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(12)

United States Design Patent

Cho et al.

(10)

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(45)

Date of Patent:

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(54) AIR CONDITIONER

(71) Applicant: LG Electronics Inc., Seoul (KR)

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(73) Assignee: LG ELECTRONICS INC., Seoul (KR)

(**) Term: 15 Years

(21) Appl. No.: 35/520,742

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(80) Hague Agreement Data

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Int. Reg. Pub. Date: May 3, 2024

(30) Foreign Application Priority Data

Oct. 28, 2022 (KR) 30-2022-0044295

(51) LOC (15) Cl. 23-04

(52) U.S. Cl.
USPC D23/333

(58) Field of Classification Search
USPC D26/333, 351–354
(Continued)

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Primary Examiner — Natasha Vujcic
(74) Attorney, Agent, or Firm — Birch, Stewart, Kolasch & Birch, LLP

(57) CLAIM

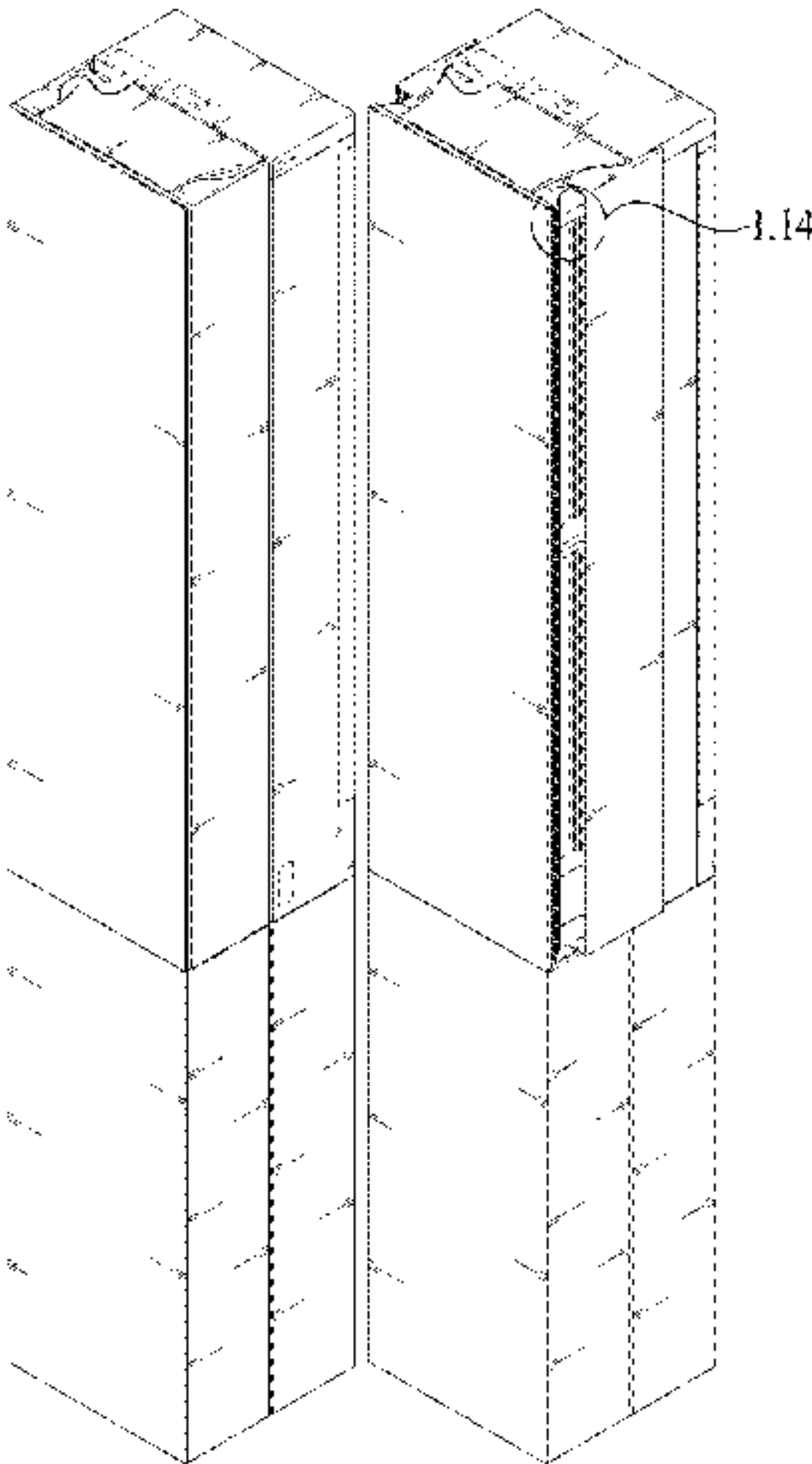
The ornamental design for an air conditioner as shown and described.

DESCRIPTION

1. Air conditioner
1.1 : Perspective
1.2 : Front
1.3 : Back
1.4 : Left
1.5 : Right
1.6 : Top
1.7 : Bottom
1.8 : Perspective view 2
1.9 : Front view 2
1.10 : Back view 2
1.11 : Left view 2
1.12 : Top view 2
1.13 : Bottom view 2
1.14 : Partial enlarged view
1.15 : Perspective view 3
1.16 : Perspective view 4
1.17 : Front view 3
1.18 : Back view 3
1.19 : Left view 3
1.20 : Right view 2
1.21 : Top view 3
1.22 : Bottom view 3
1.23 : Perspective view 5
1.24 : Perspective view 6
1.25 : Front view 4
1.26 : Back view 4
1.27 : Left view 4
1.28 : Right view 3
1.29 : Top view 4
1.30 : Bottom view 4
1.31 : Perspective view 7

The broken lines depict portions of the air conditioner that form no part of the claimed design; the portions of the design shown in the color gray in reproductions 1.8, 1.9, 1.11, 1.15, 1.16, 1.17, 1.19, 1.23 and 1.25 illustrate portions of the air conditioner that form no part of the claimed design; this design is for an air conditioner with sliding doors on both

(Continued)



sides, and the outlet is not exposed when not in use; this design can control the direction and strength of wind by opening the both sides sliding doors at the same time, or one of the two (right or left) side sliding doors; reproductions 1.1 to 1.7 show the state in which the sliding doors have been closed, reproductions 1.8 to 1.15 show the state in which the right and left sliding doors have been opened, reproductions 1.16 to 1.23 show the state in which the sliding door at left has been opened, reproductions 1.24 to 1.31 show the state in which the sliding door at right has been opened; reproduction 1.14 is a partial enlarged view of the area ‘1.14’ as identified reproduction 1.8; reproductions 1.15, 1.23 and 1.31 are perspective views showing the use state in which the display part is operated.

1 Claim, 31 Drawing Sheets

(58) Field of Classification Search

CPC F24F 1/00; F24F 1/0007; F24F 1/02; F24F 1/08; F24F 1/42; F24F 1/56; F24F 1/60; F24F 3/044; F24F 3/048; F24F 3/16; G05D 23/1905; G05D 23/1932; G05D

23/1902; G05D 23/1931; G05B 19/0426; G05B 19/409; G05B 15/02

See application file for complete search history.

