US00D964281S

(12) United States Design Patent

Wang et al.

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(45) Date of Patent: ** Sep. 20, 2022

(54) **COIL COMPONENT**

(71) Applicant: **TDK CORPORATION**, Tokyo (JP)

(72) Inventors: **Chen Wang**, Tokyo (JP); **Satoshi Sugimoto**, Tokyo (JP)

(73) Assignee: **TDK CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/754,321**

(22) Filed: **Oct. 9, 2020**

(30) **Foreign Application Priority Data**

Apr. 10, 2020 (JP) ..... 2020-007586 D

(51) **LOC (13) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/117**

(58) **Field of Classification Search**
USPC D13/101, 103, 104, 107, 110, 112, 117, D13/118, 119, 120, 133, 156, 179, 183, D13/199

(Continued)

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Primary Examiner — George D. Kirschbaum
Assistant Examiner — Suzanne E Tisdell

(74) *Attorney, Agent, or Firm* — Oliff PLC

(57) **CLAIM**

The ornamental design for a coil component, as shown and described.

DESCRIPTION

FIG. **1** is a front elevation view of a first embodiment of the coil component;
FIG. **2** is a rear elevation view thereof;
FIG. **3** is a left-side elevation view thereof;
FIG. **4** is a right-side elevation view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof; and
FIG. **7** is a perspective view thereof.
FIG. **8** is a front elevation view of a second embodiment of the coil component;
FIG. **9** is a rear elevation view thereof;
FIG. **10** is a left-side elevation view thereof;
FIG. **11** is a right-side elevation view thereof;
FIG. **12** is a top plan view thereof;
FIG. **13** is a bottom plan view thereof; and
FIG. **14** is a perspective view thereof.
FIG. **15** is a front elevation view of a third embodiment of the coil component;
FIG. **16** is a rear elevation view thereof;
FIG. **17** is a left-side elevation view thereof;
FIG. **18** is a right-side elevation view thereof;
FIG. **19** is a top plan view thereof;
FIG. **20** is a bottom plan view thereof; and
FIG. **21** is a perspective view thereof.
FIG. **22** is a front elevation view of a fourth embodiment of the coil component;
FIG. **23** is a rear elevation view thereof;
FIG. **24** is a left-side elevation view thereof;
FIG. **25** is a right-side elevation view thereof;
FIG. **26** is a top plan view thereof;
FIG. **27** is a bottom plan view thereof; and
FIG. **28** is a perspective view thereof.
FIG. **29** is a front elevation view of a fifth embodiment of the coil component;
FIG. **30** is a rear elevation view thereof;
FIG. **31** is a left-side elevation view thereof;

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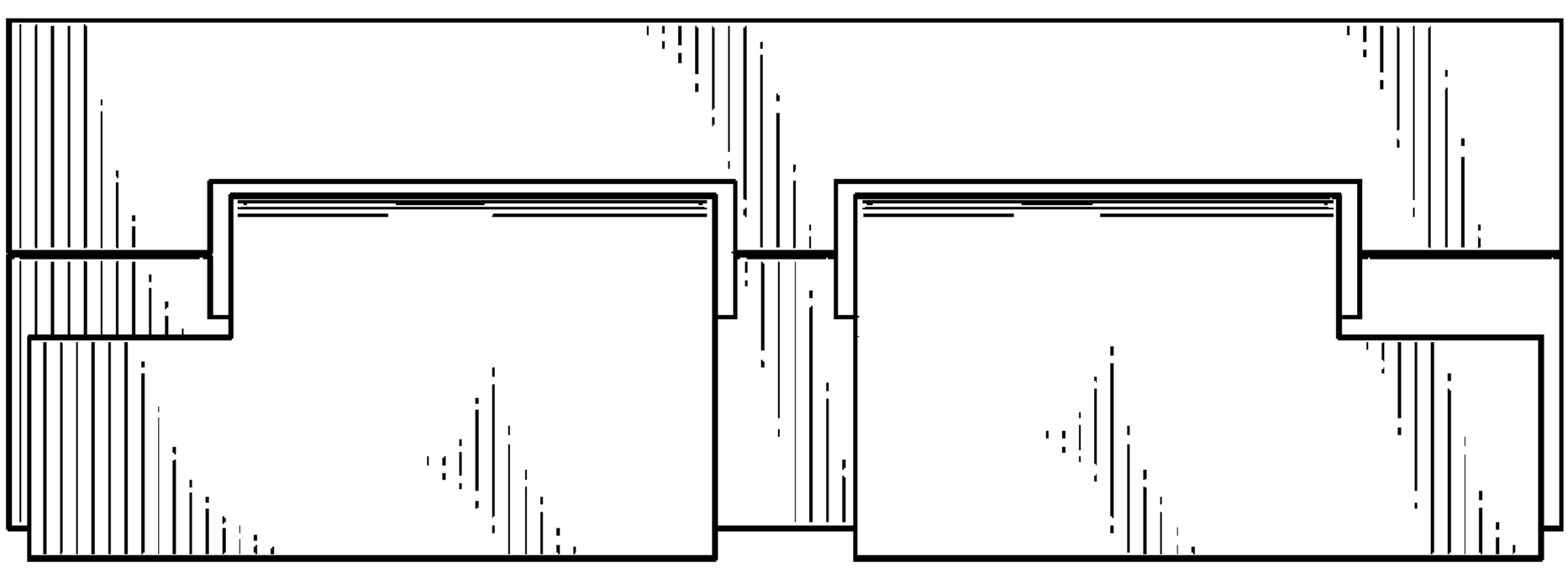

FIG. **32** is a right-side elevation view thereof;
FIG. **33** is a top plan view thereof;
FIG. **34** is a bottom plan view thereof; and
FIG. **35** is a perspective view thereof.
FIG. **36** is a front elevation view of a sixth embodiment of the coil component;
FIG. **37** is a rear elevation view thereof;
FIG. **38** is a left-side elevation view thereof;
FIG. **39** is a right-side elevation view thereof;
FIG. **40** is a top plan view thereof;
FIG. **41** is a bottom plan view thereof; and,
FIG. **42** is a perspective view thereof.

1 Claim, 42 Drawing Sheets

(58) **Field of Classification Search**
CPC H01R 13/641; H02B 1/20; H01M 2/1022; H01M 2/1027; H01M 2/1072; H01M 2/105; H01M 2/1077; H01F 5/02; H01F 5/04; H01F 27/292; H01F 27/325; H01F 27/2847
See application file for complete search history.

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FIG. 1

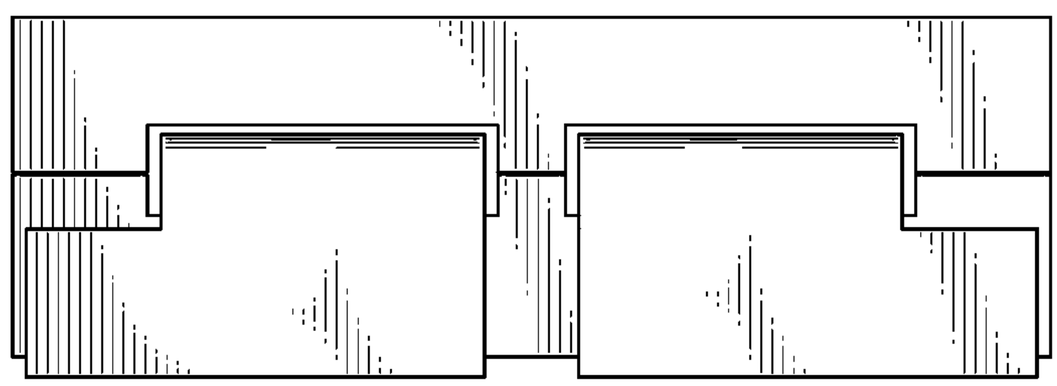


FIG. 2

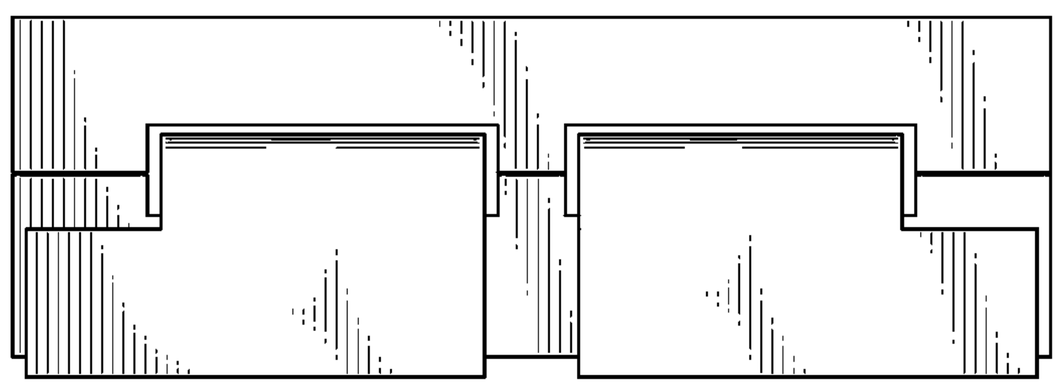


FIG. 3

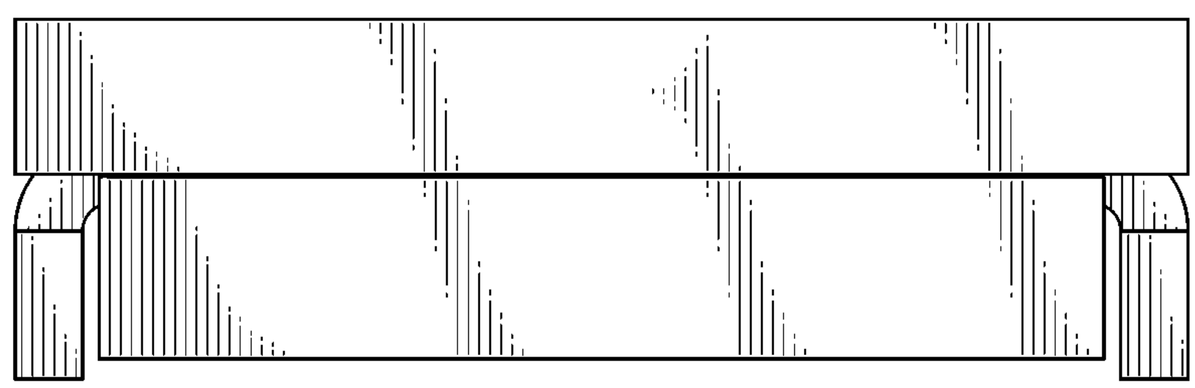
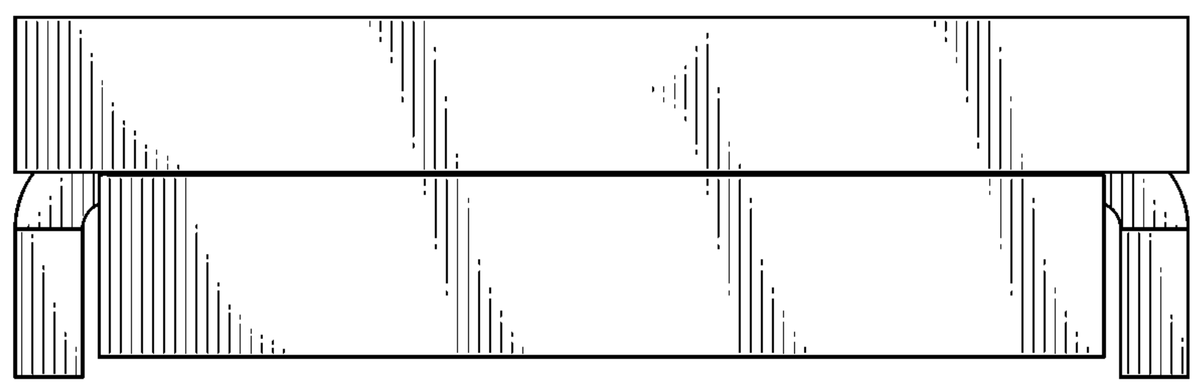


