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

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(54) **PLUNGER UNIT**

(71) Applicant: **TOWA CORPORATION**, Kyoto (JP)

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

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Int. Reg. Pub. Date: **May 1, 2020**

(51) **LOC (13) Cl.** **15-09**

(52) **U.S. Cl.**
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CPC **H01L 24/48** (2013.01)

(58) **Field of Classification Search**

USPC D15/135-139; 65/260, 356, 357;
205/70, 164, 165, 167, 169; 83/845;
249/78, 79; 264/51, 220, 221; 407/42,
407/110, 115, 116, 117; 424/135, 146,
424/171, 181, 218, 253-261, 363, 451.9,
424/571, 542, 543, 547, 548, 552, 556,
424/577, 589-595; 428/71
CPC H01L 24/48; H01L 21/56; H01L 24/85;
H01L 23/3121; H05K 1/115; H05K
3/4007; H05K 3/4015; H05K 3/4046;
C25D 1/00

See application file for complete search history.

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Primary Examiner — Richard E Chilcot

(57) **CLAIM**

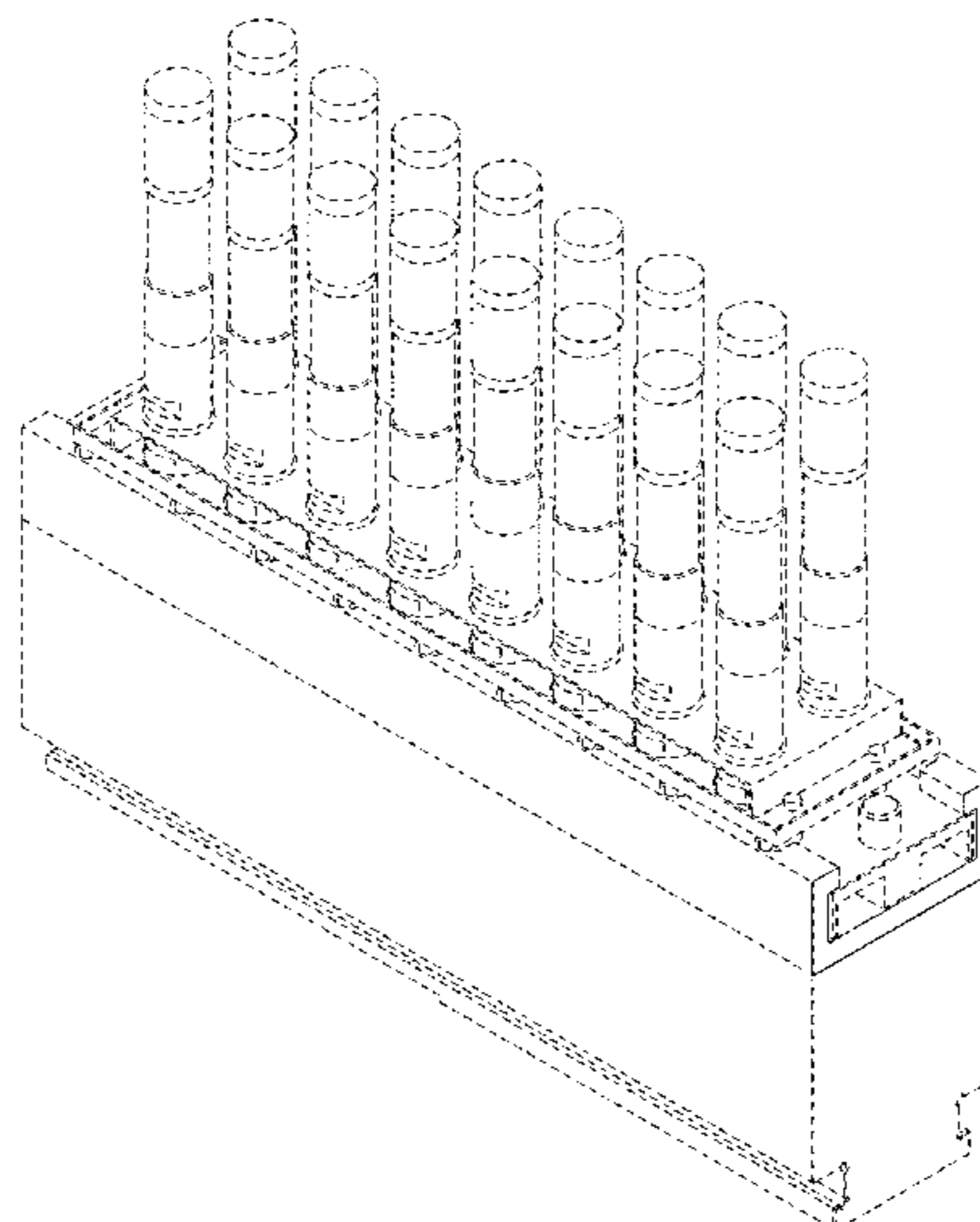
The ornamental design for a plunger unit, as shown and described.