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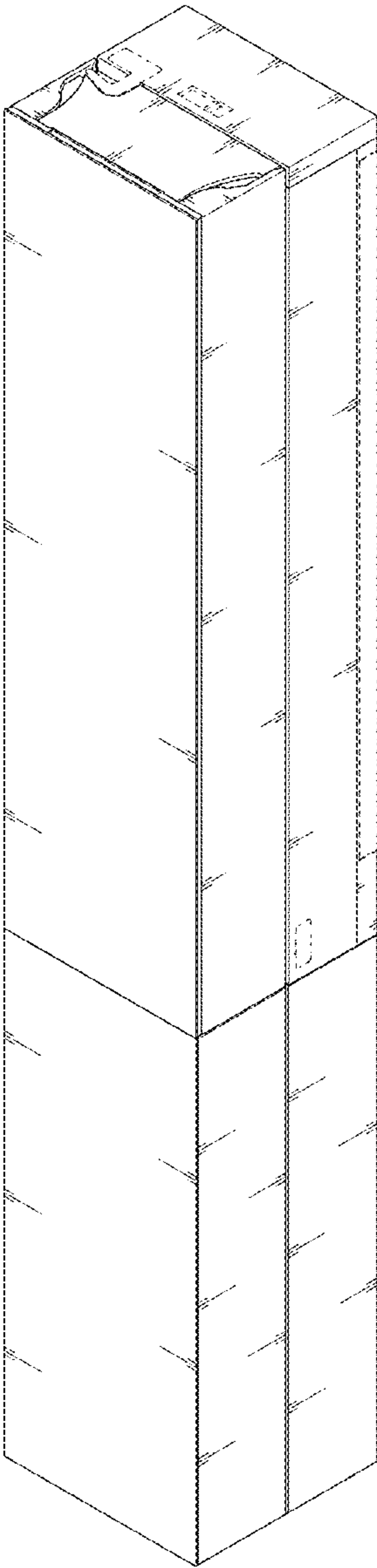
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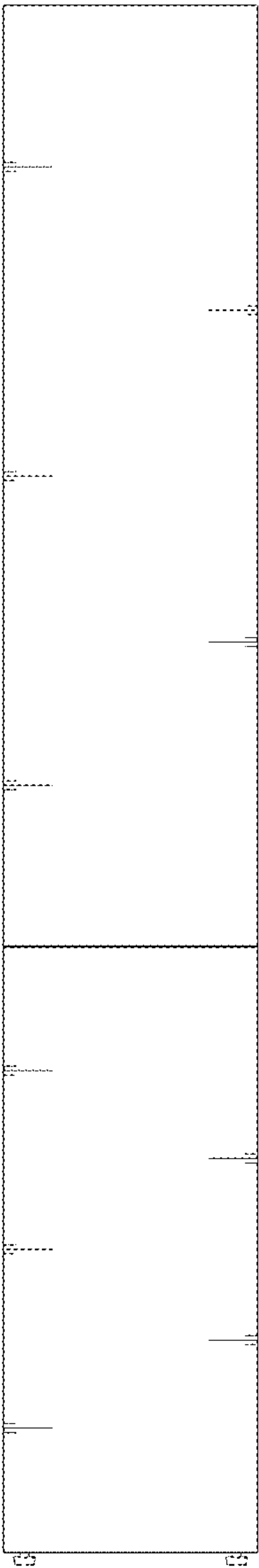
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D1,017,007	S	*	3/2024	Baek		D23/351
D1,017,010	S	*	3/2024	Baek		D23/351
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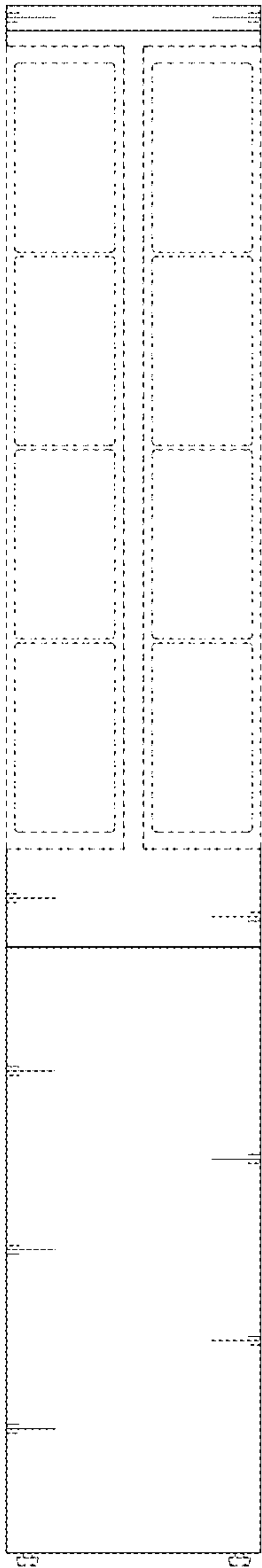
