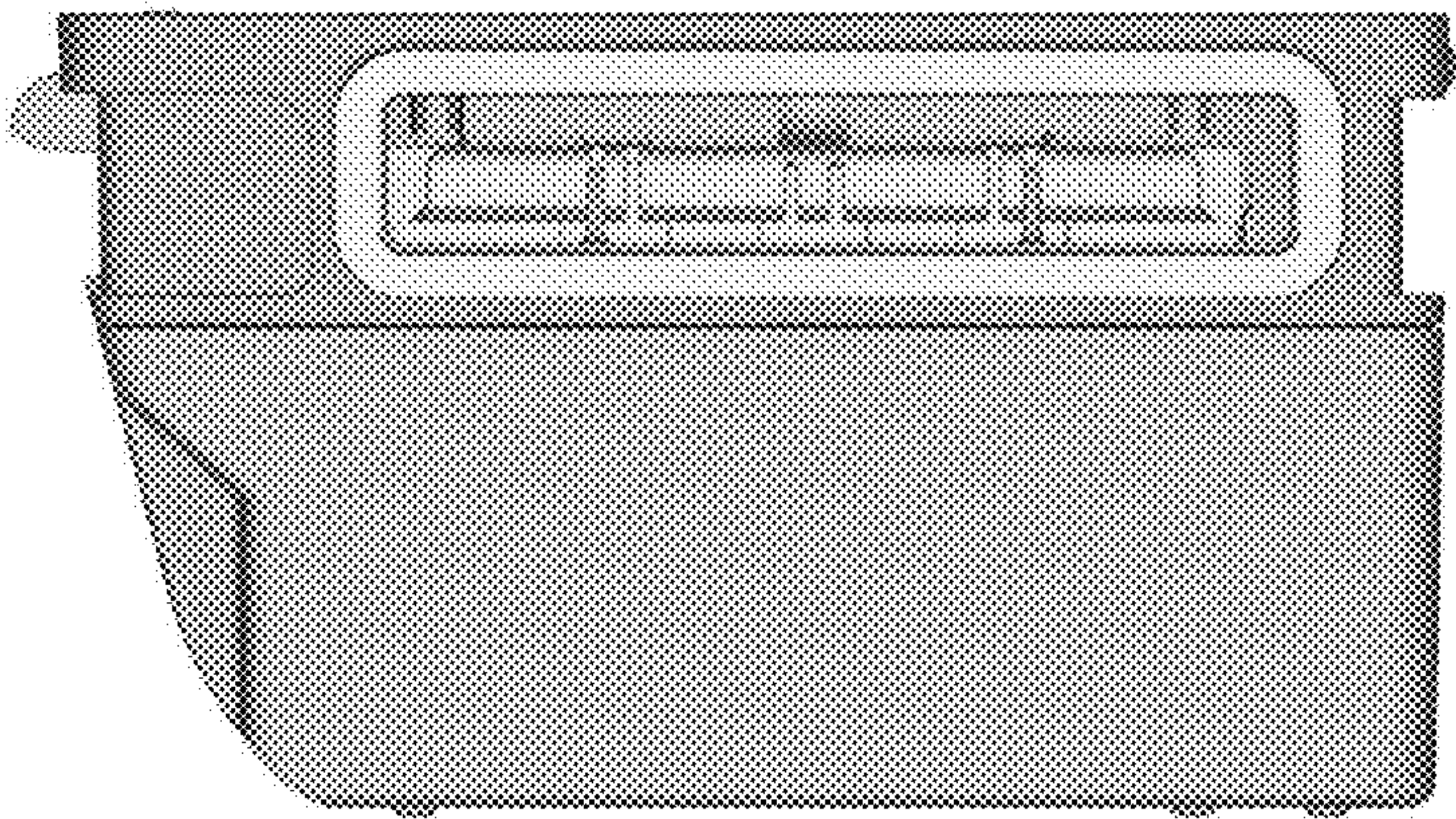
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