FIG. 4



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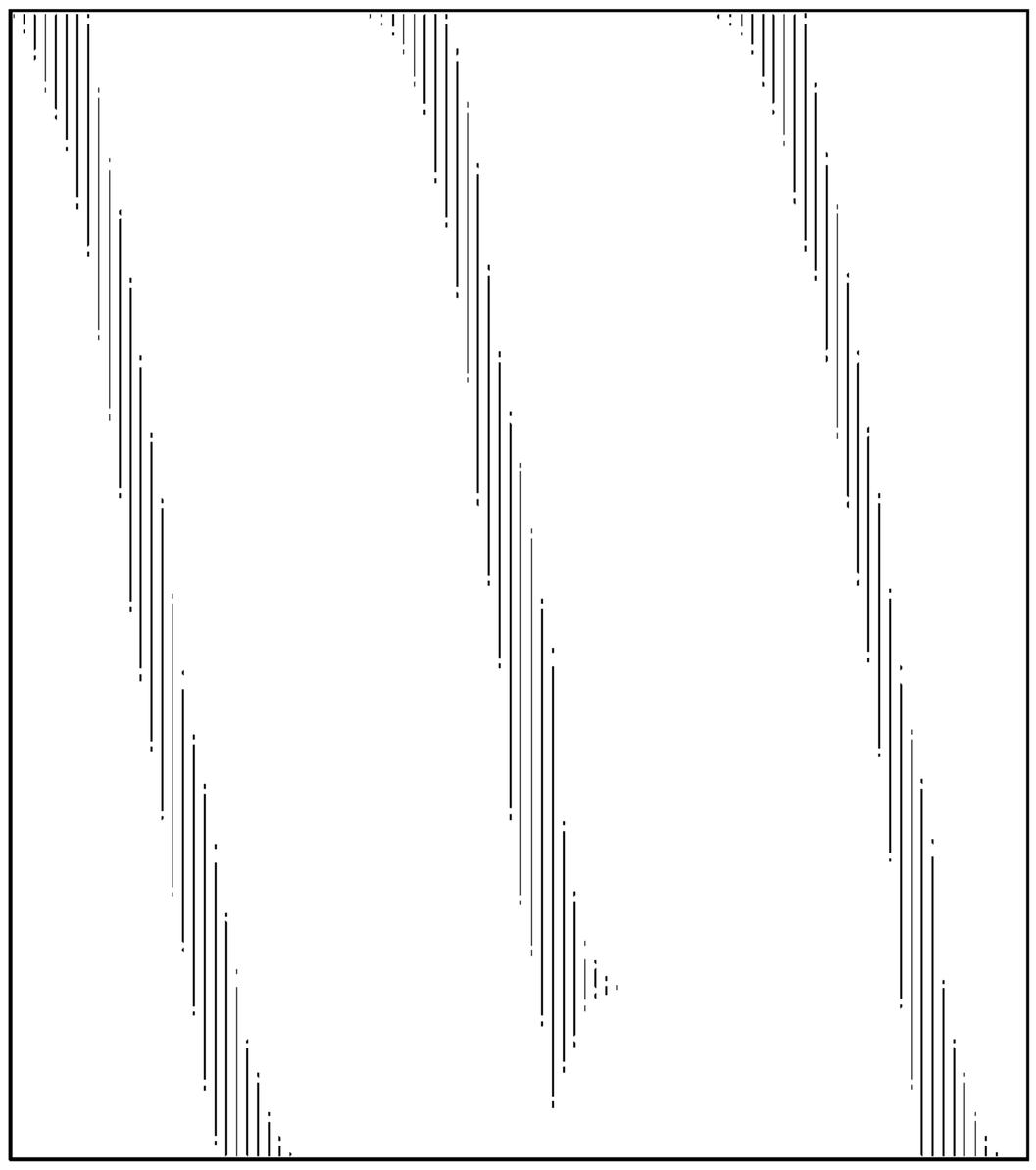

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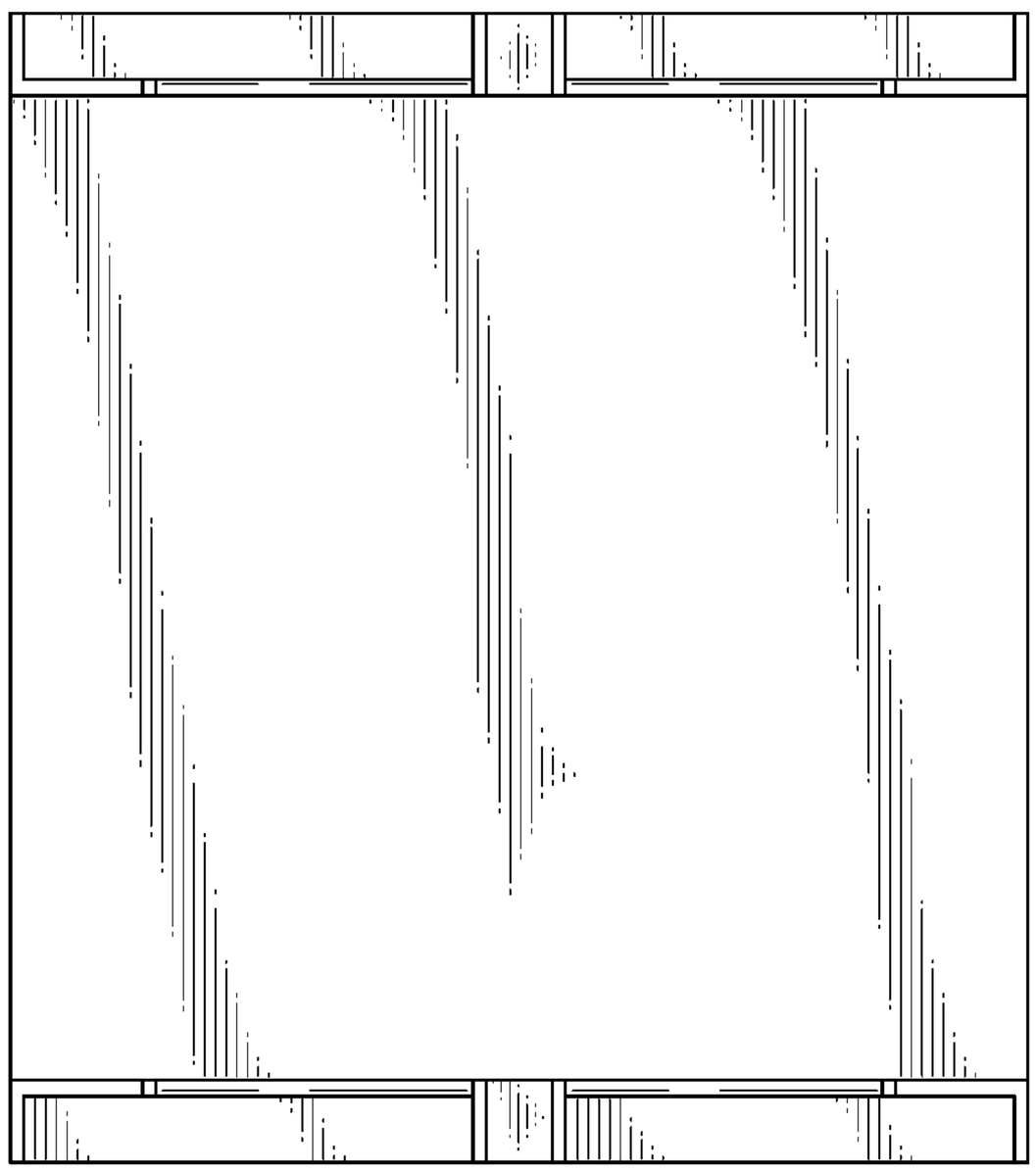

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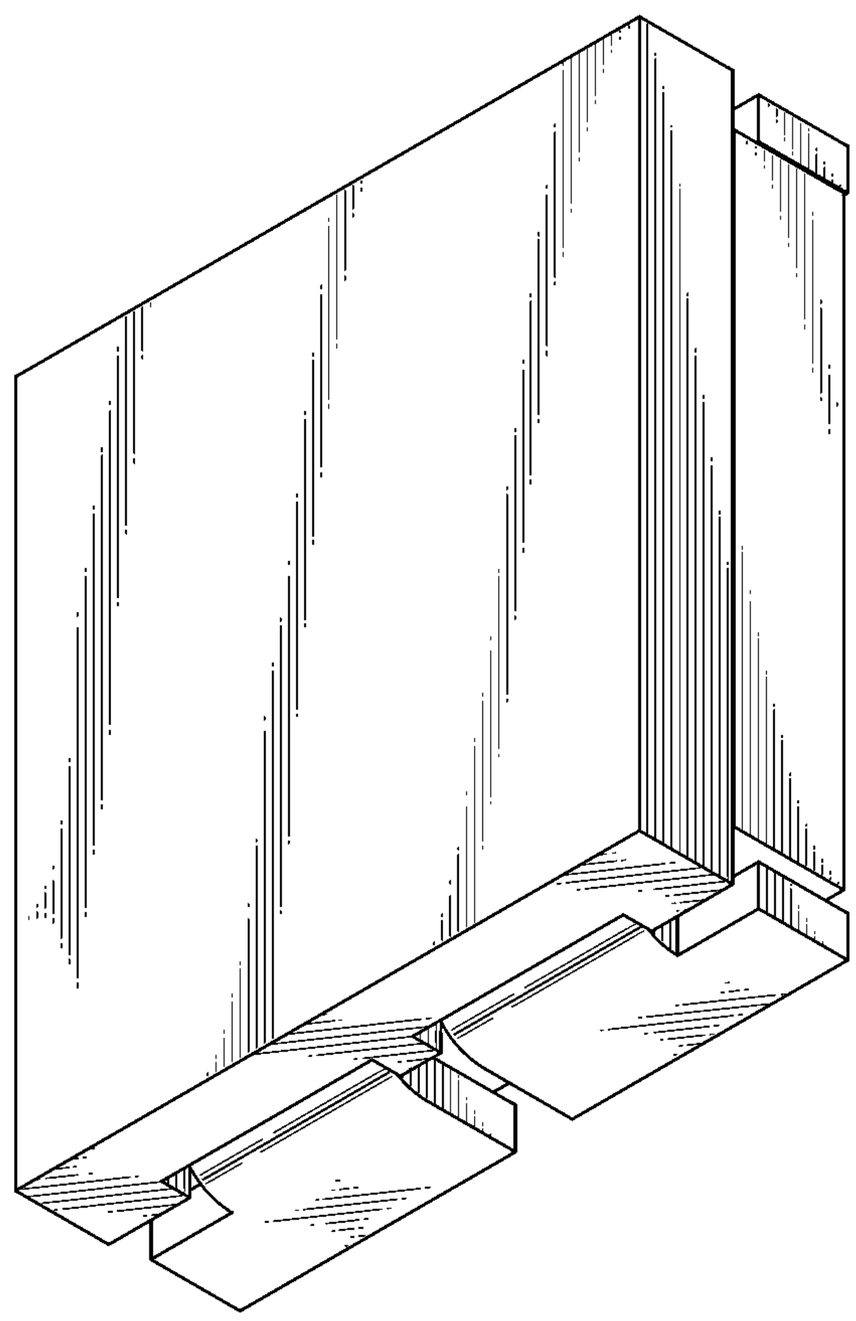

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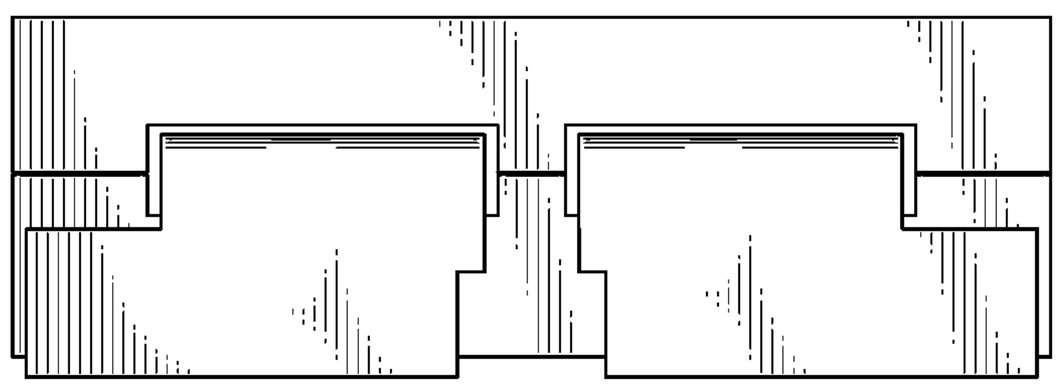

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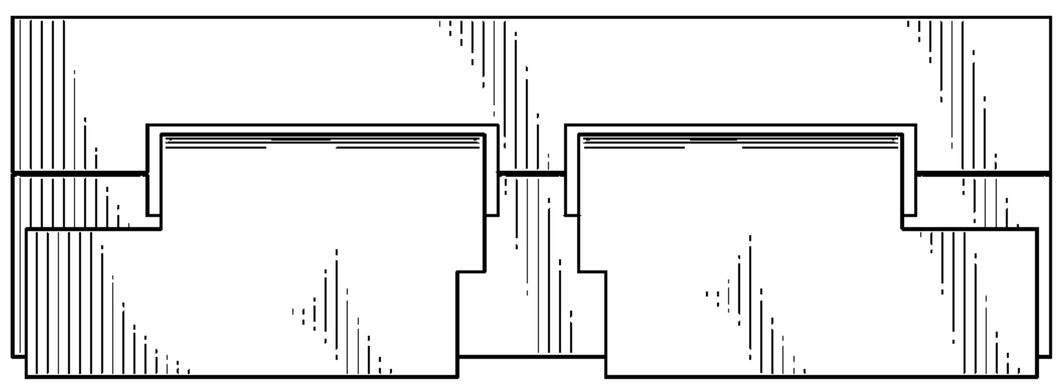

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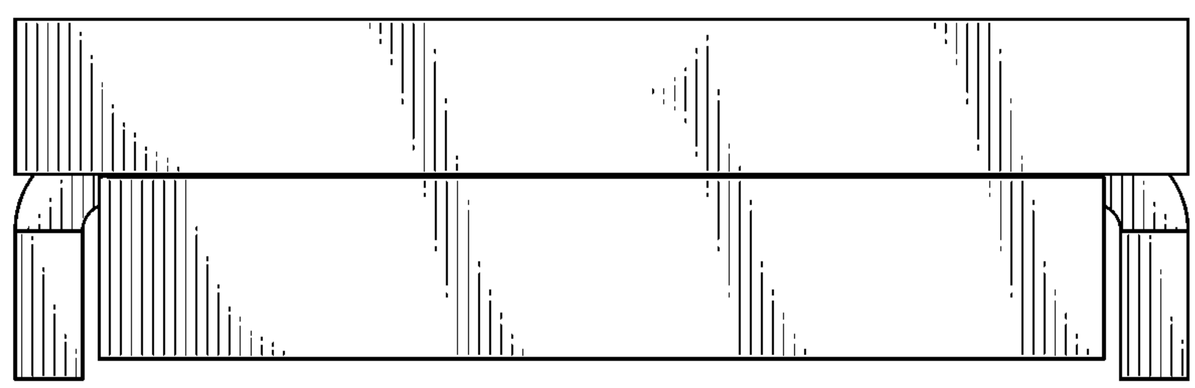