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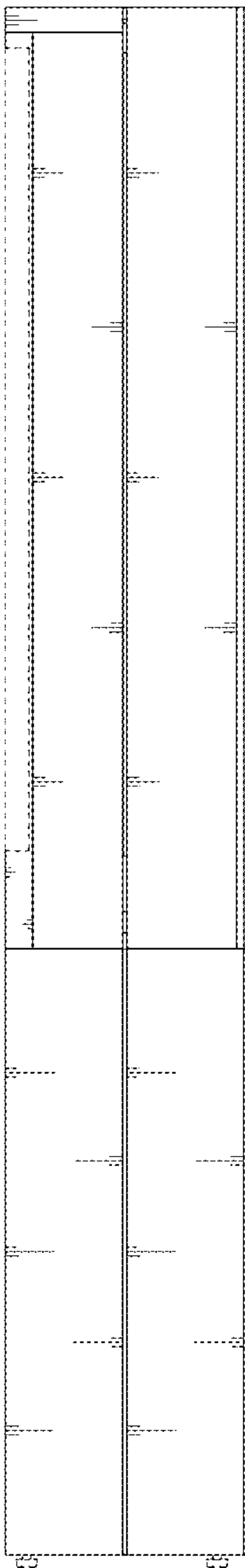
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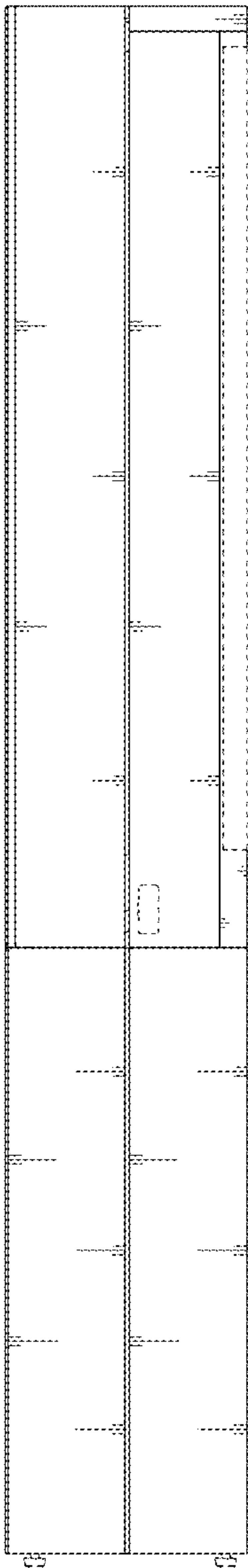
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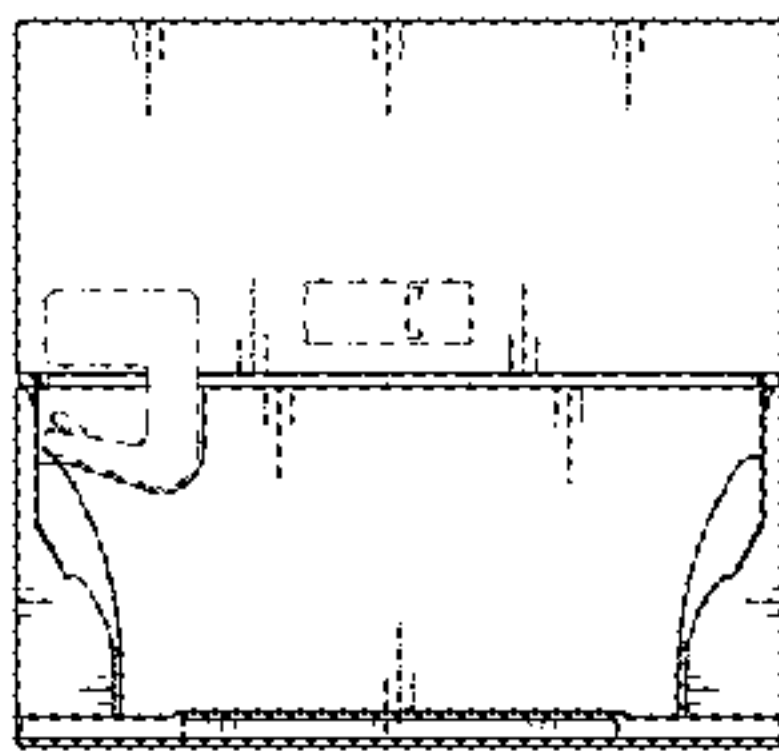
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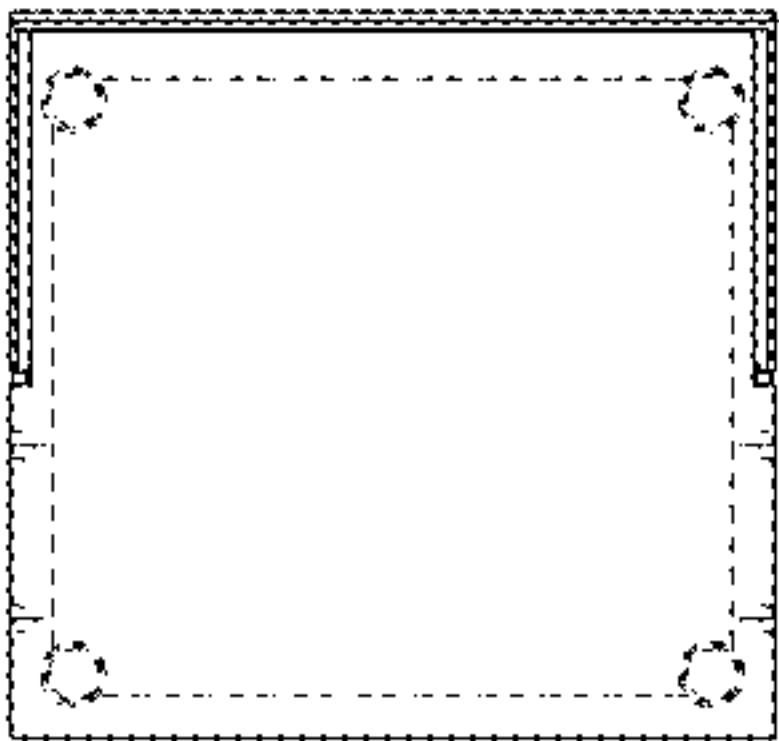
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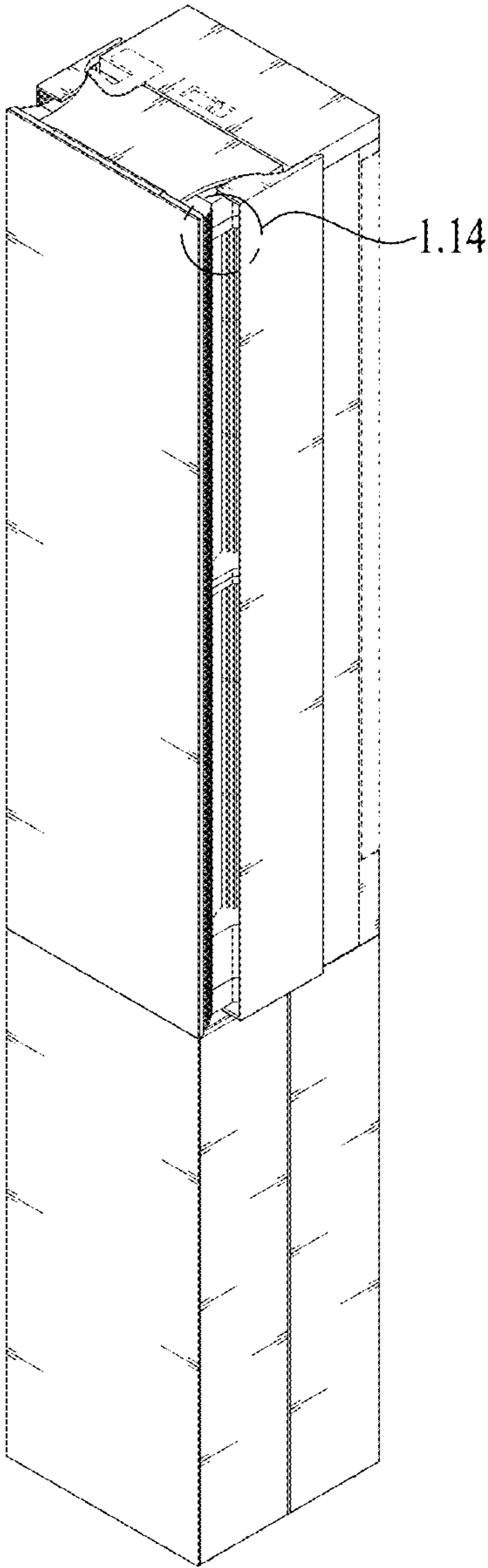