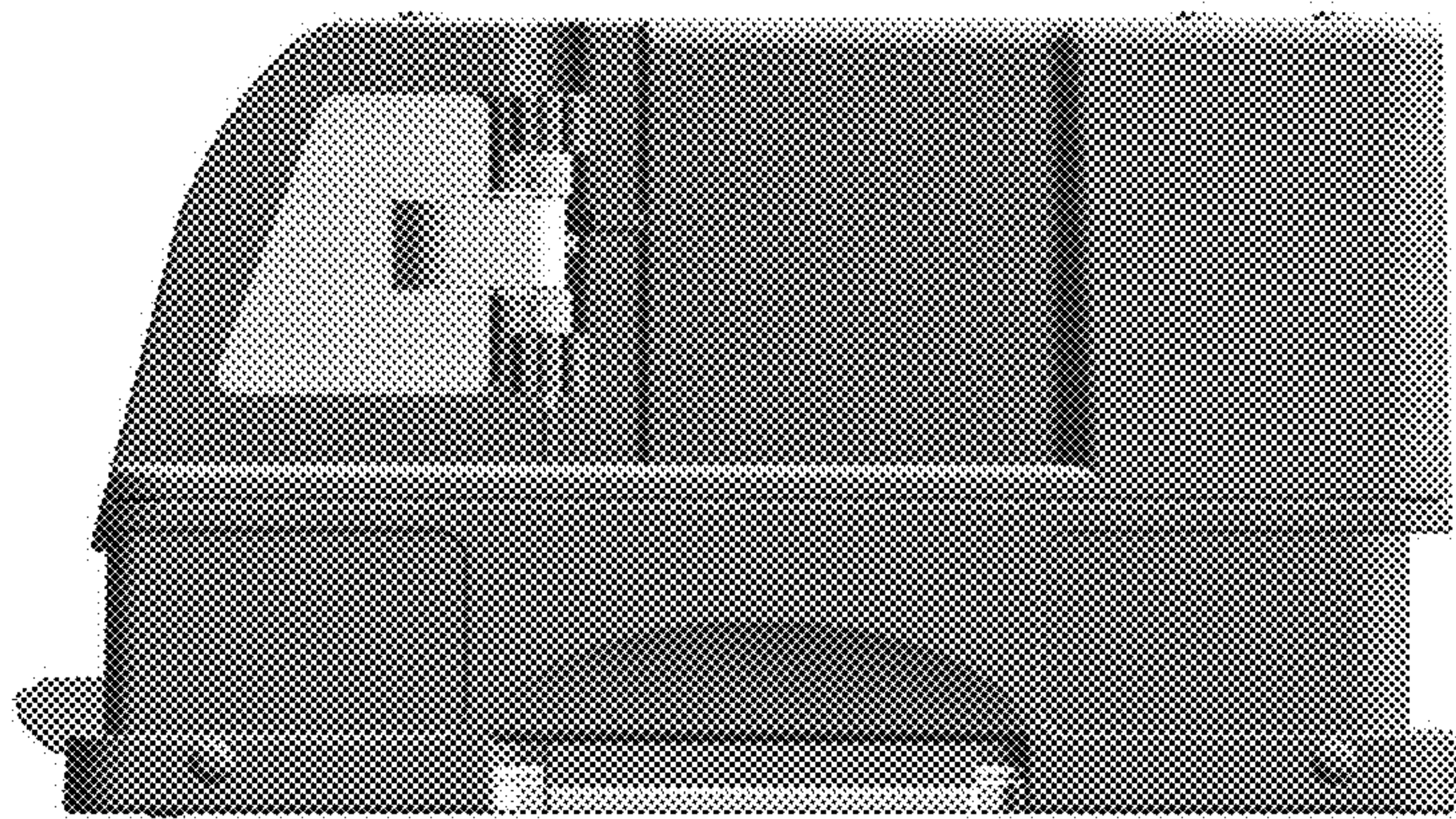
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