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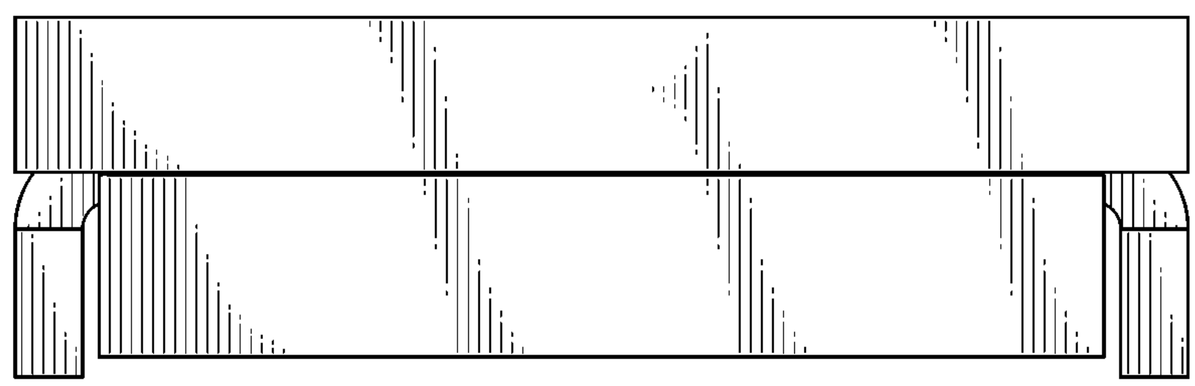

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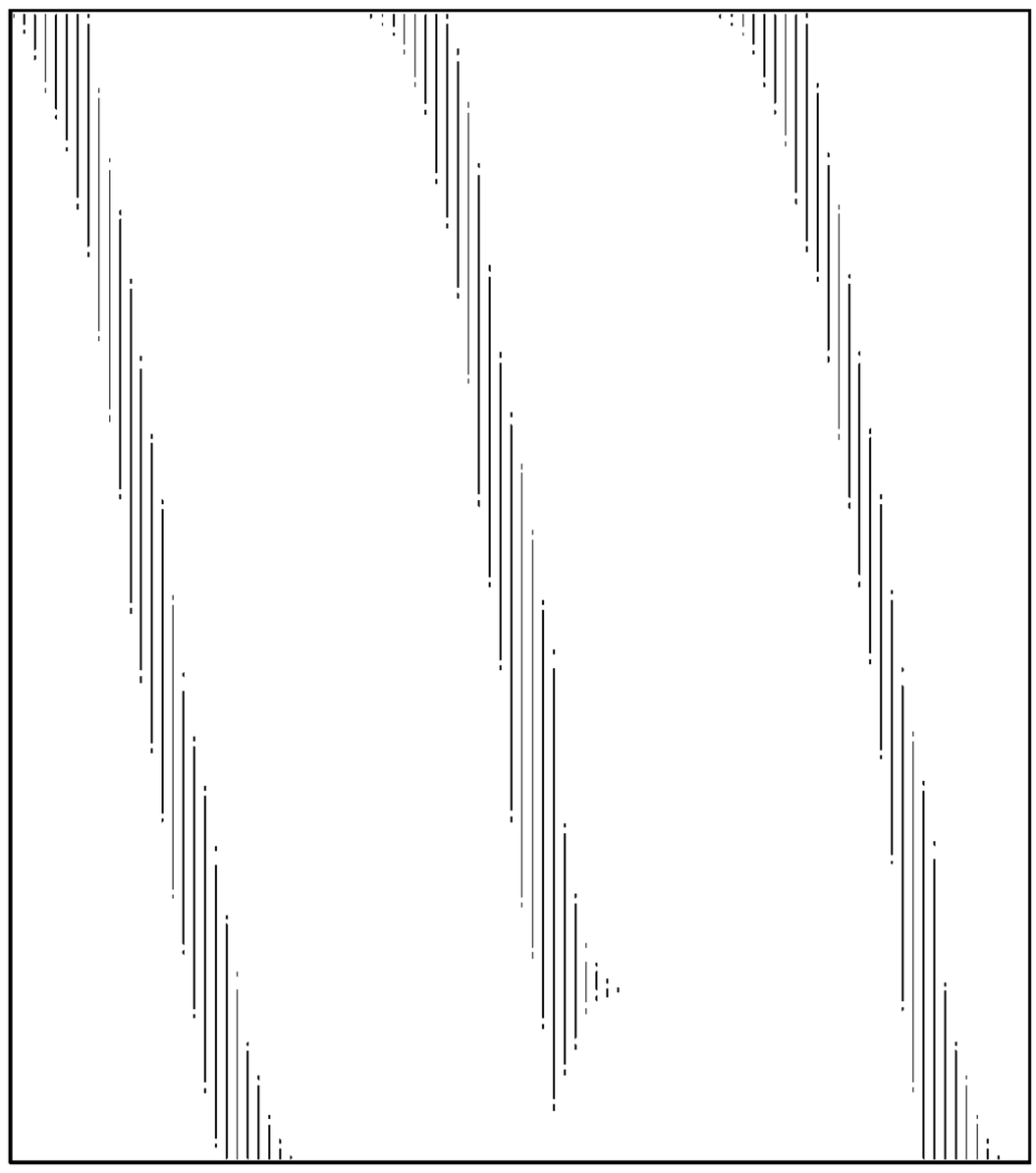

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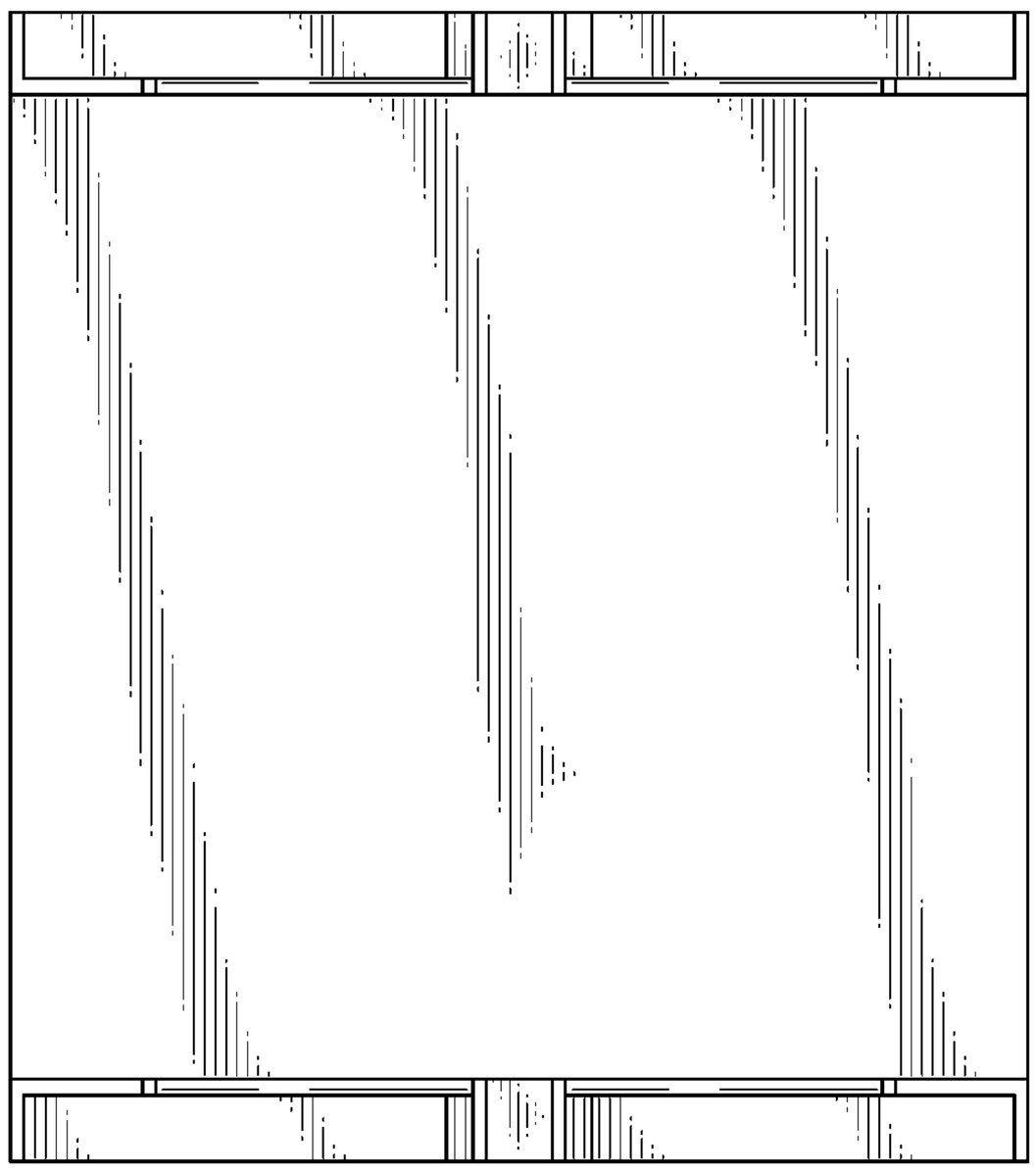

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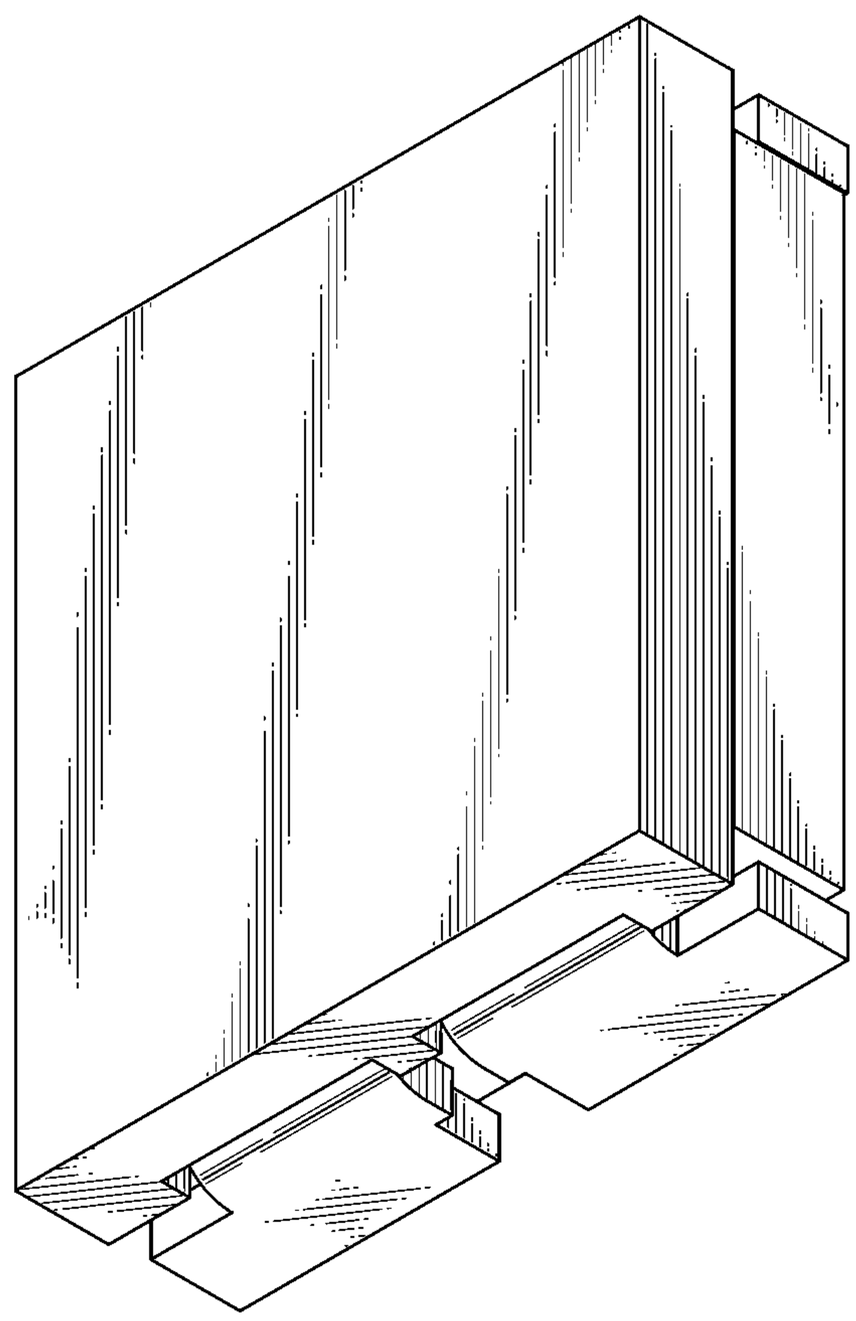