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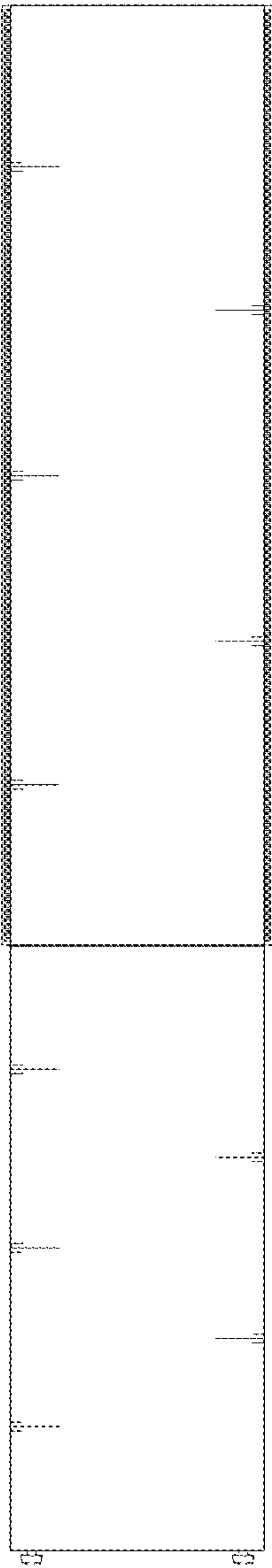
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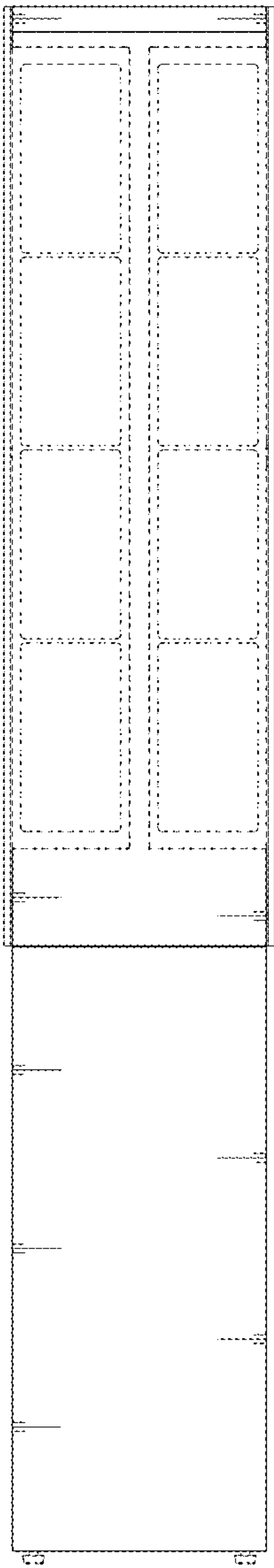
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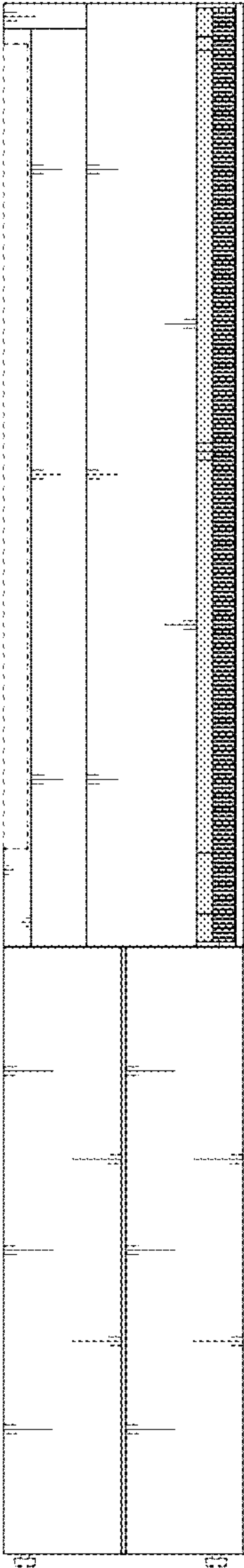
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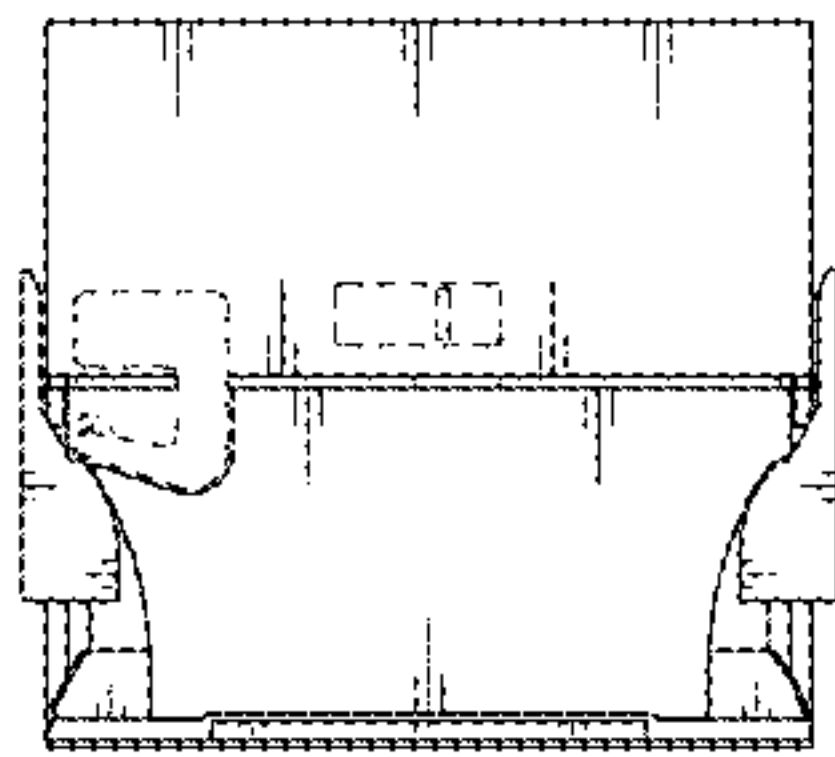