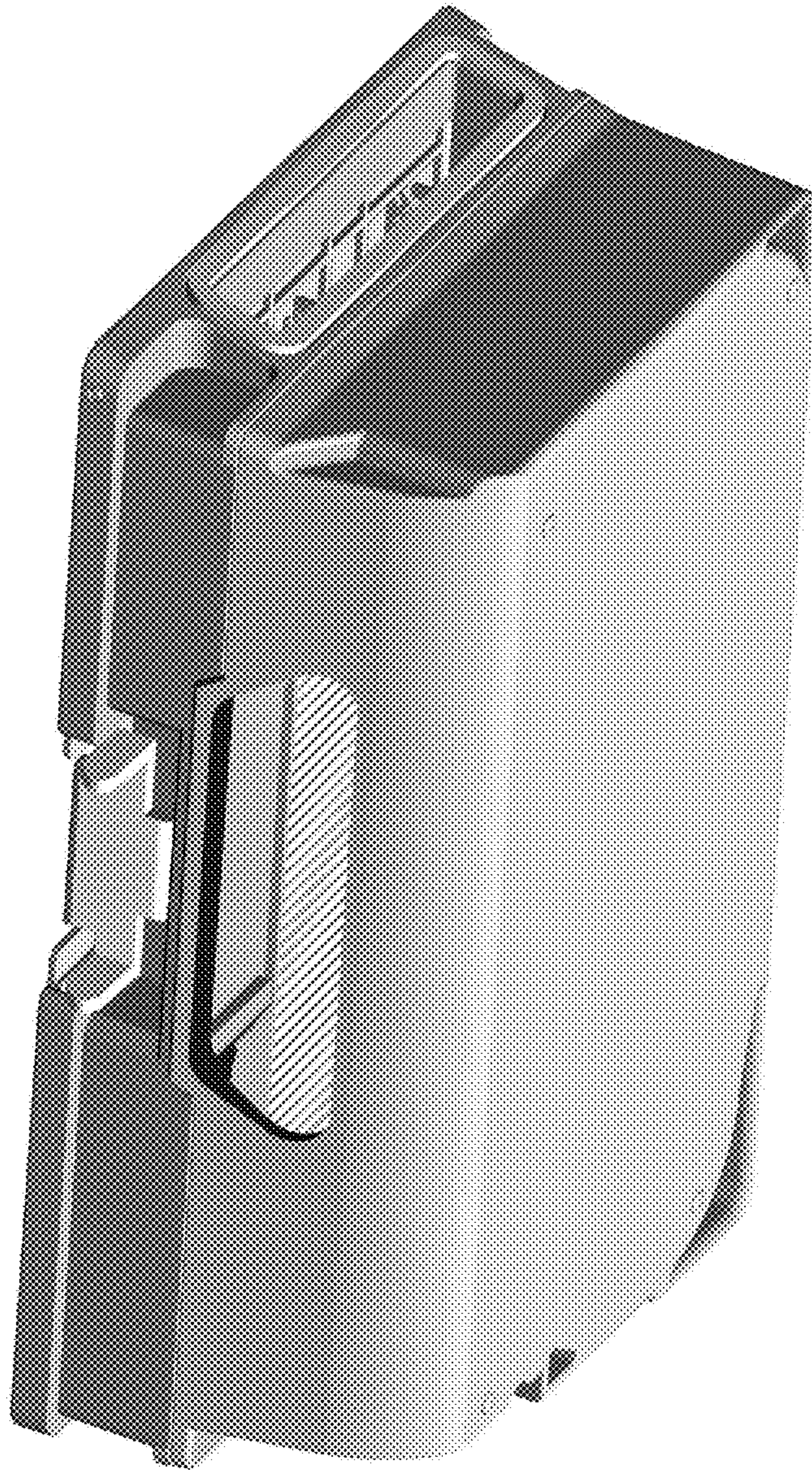
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