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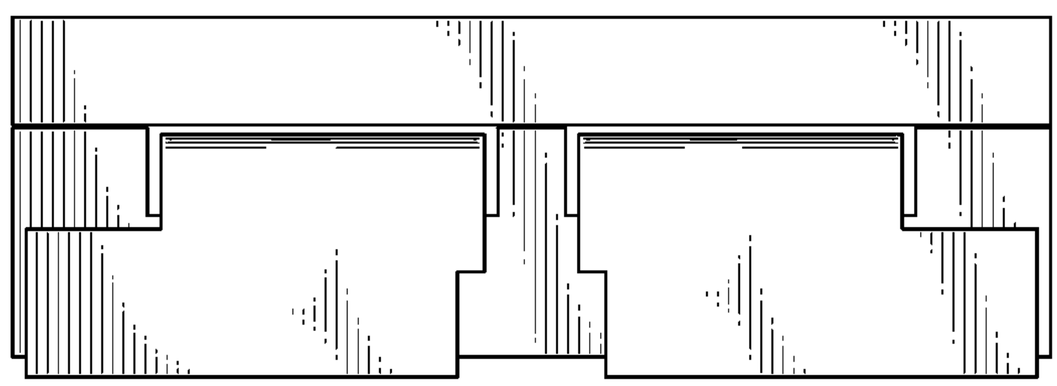

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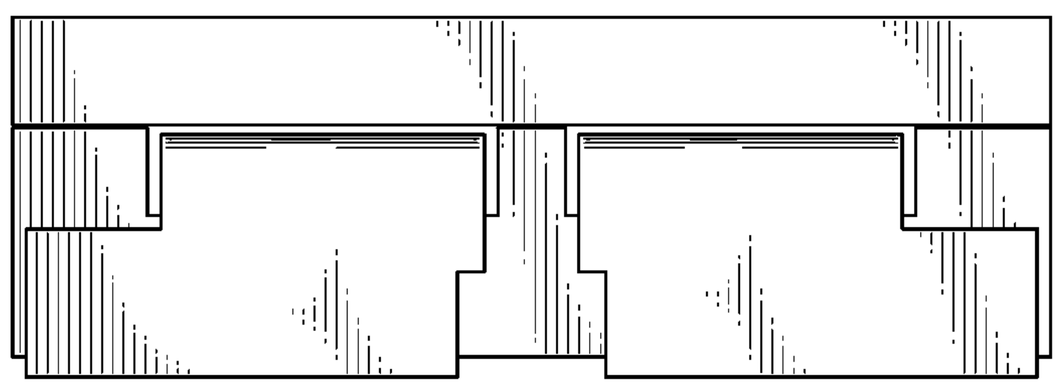

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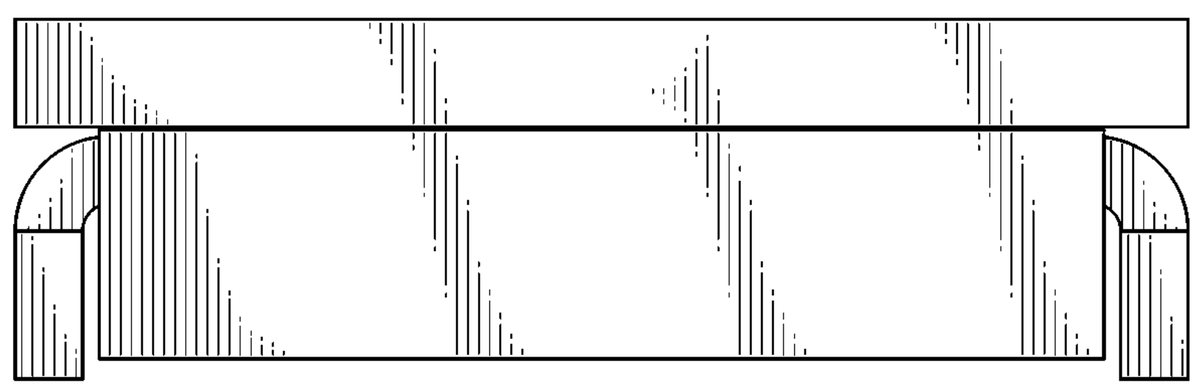

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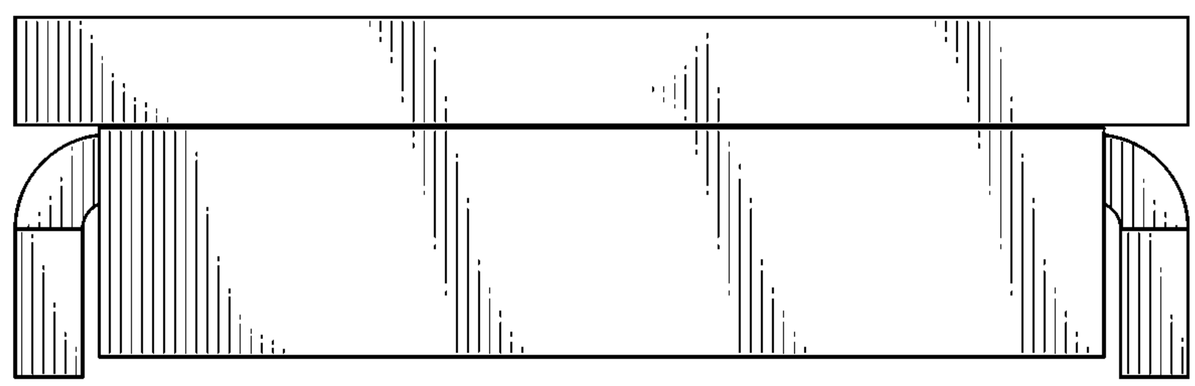

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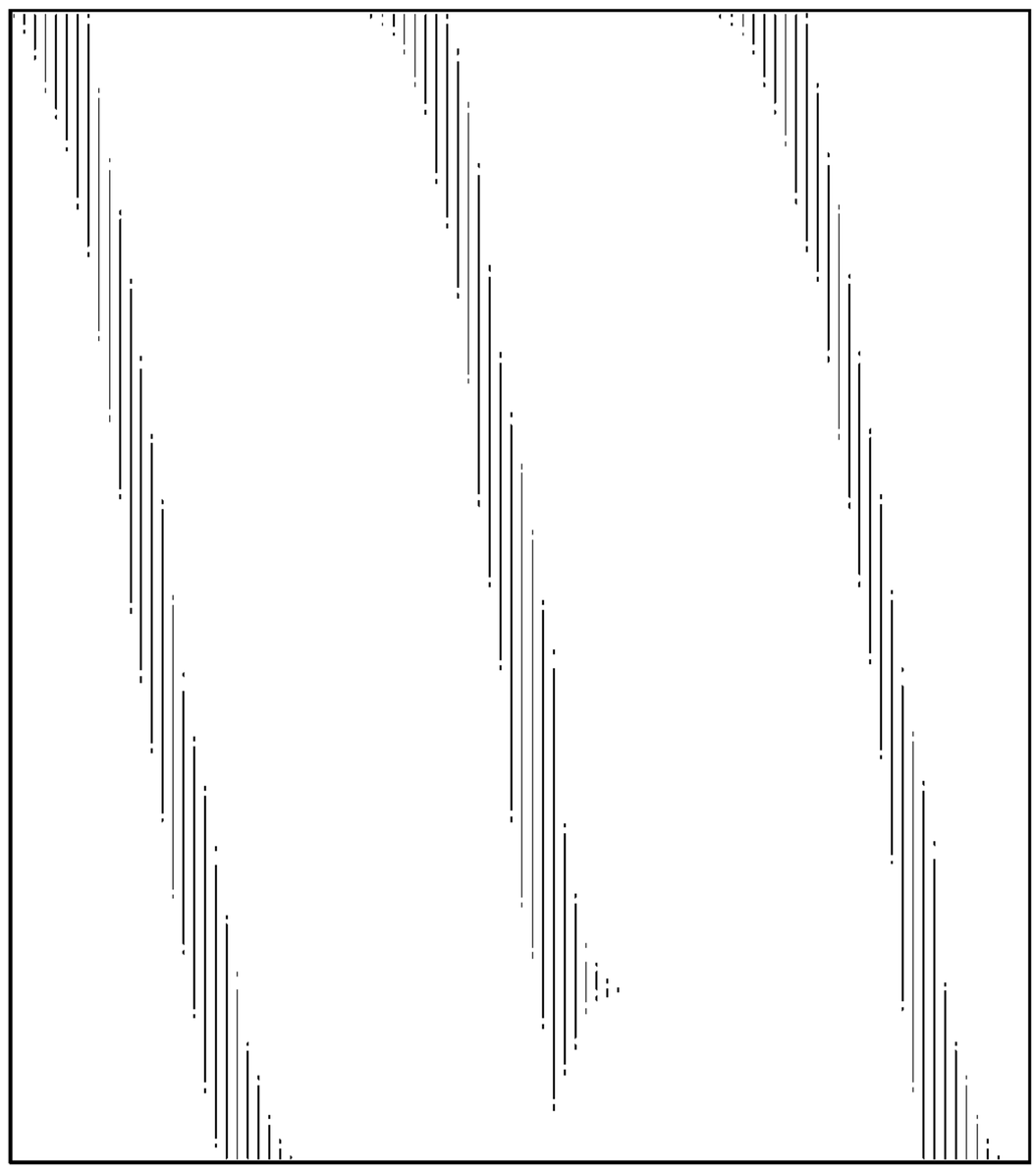

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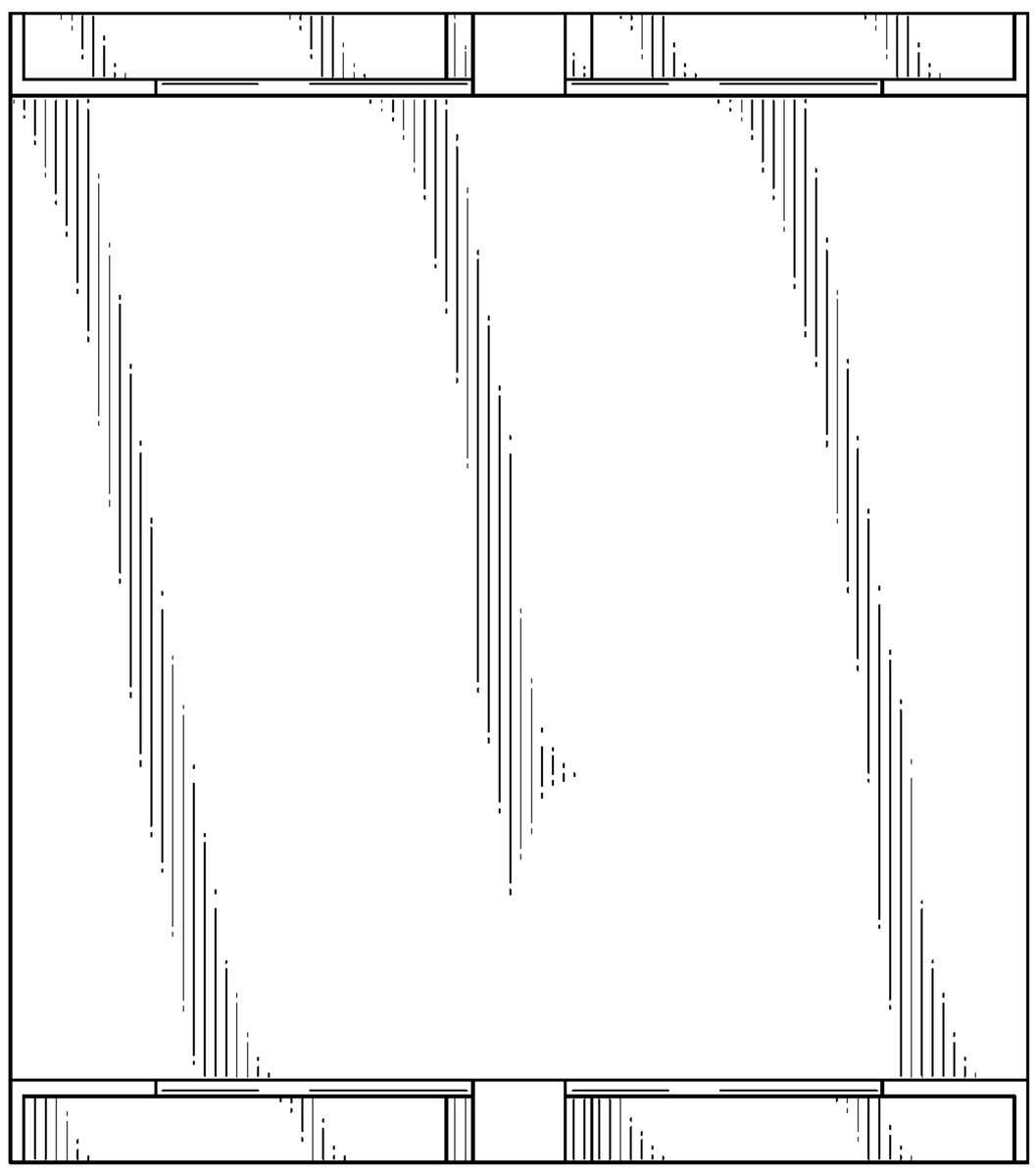
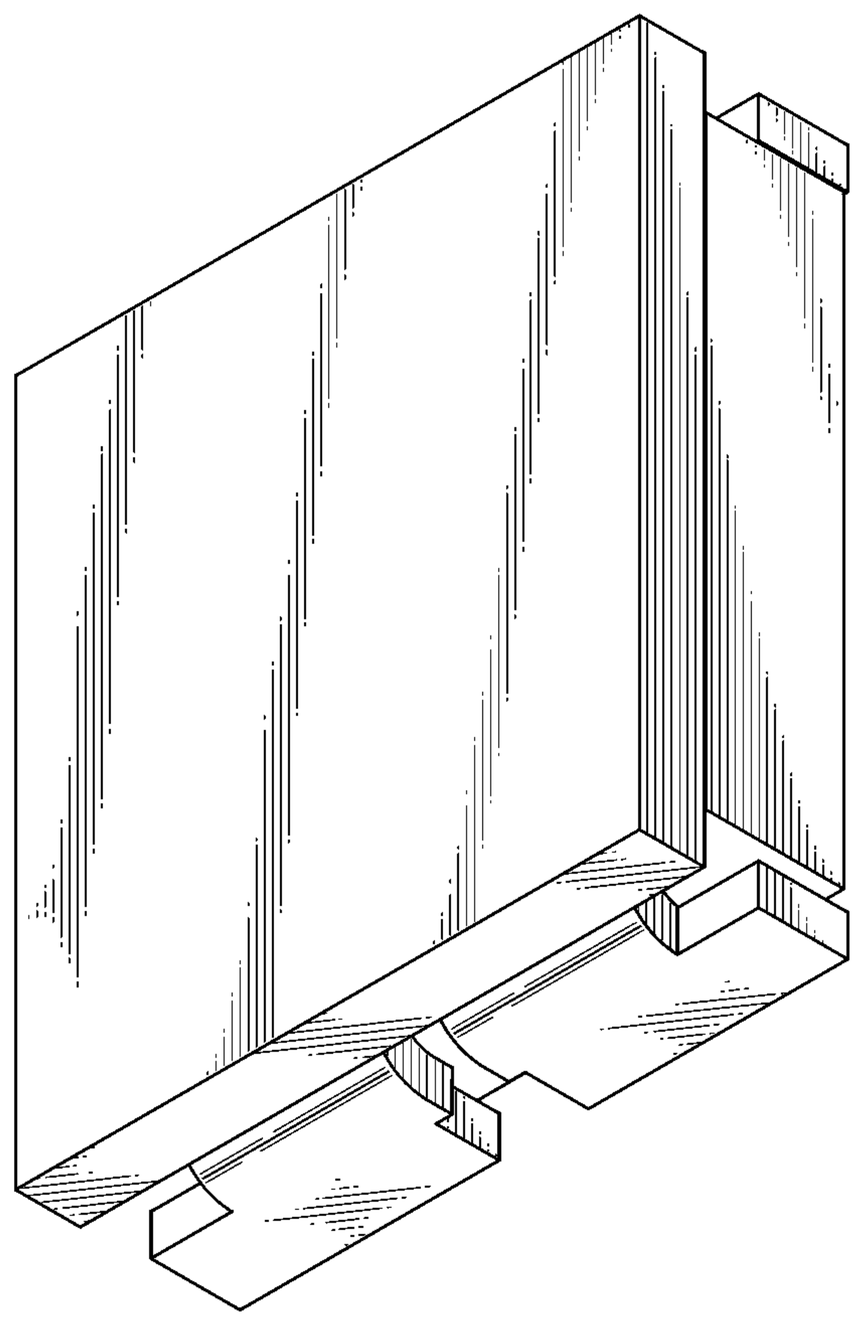