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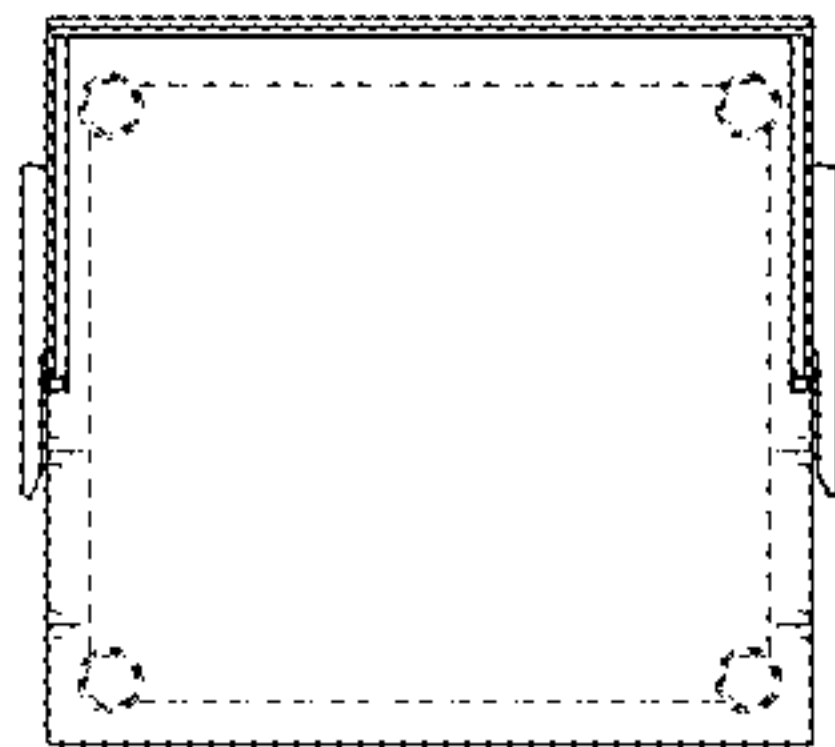
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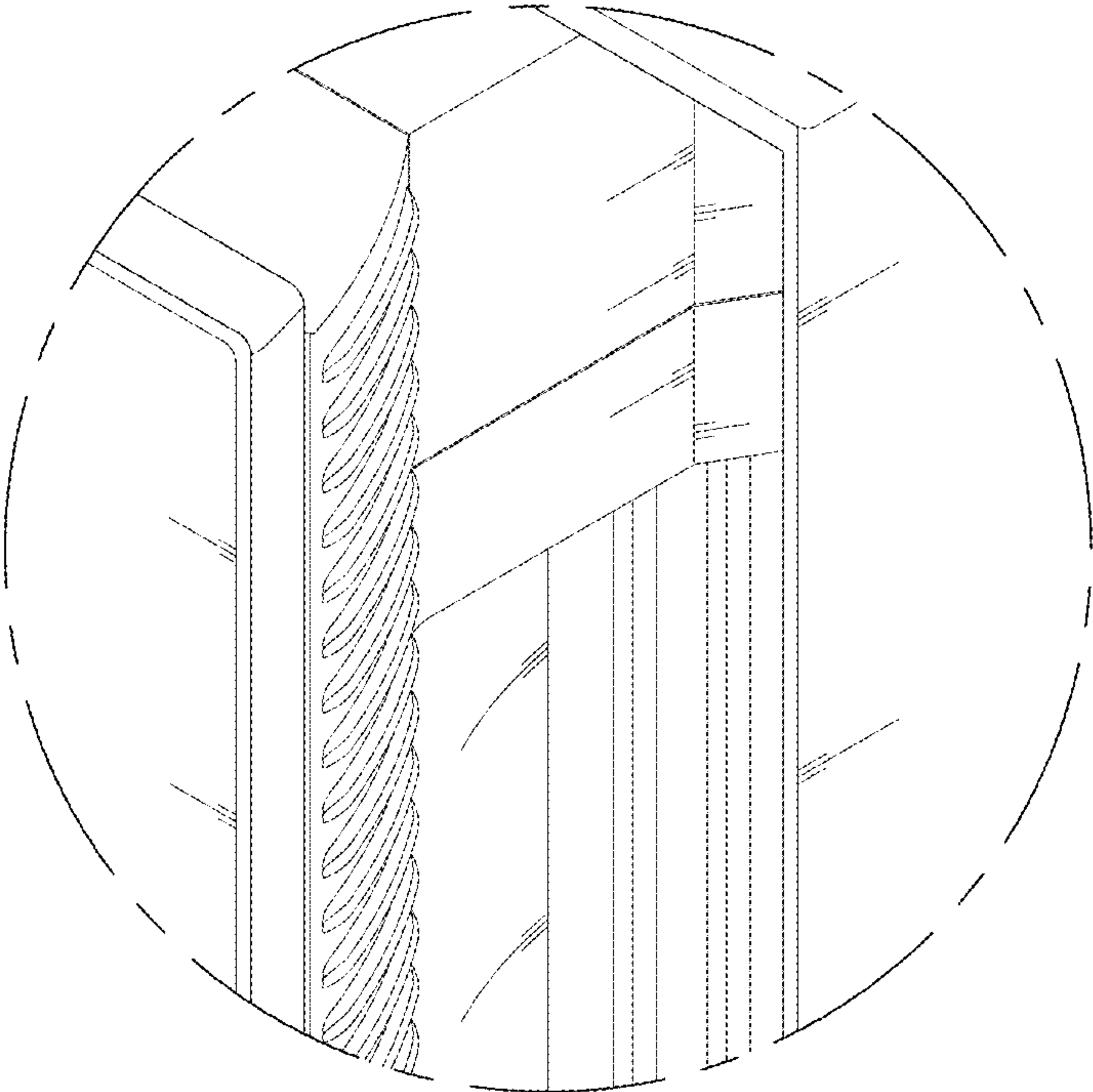
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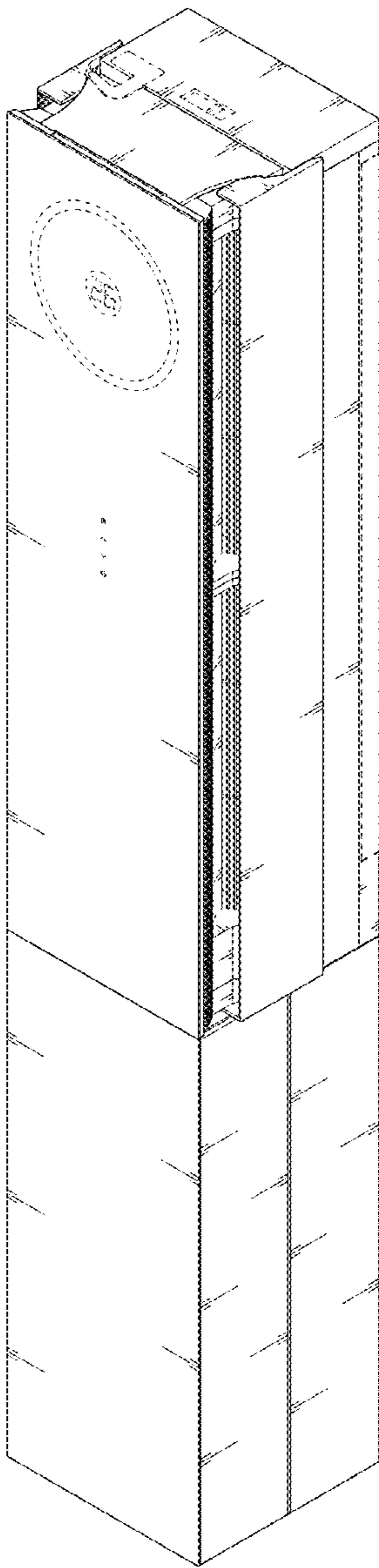
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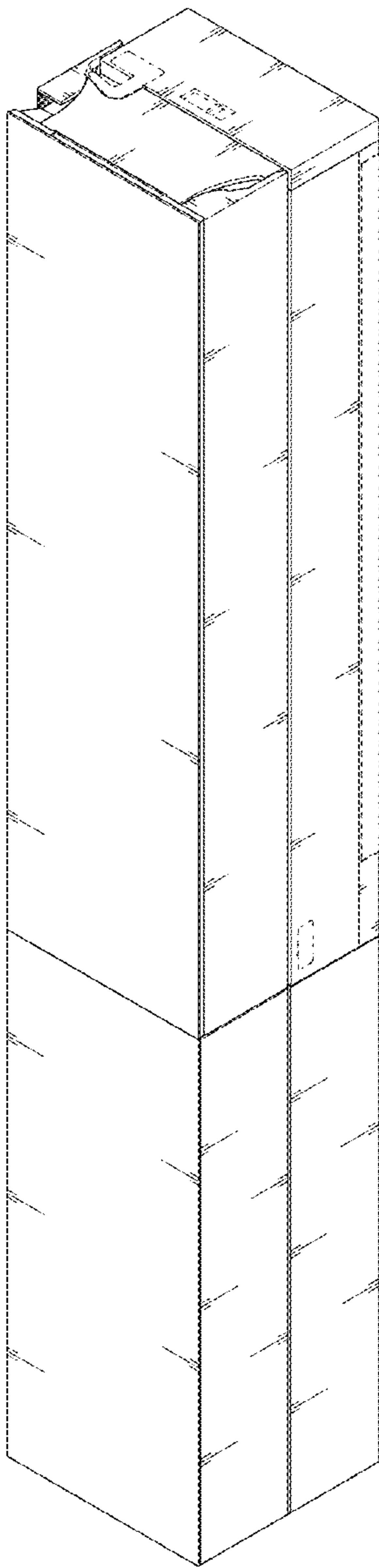
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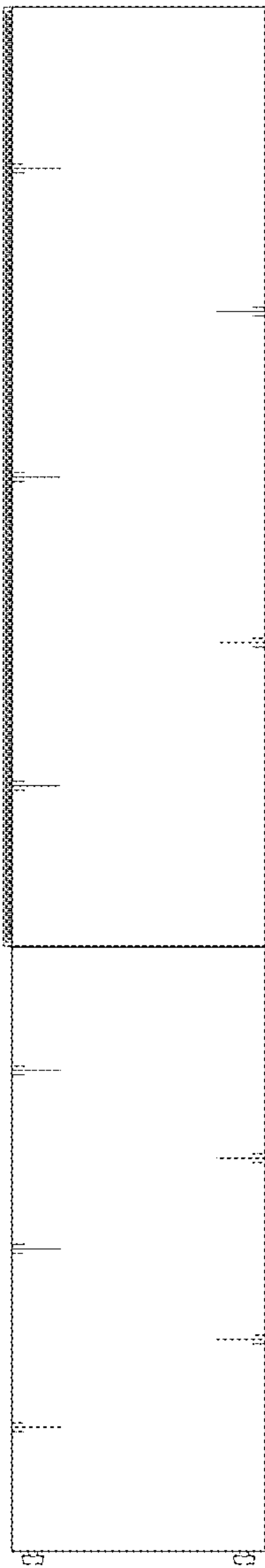