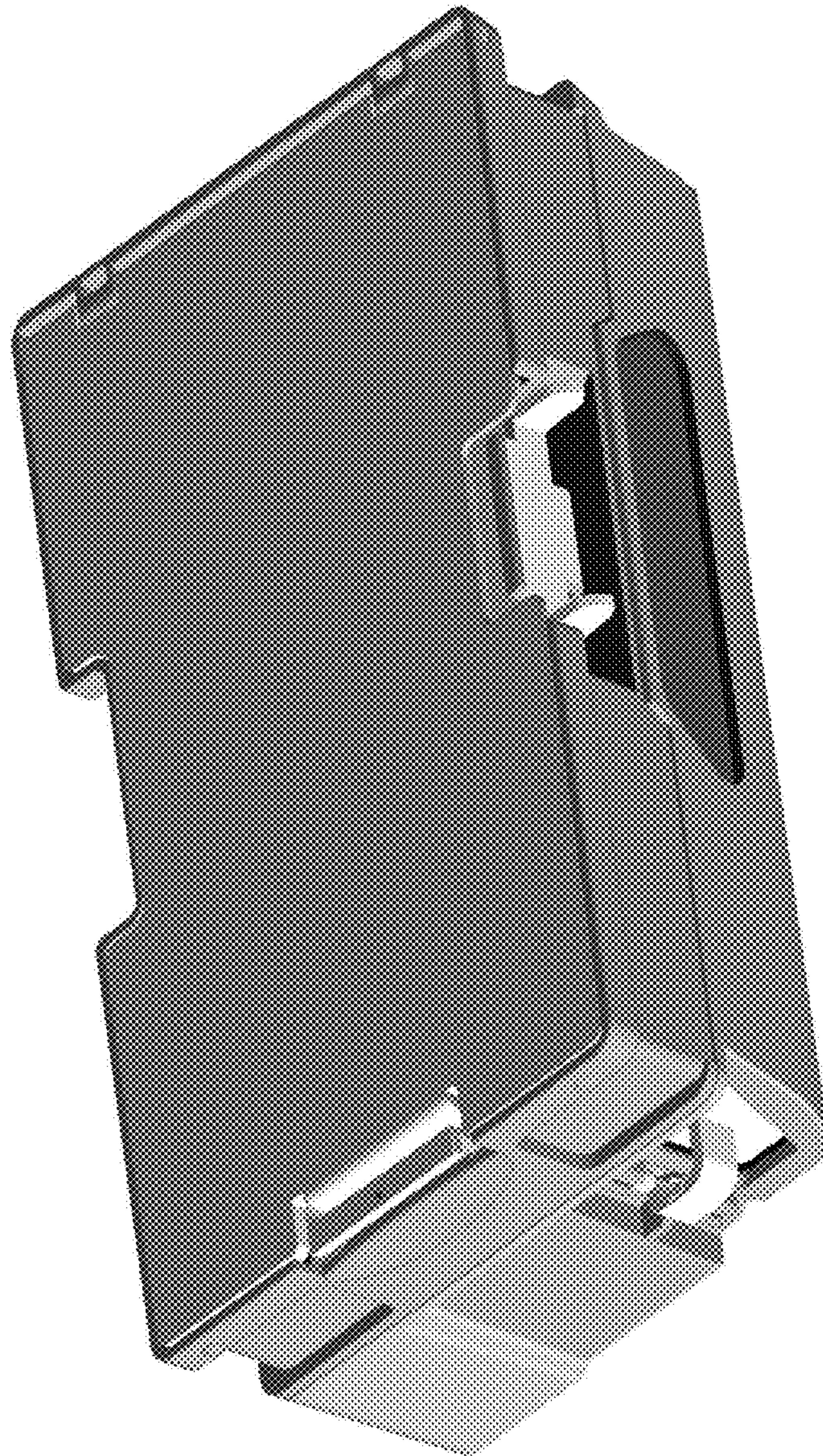
2.6



2.7



2.8



2.9