FIG. 21



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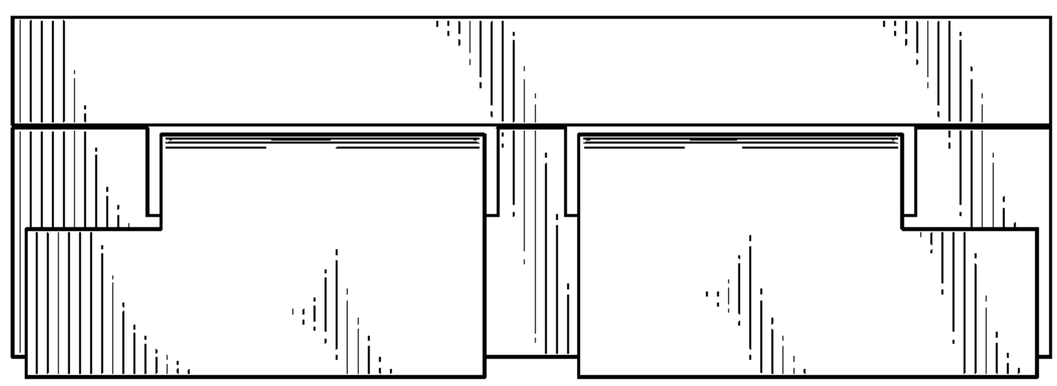

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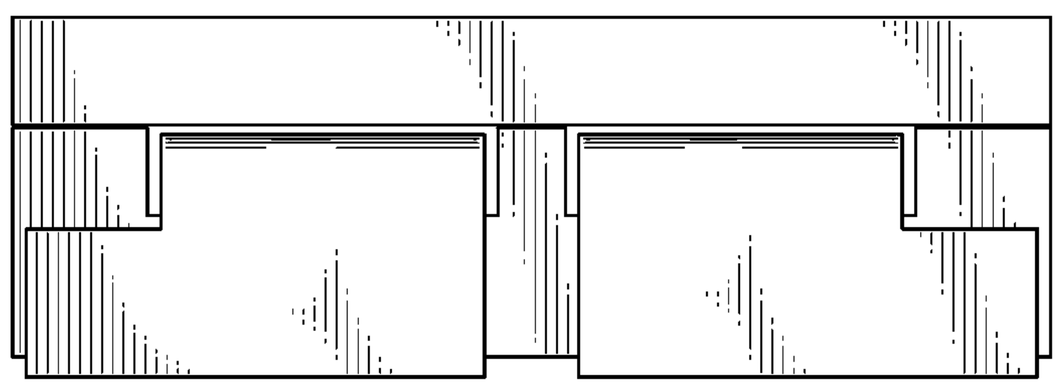

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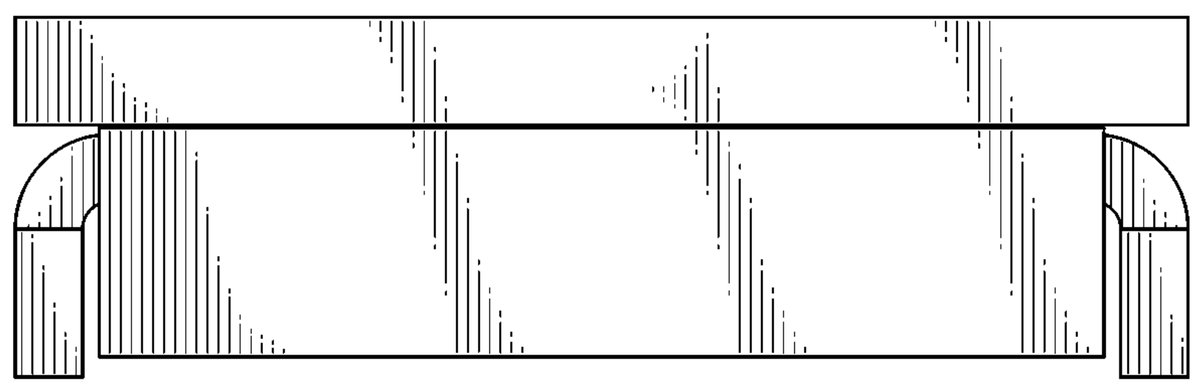

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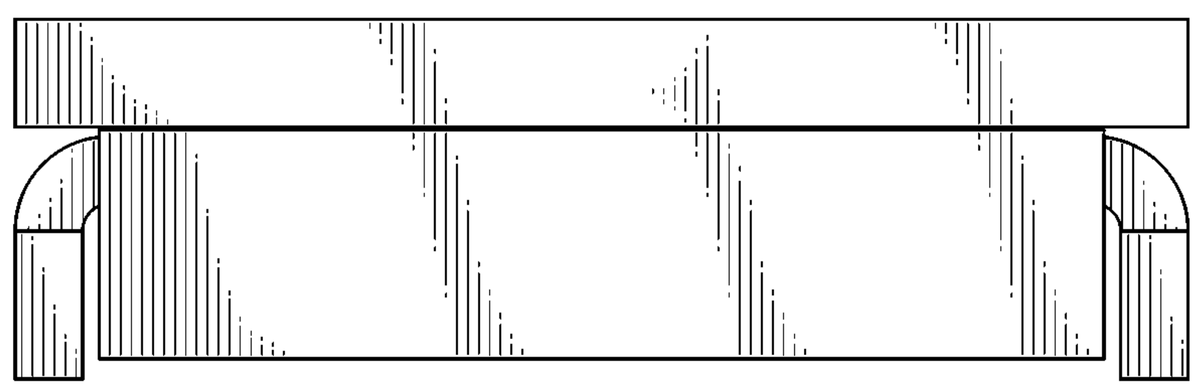

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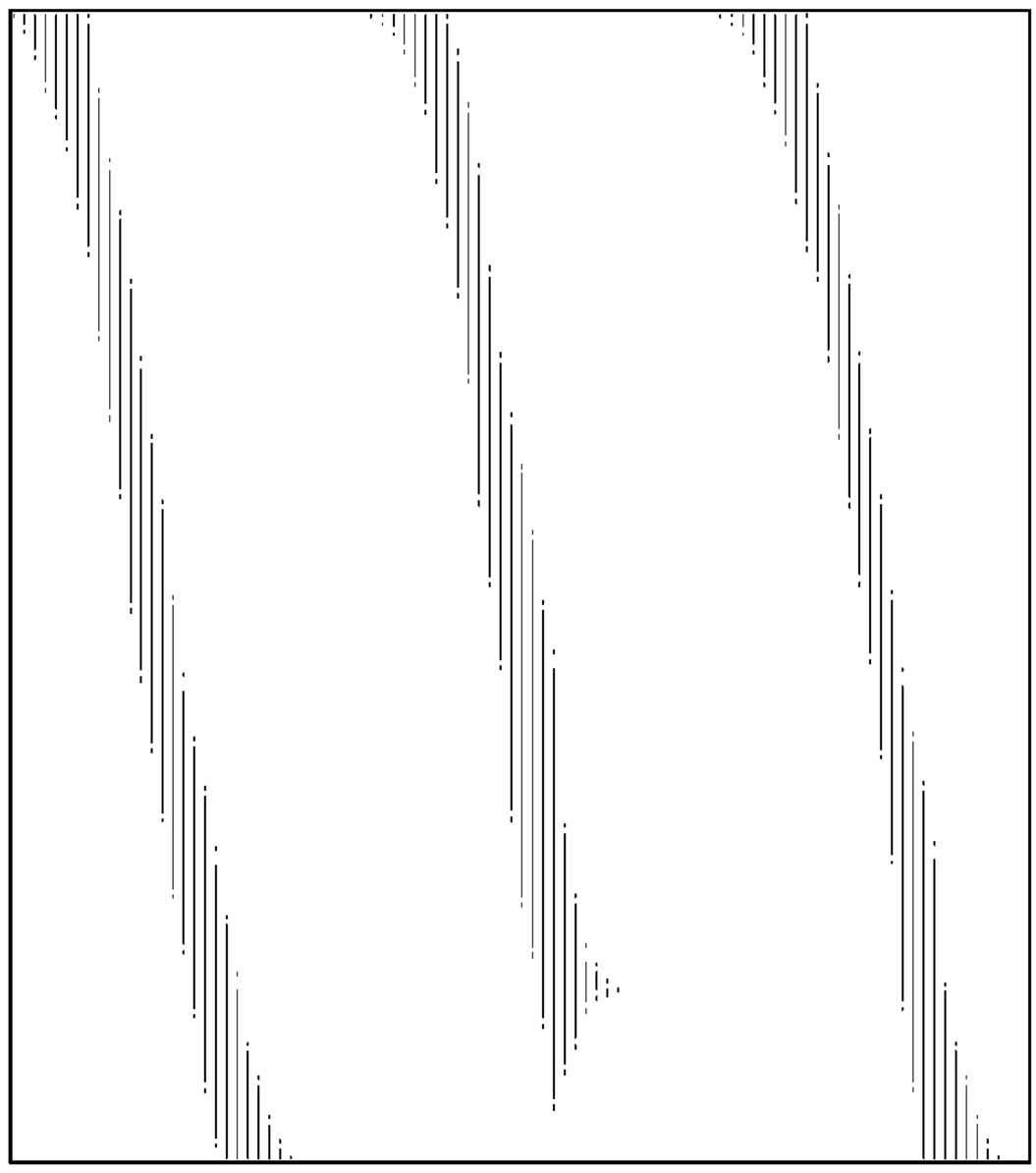