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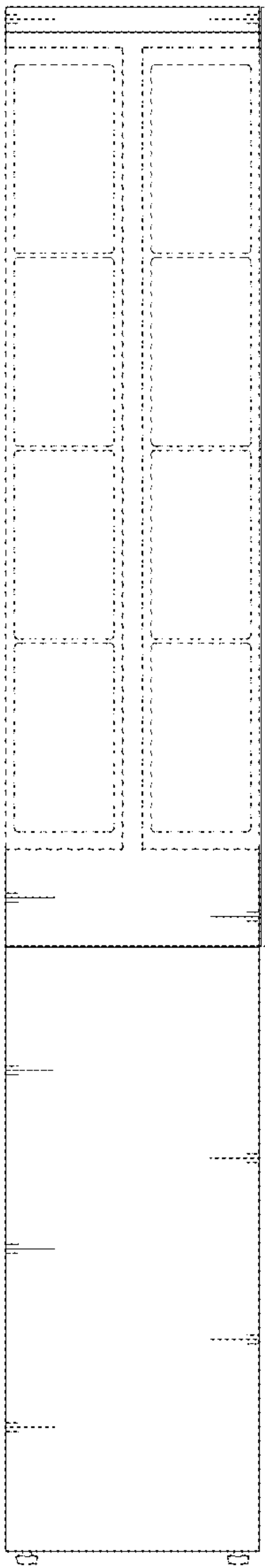
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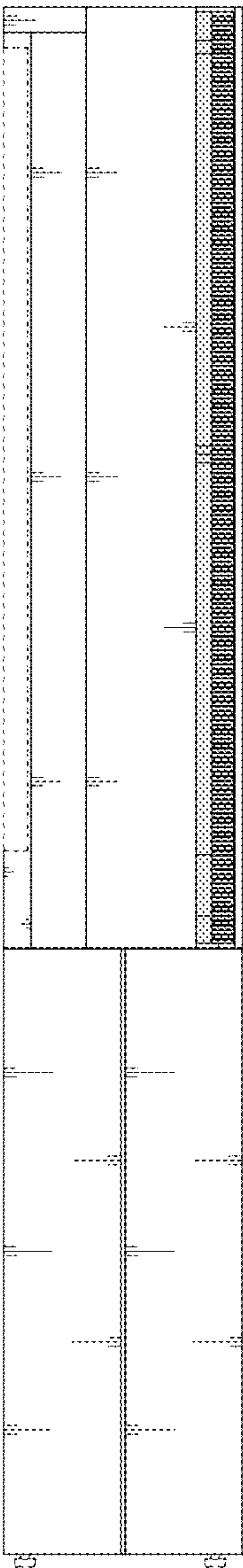
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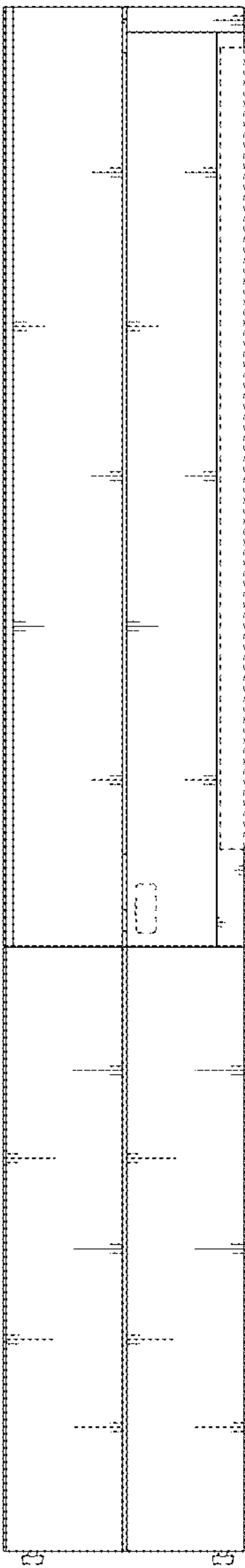
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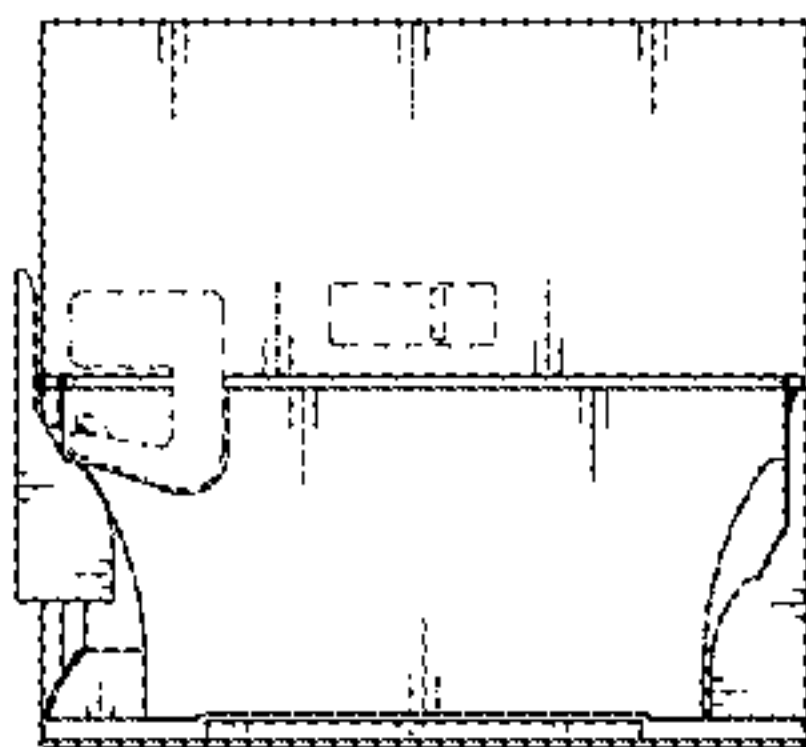
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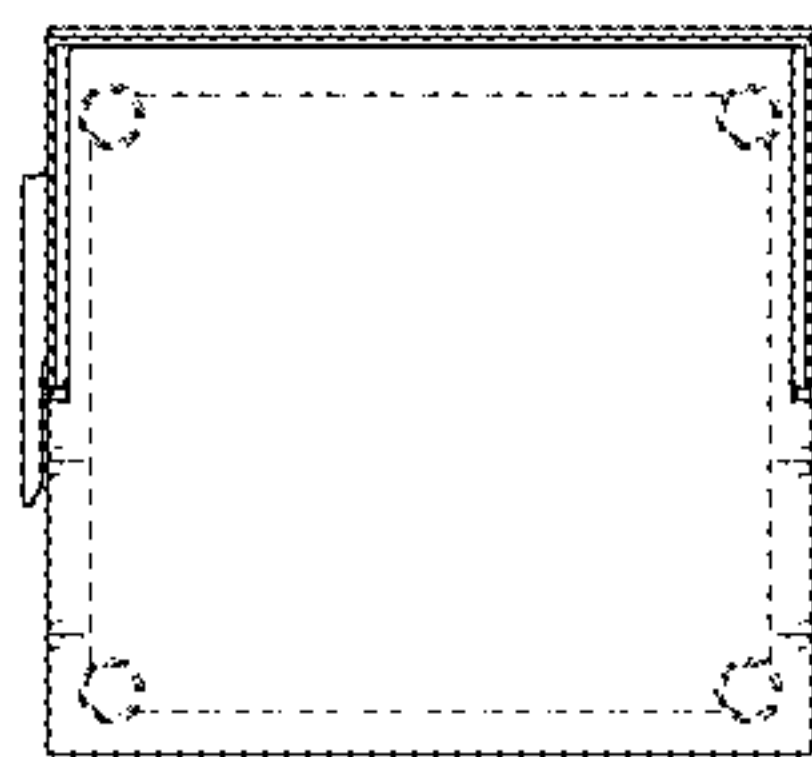