DESCRIPTION

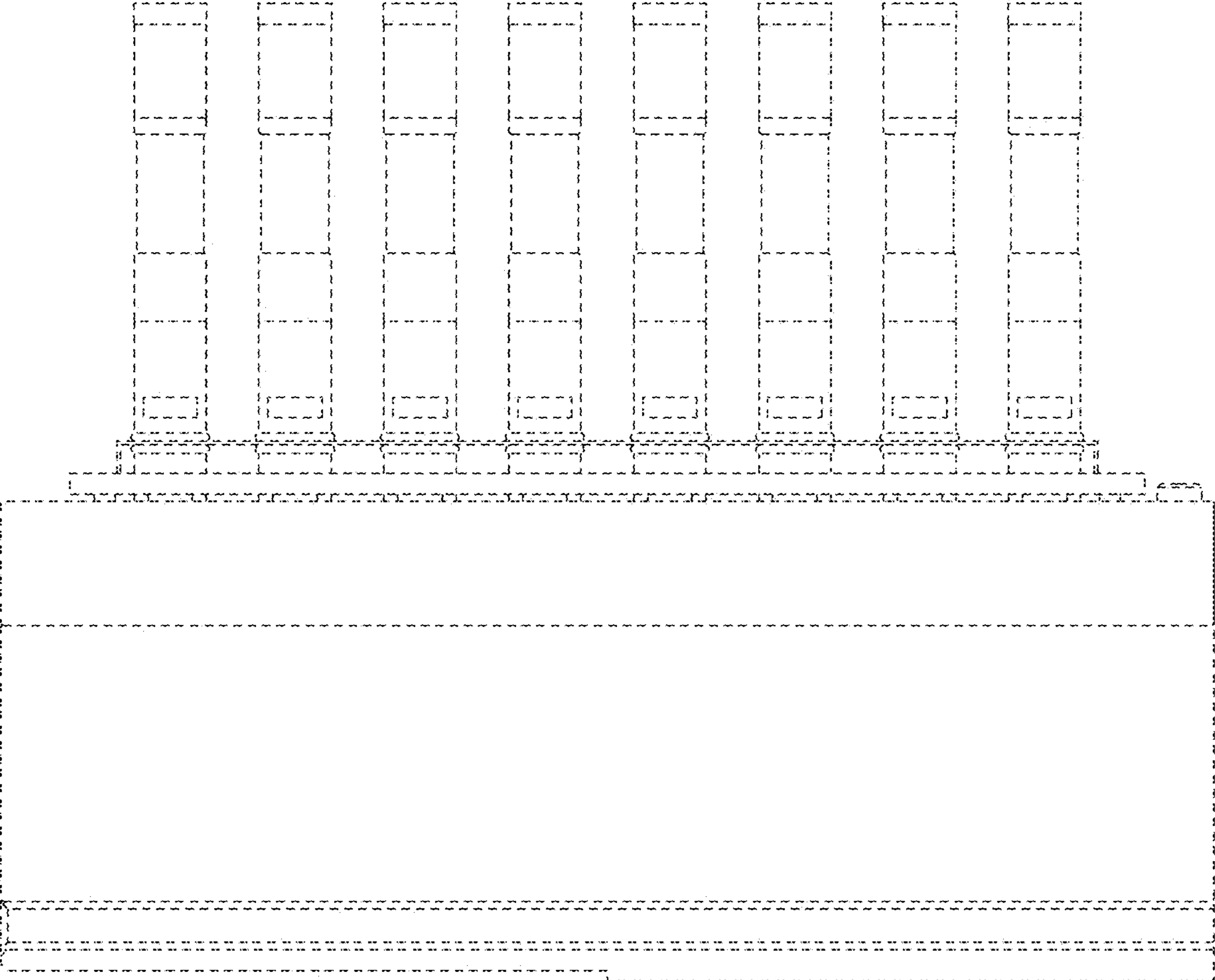
- 2. Plunger unit
- 2.1 : Front
- 2.2 : Back
- 2.3 : Top
- 2.4 : Bottom
- 2.5 : Right
- 2.6 : Left
- 2.7 : Perspective