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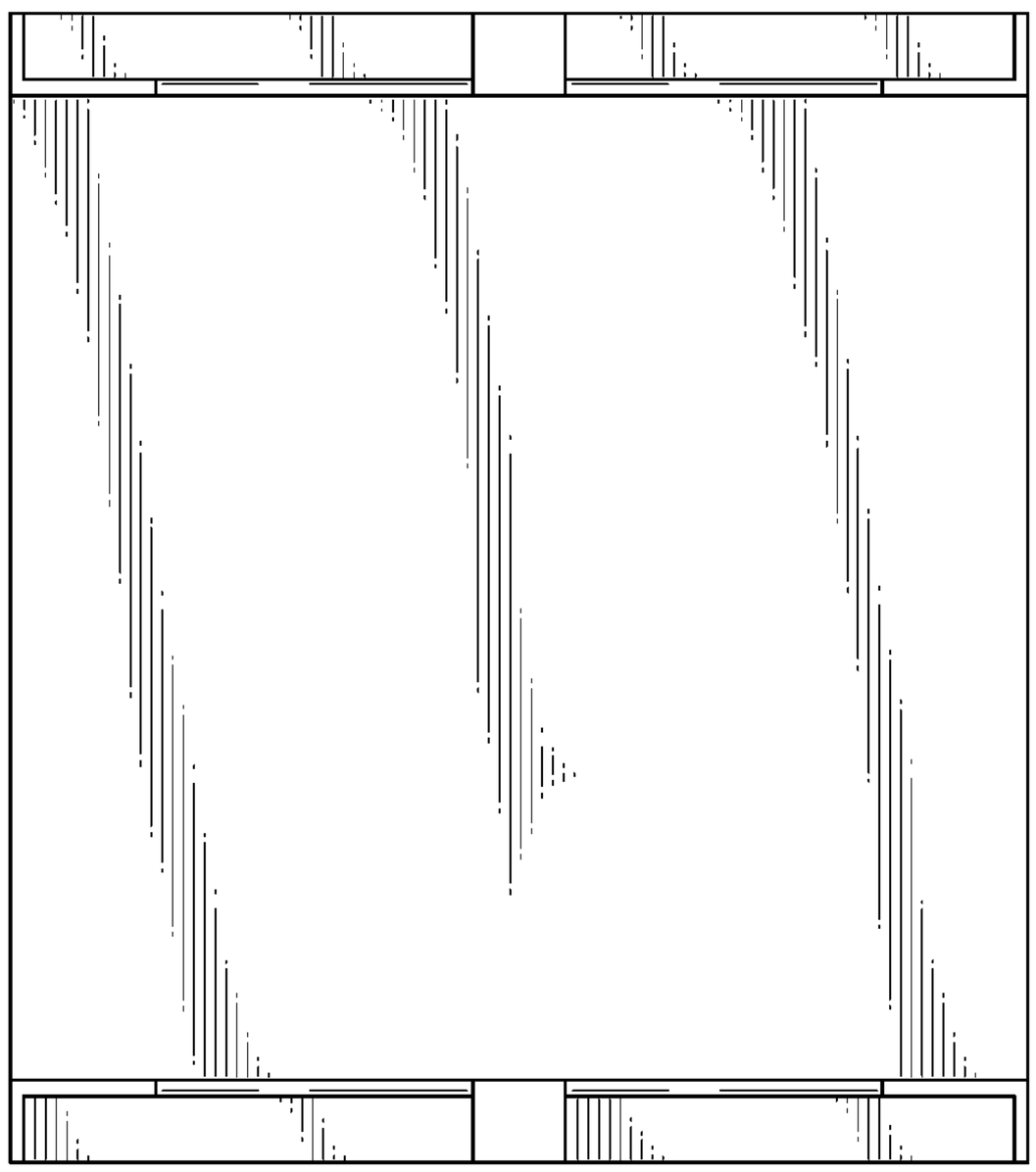

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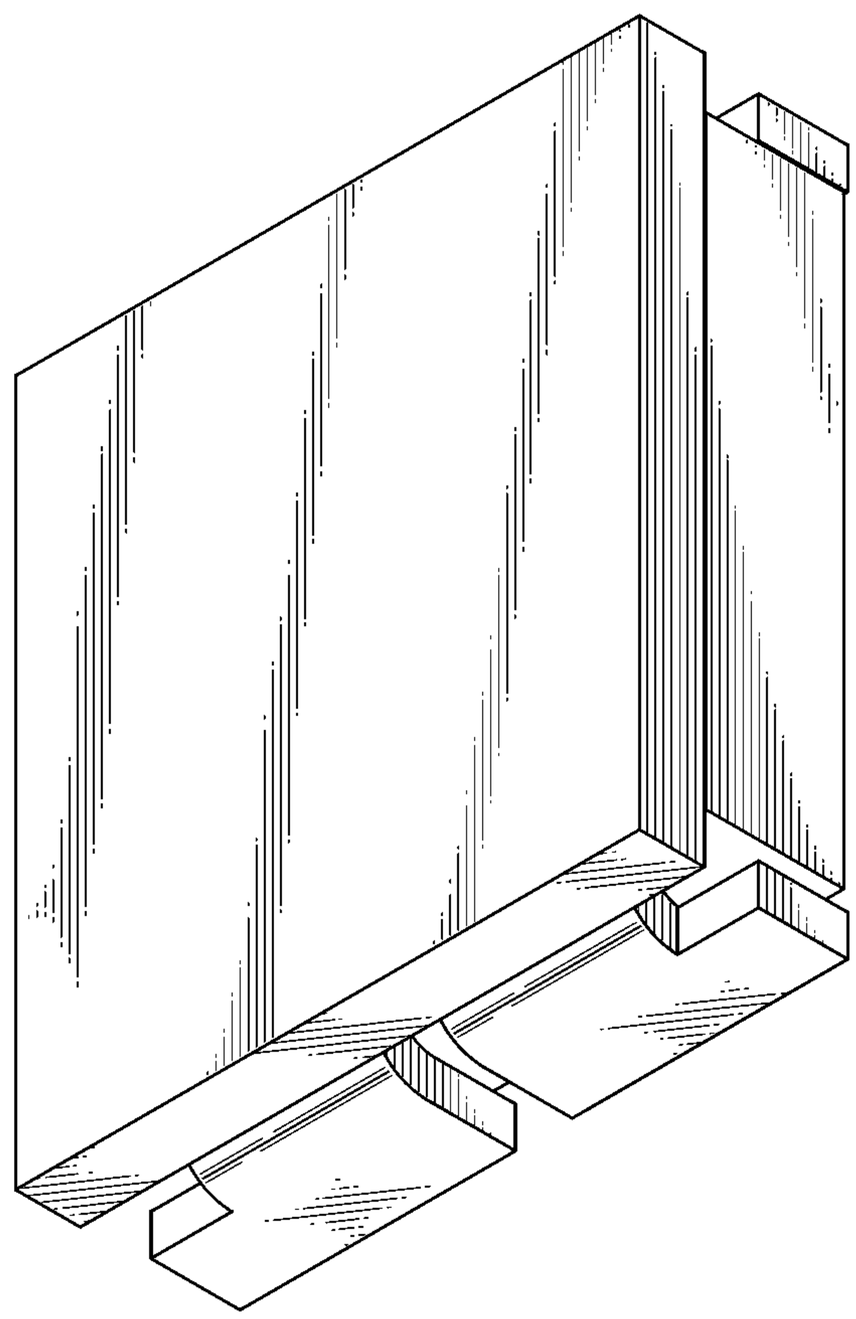

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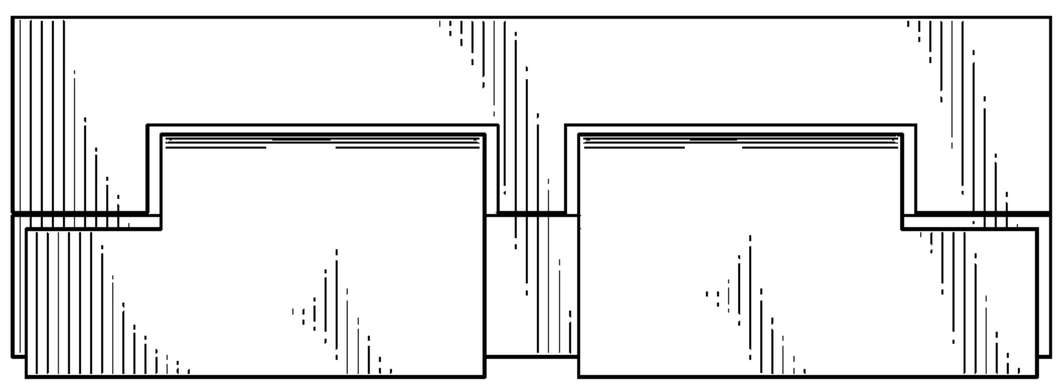

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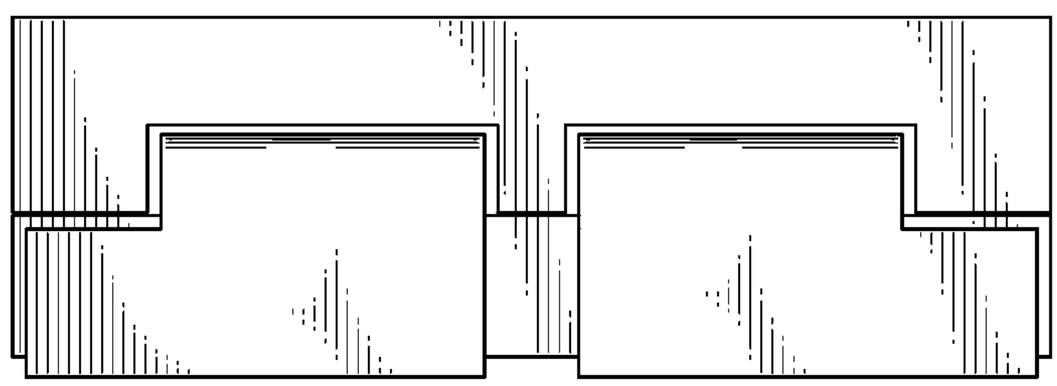

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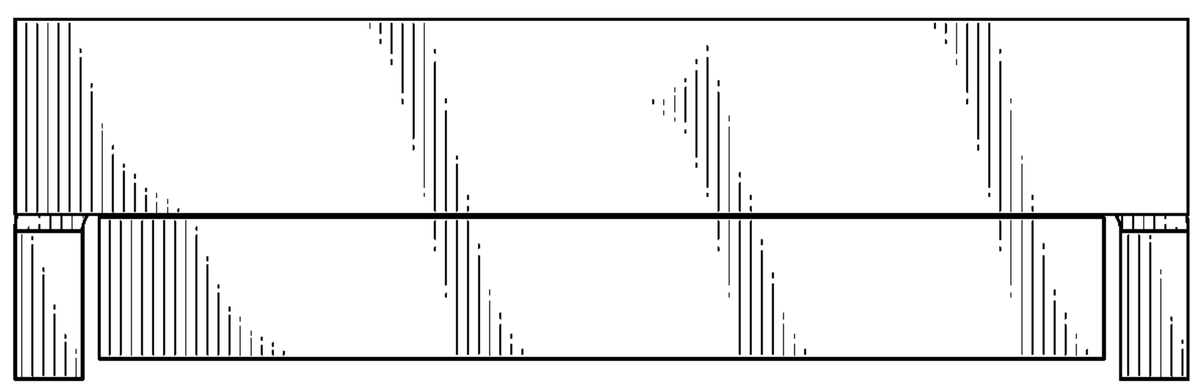

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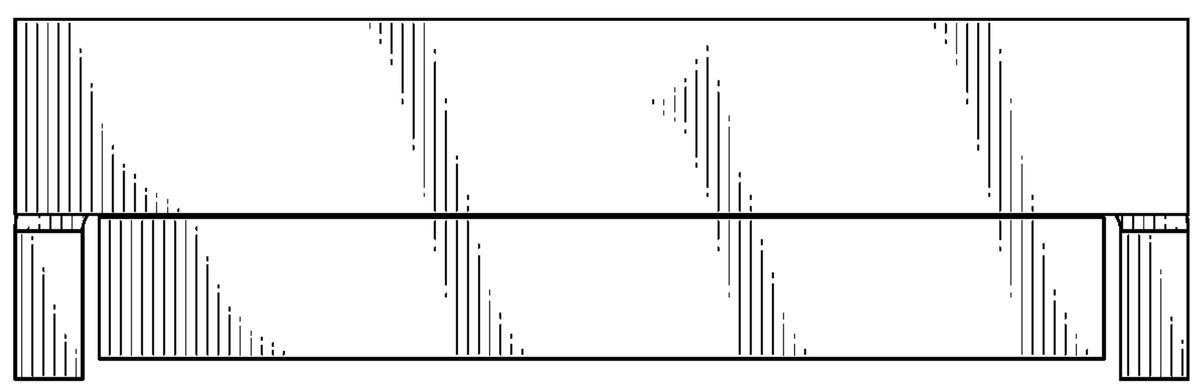