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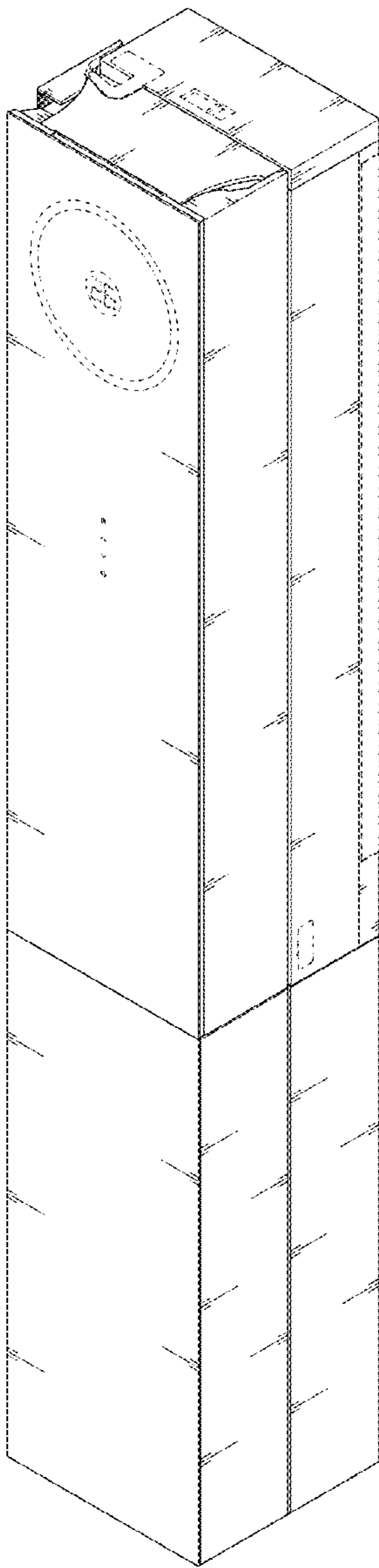
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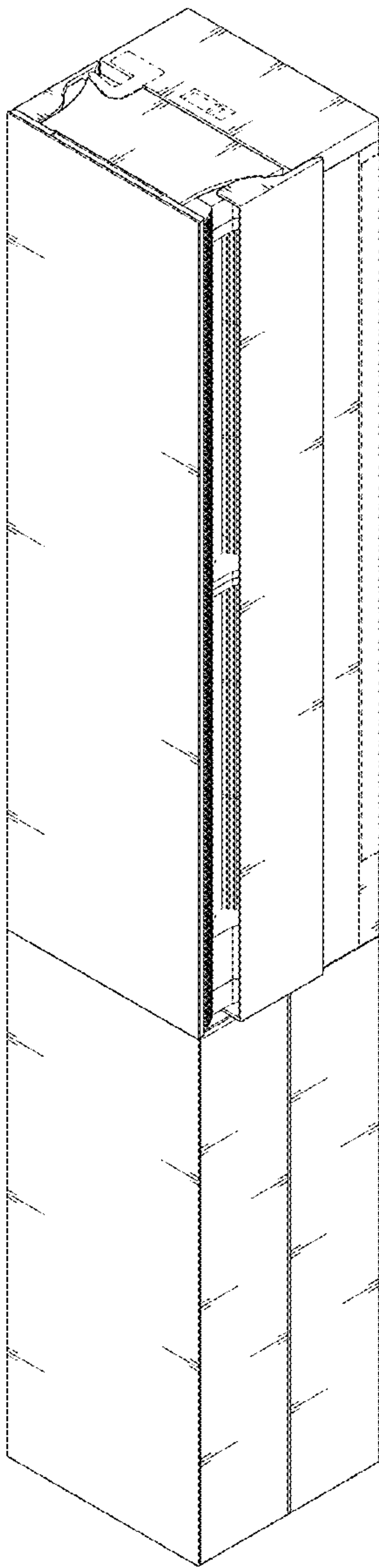
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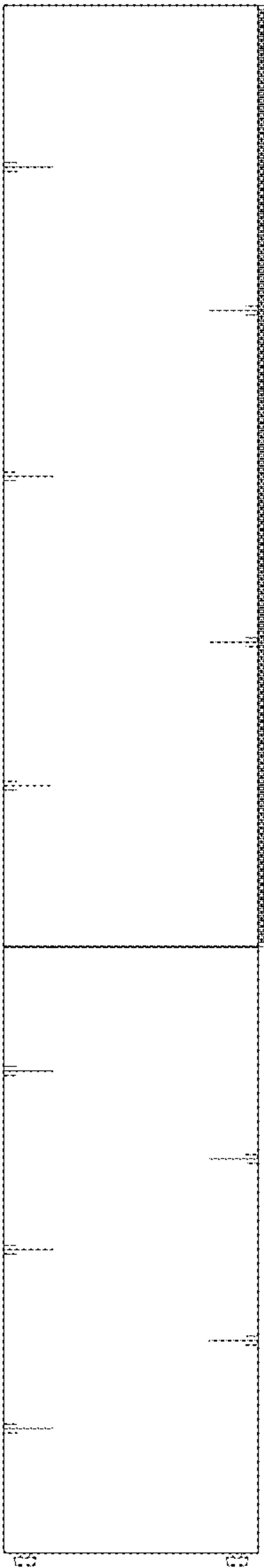
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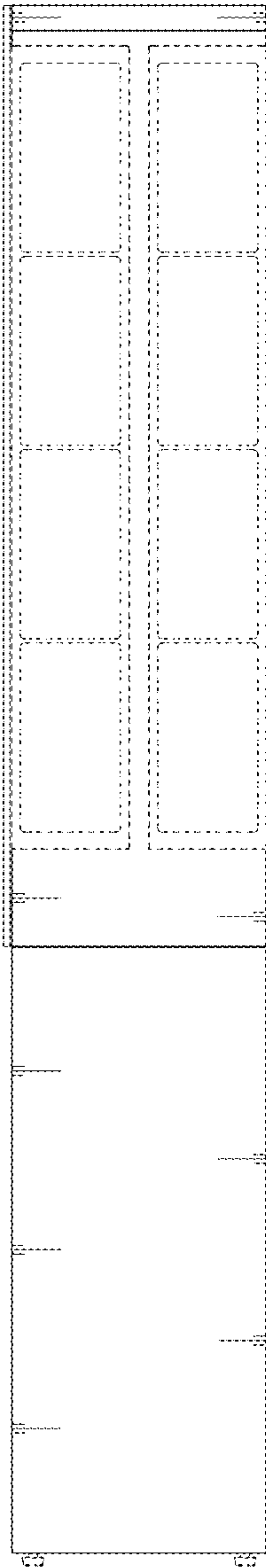