The broken lines shown in the drawings represent portions of the plunger unit that form no part of the claimed design. Fig.2.1 is a front view of the plunger unit; fig.2.2 is a back view thereof; fig.2.3 is a top view thereof; fig.2.4 is a bottom view thereof; fig.2.5 is a right view thereof; fig.2.6 is a left view thereof; and fig.2.7 is a perspective view thereof.

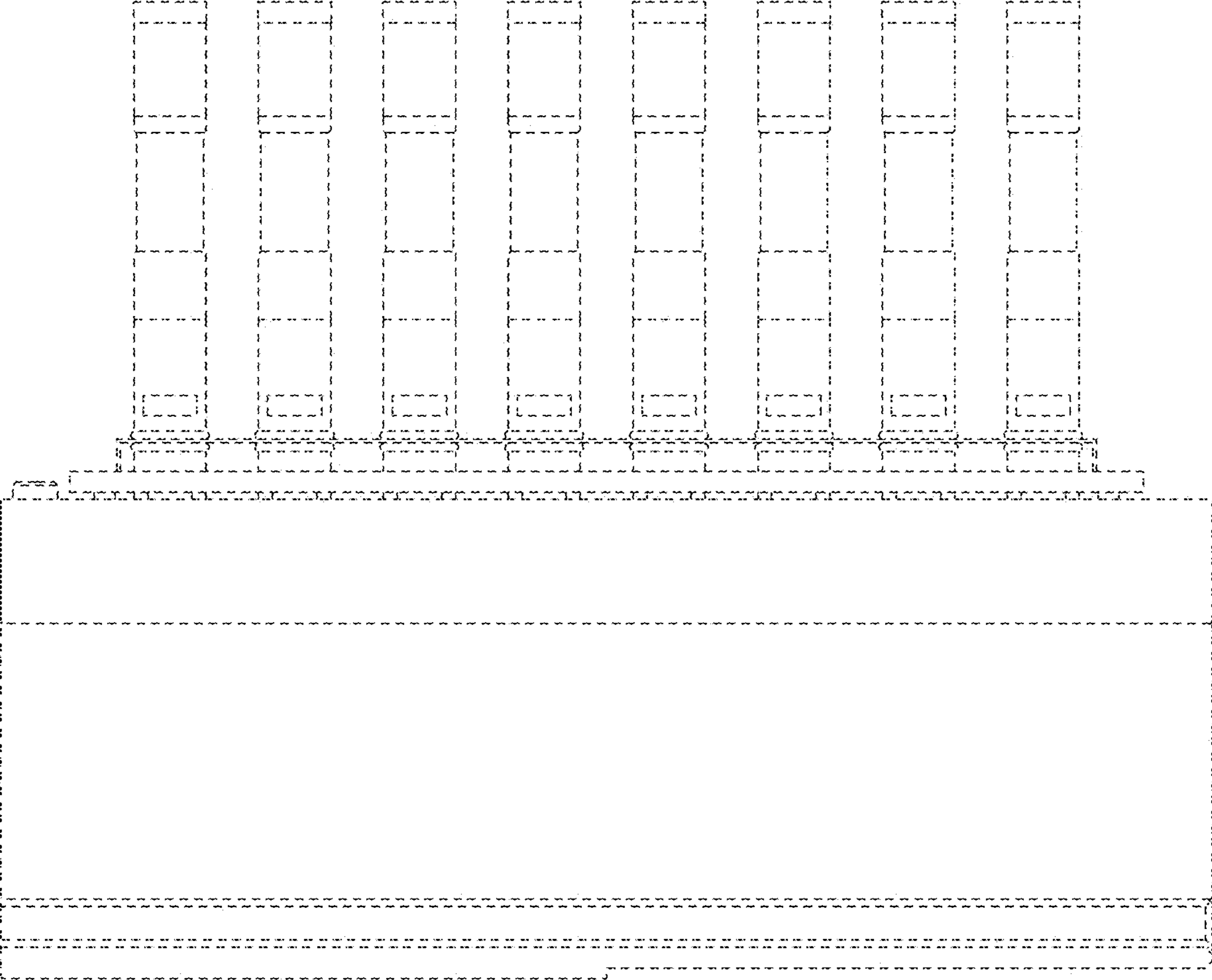
1 Claim, 7 Drawing Sheets



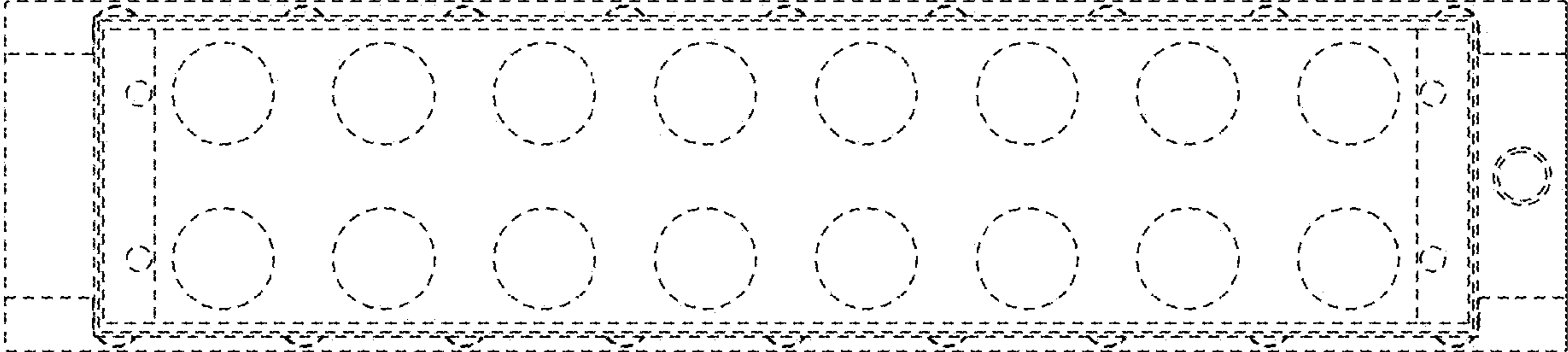
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