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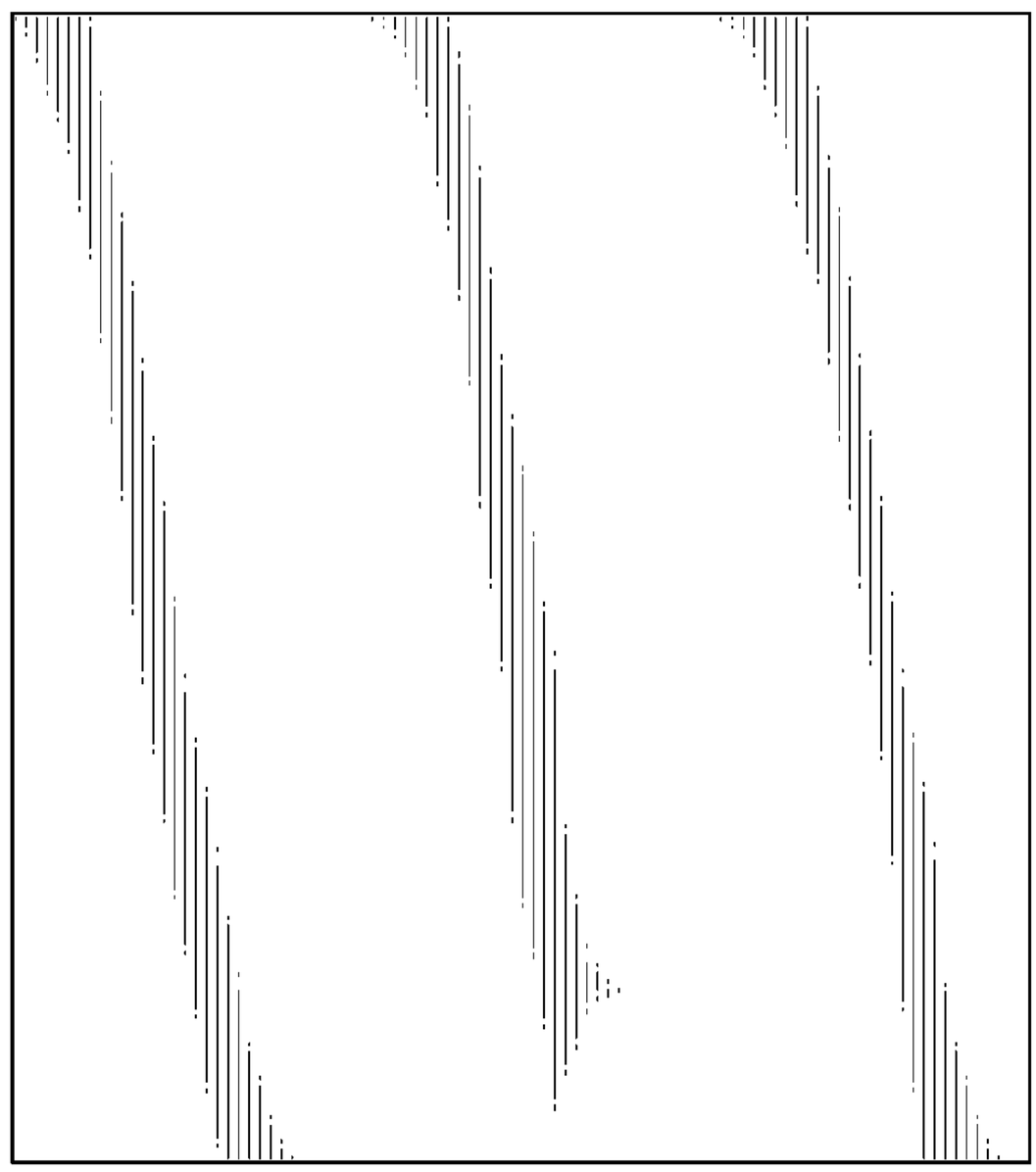

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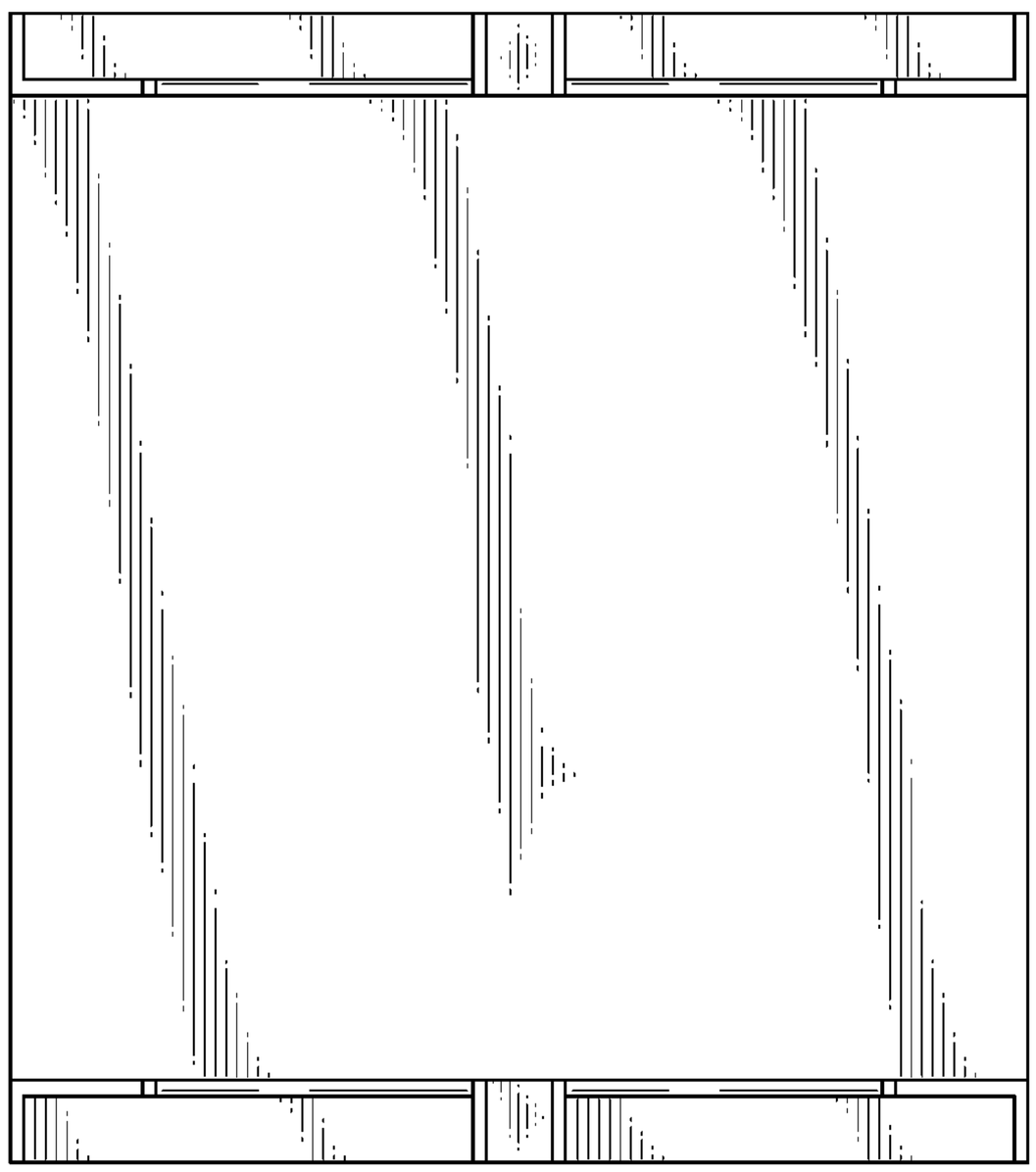

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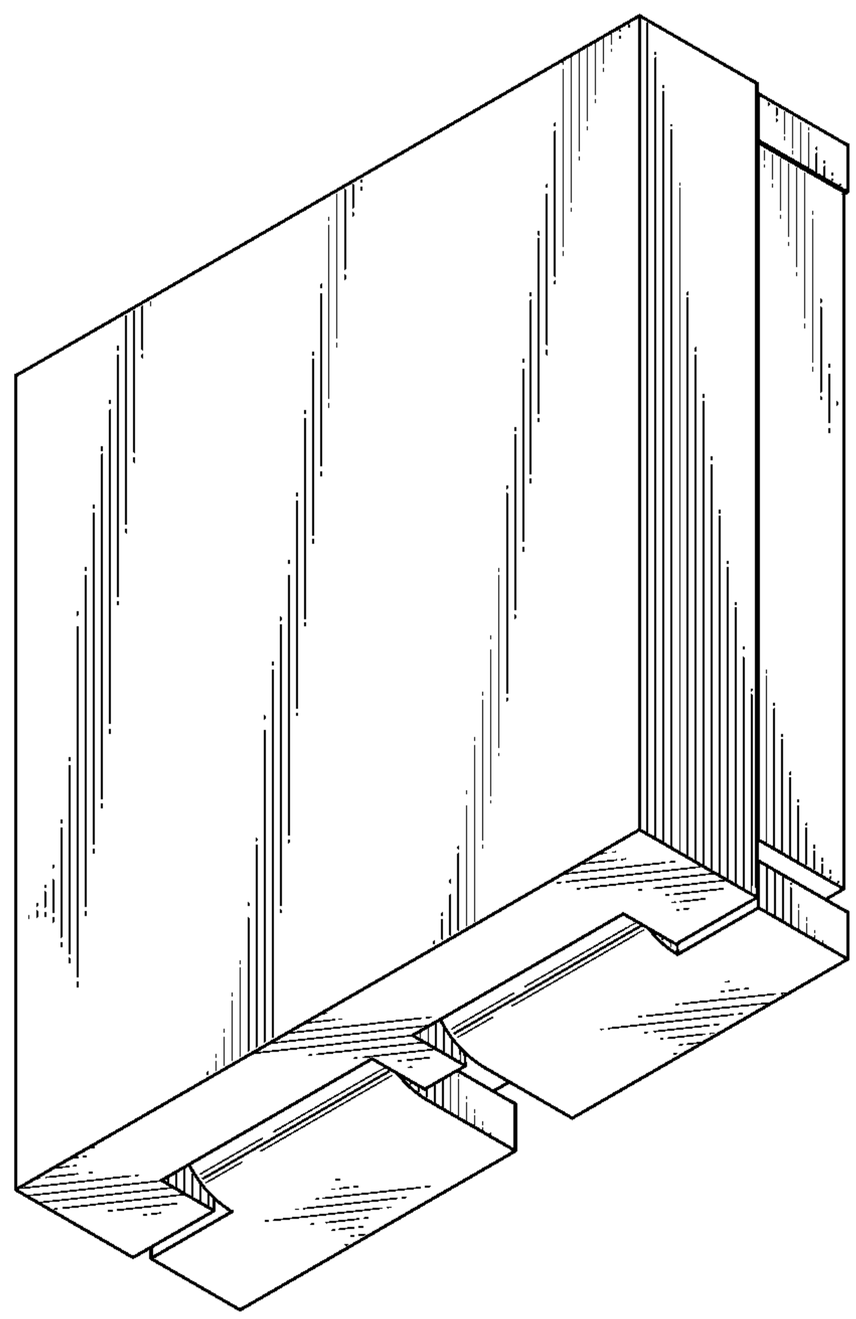

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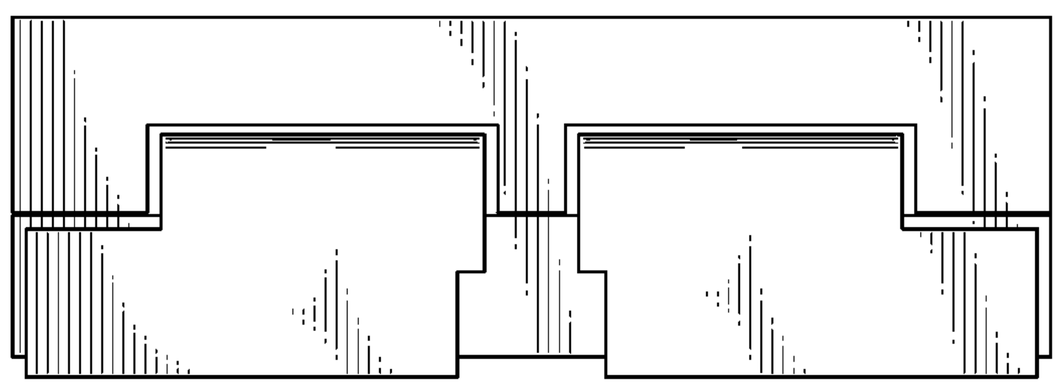

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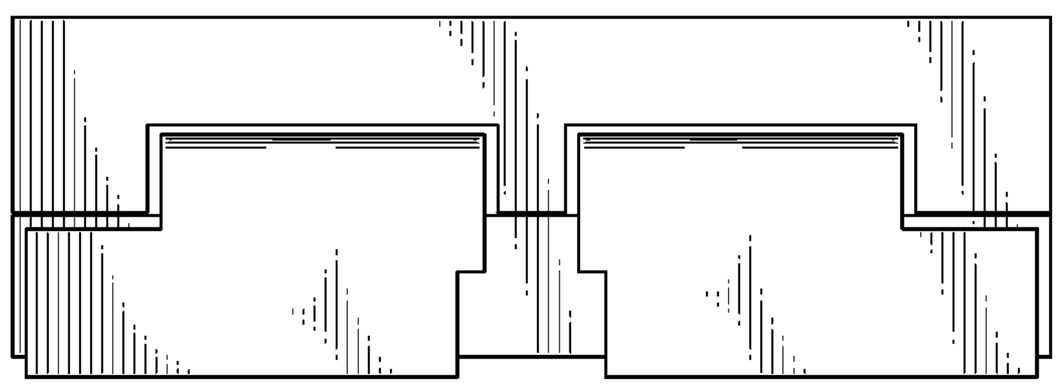