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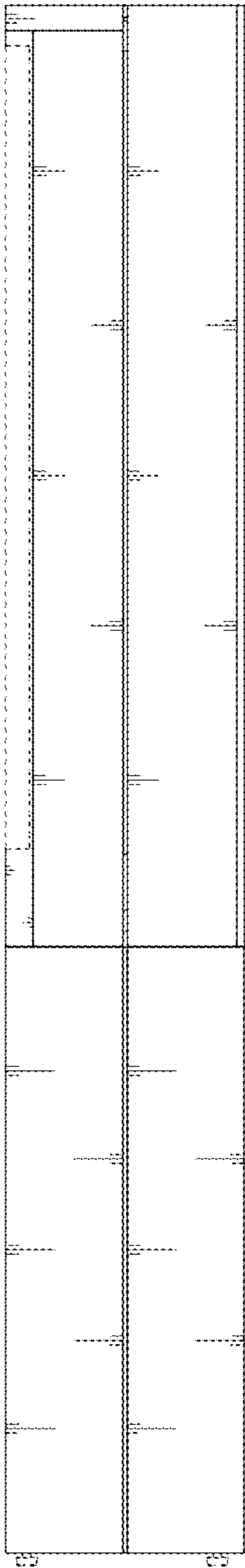
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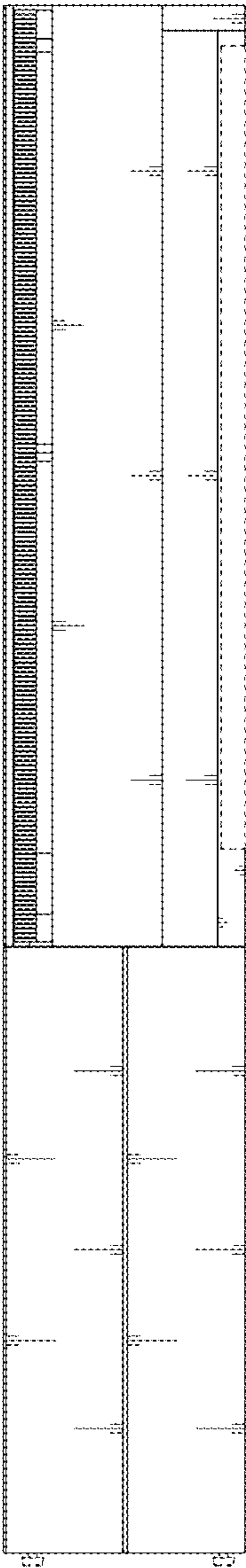
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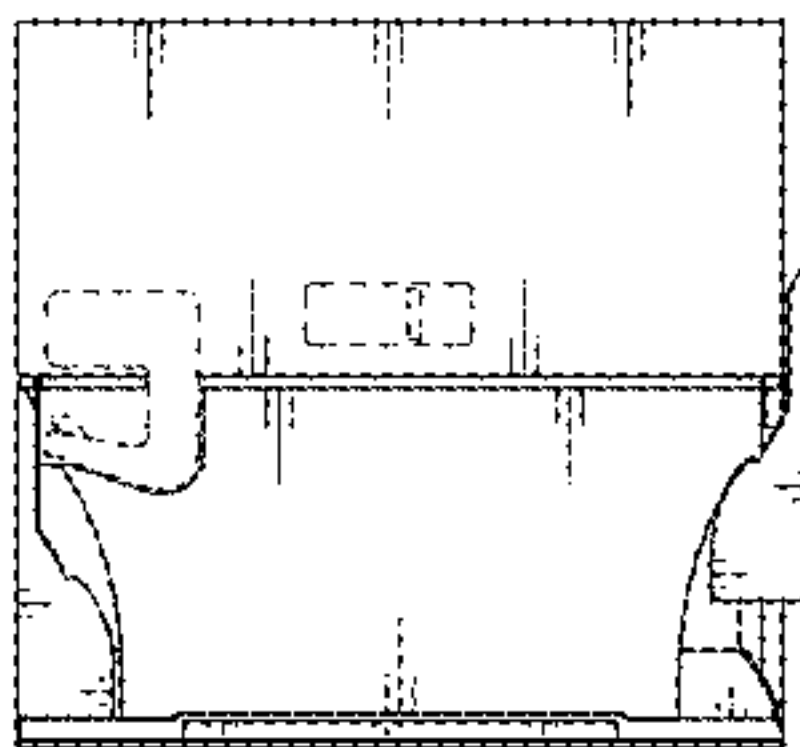
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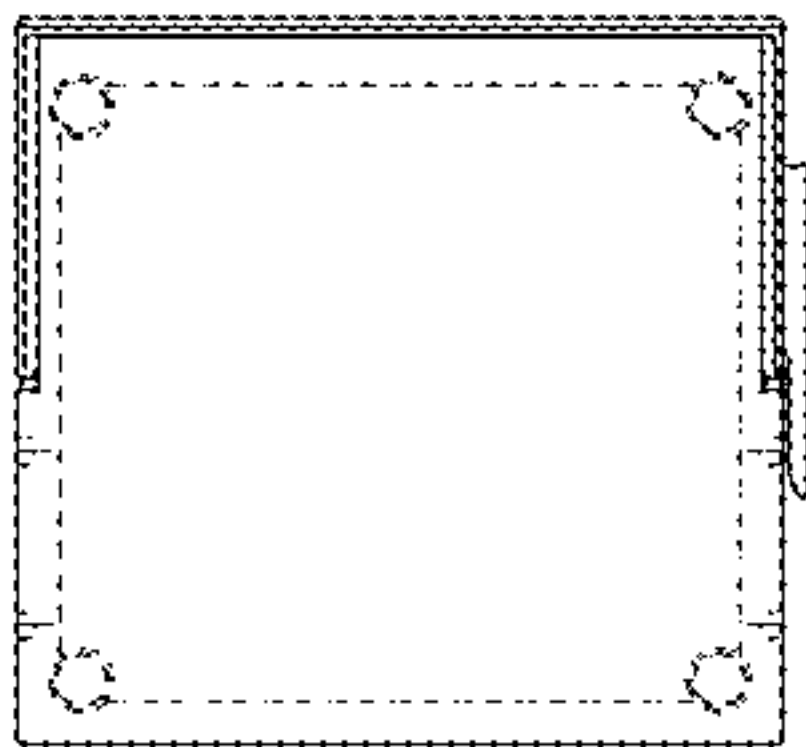
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1.29



1.30



1.31