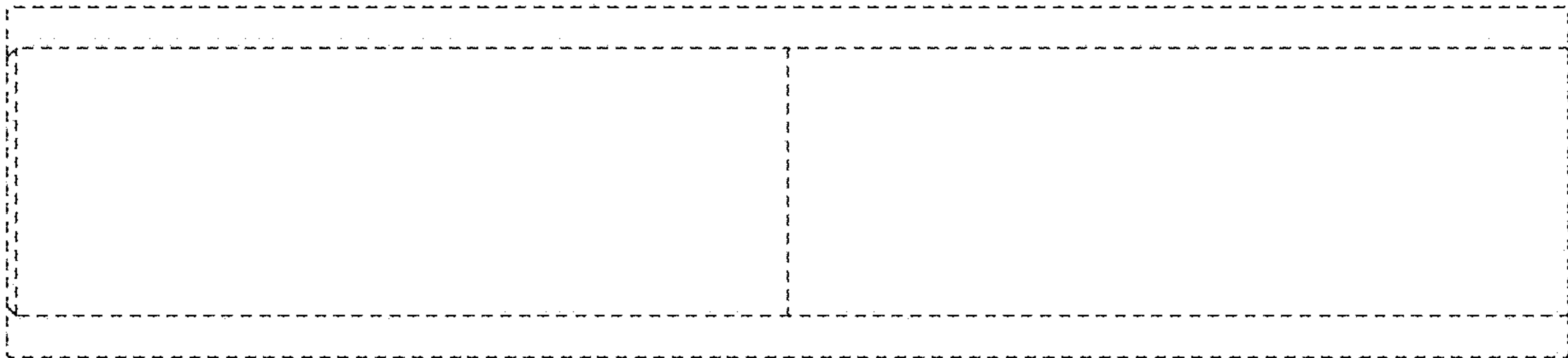
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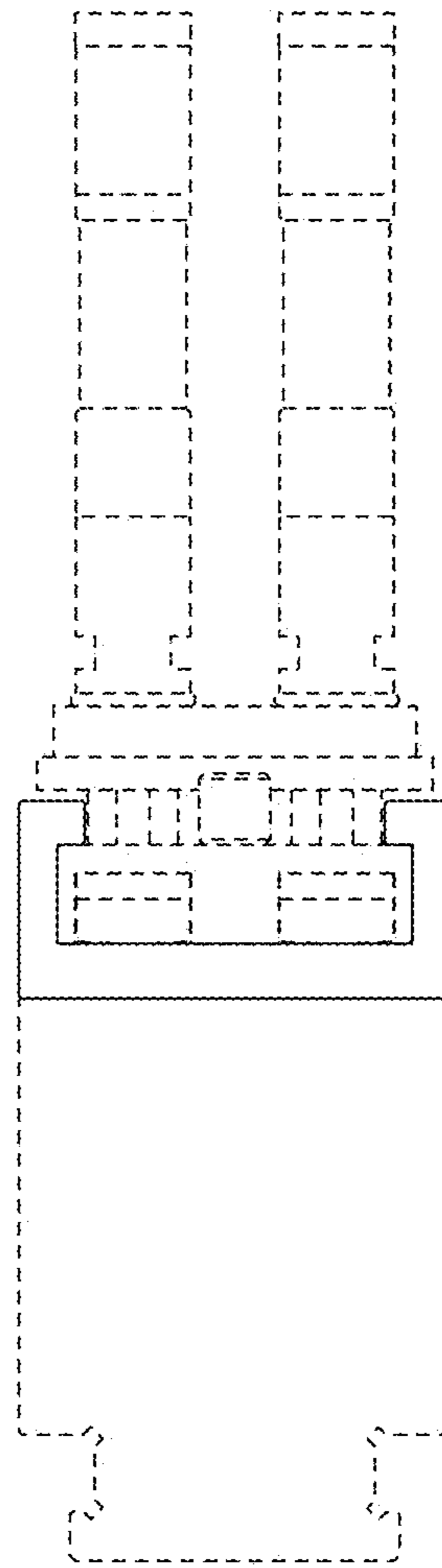
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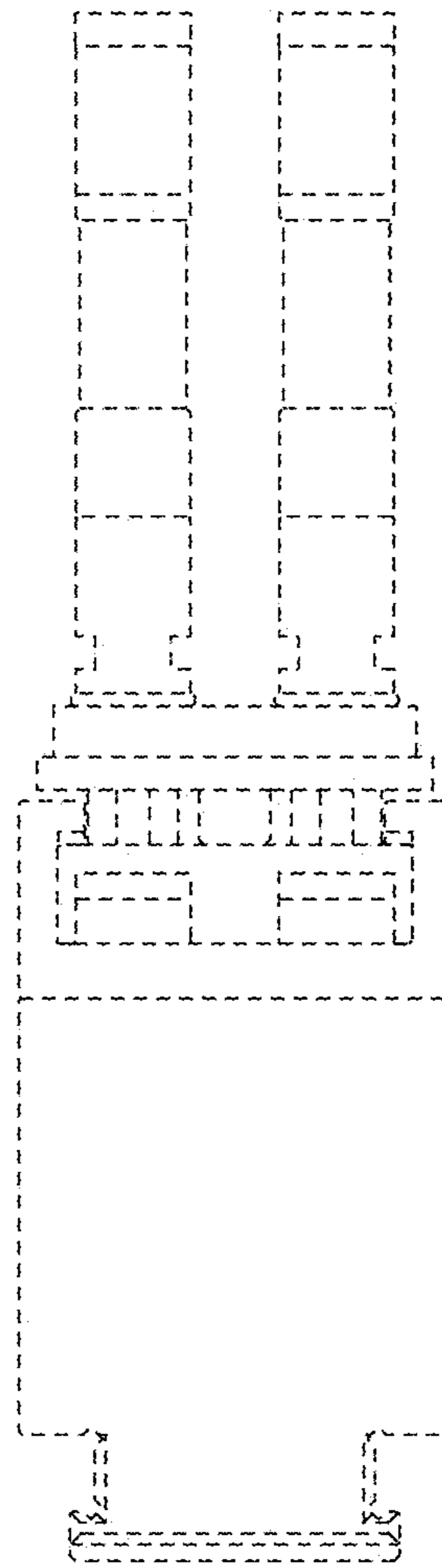
2.4



2.5



2.6



2.7