FIG. 38

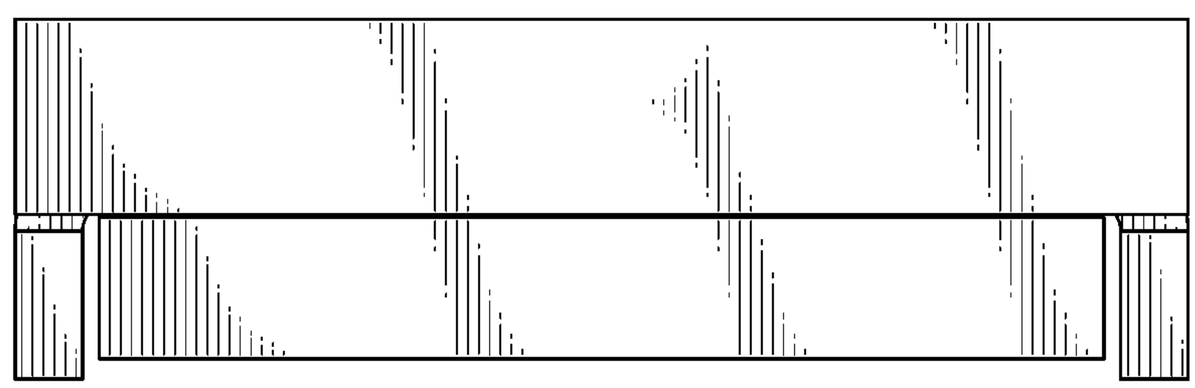

FIG. 39

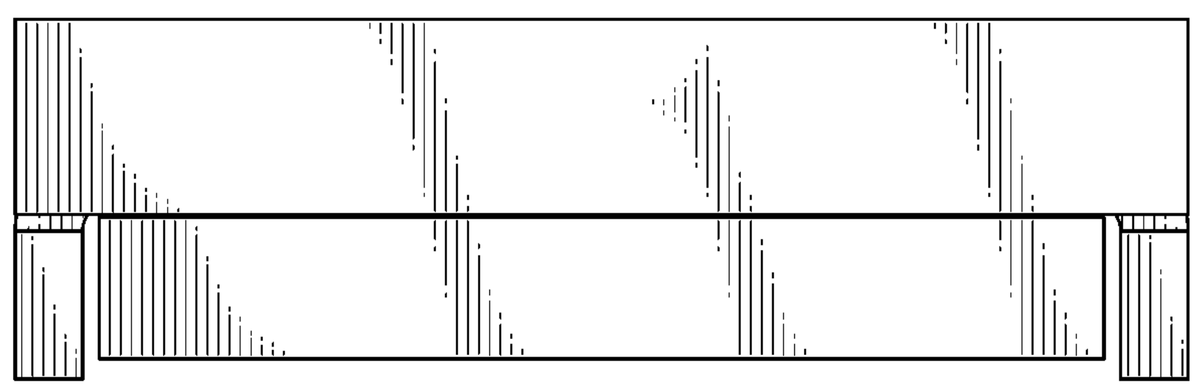

FIG. 40

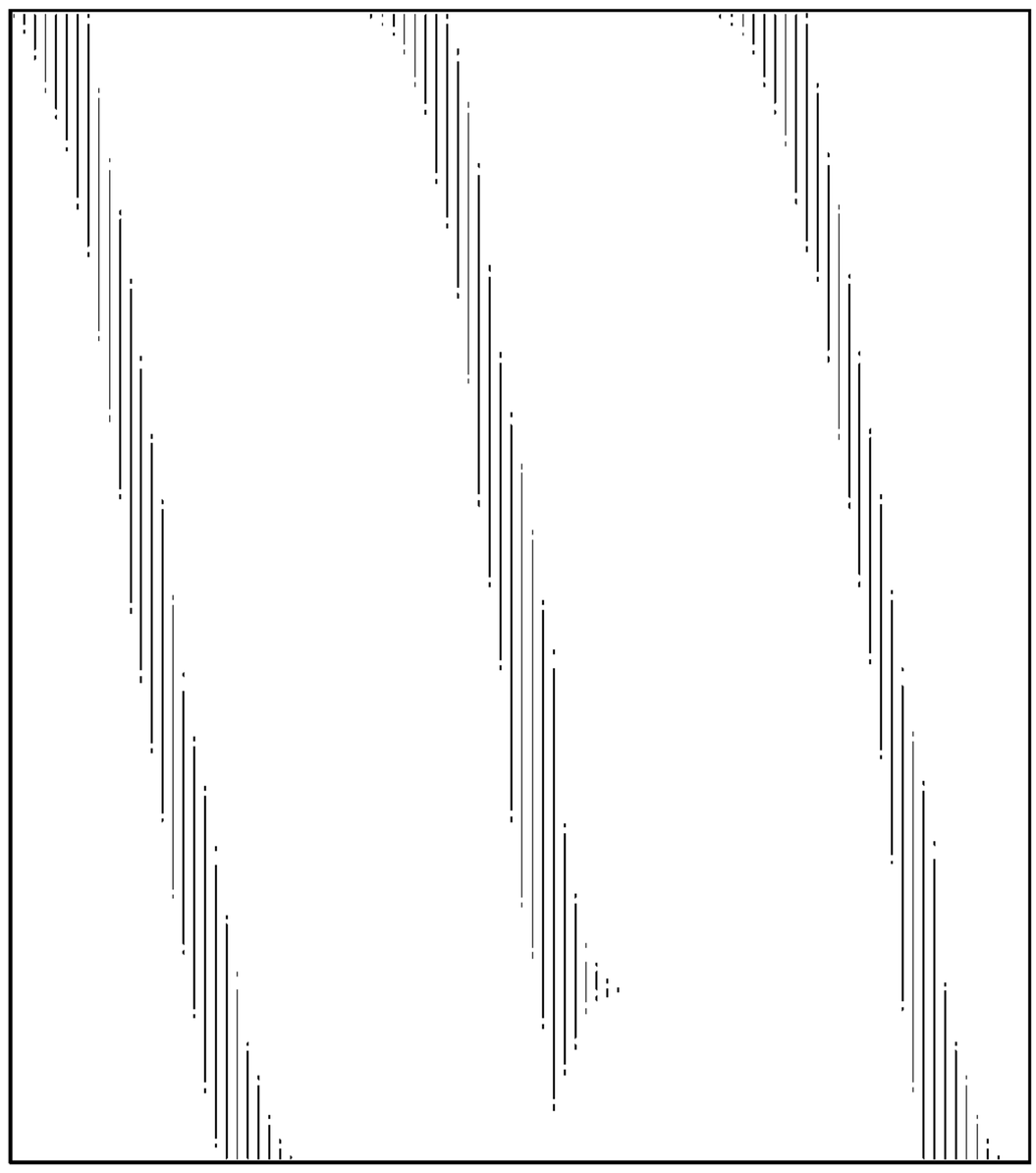

FIG. 41

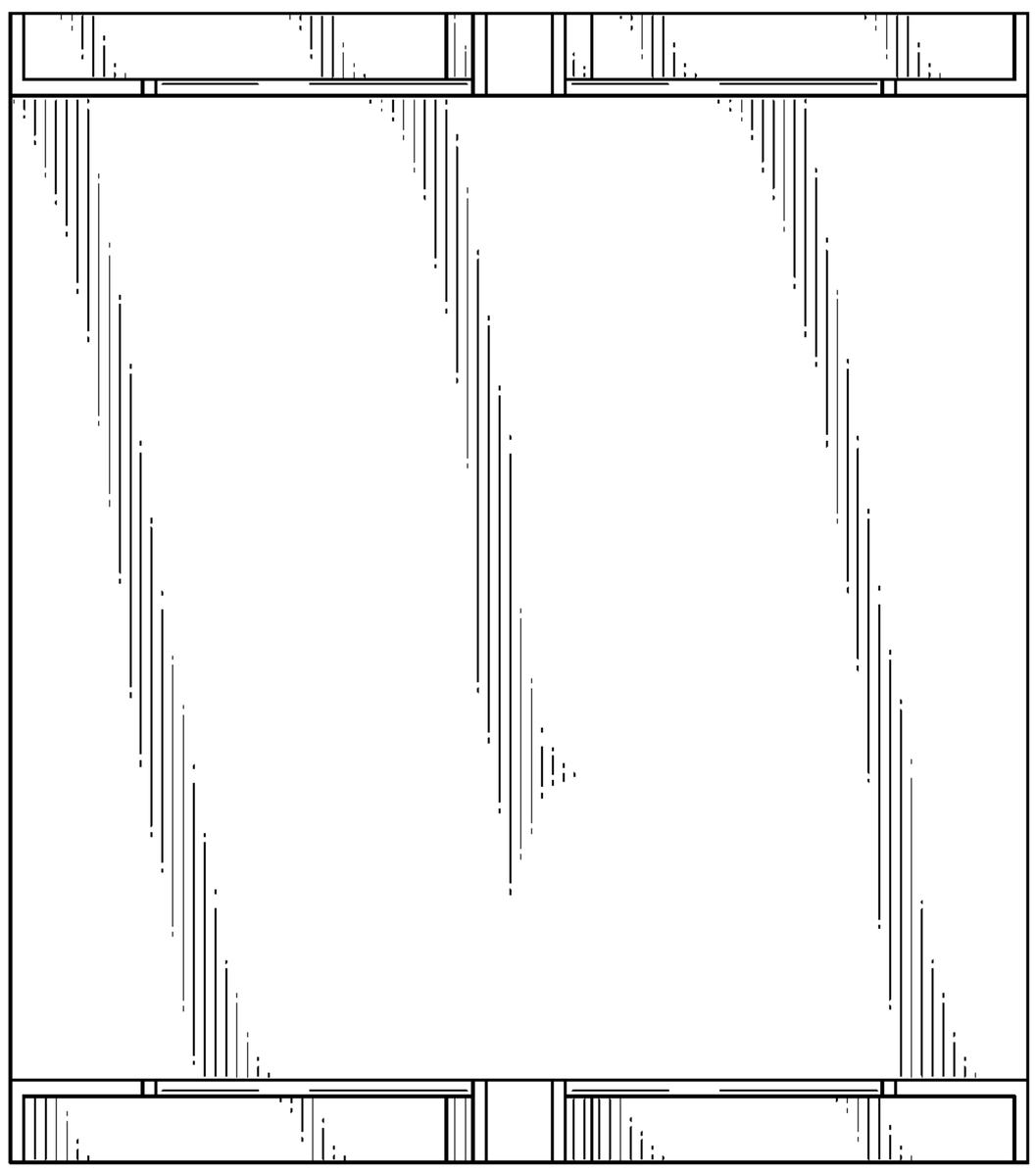
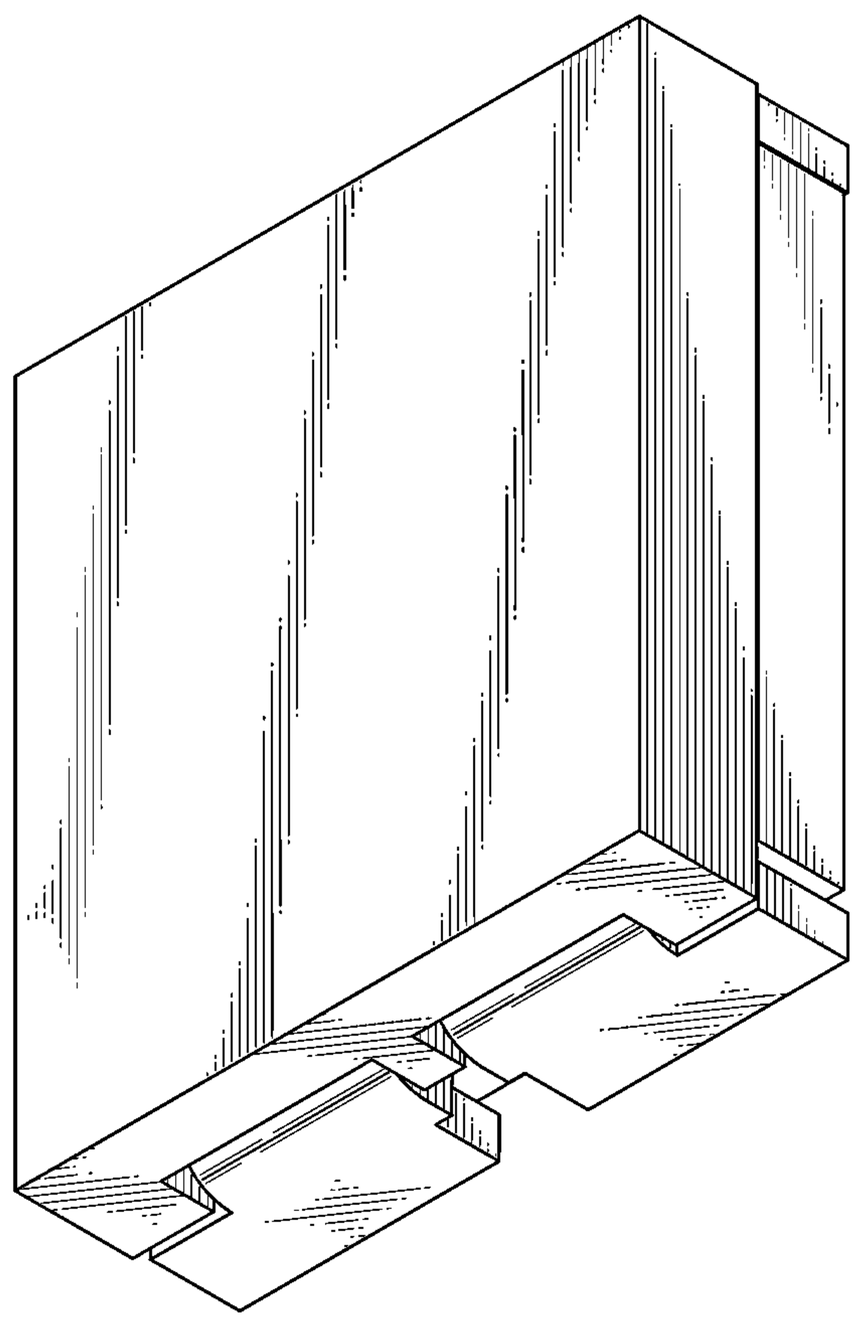
FIG. 42