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Ritchie et al.

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SUSPENDED BIN RACK

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(71)

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See application file for complete search history.

(72)

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(**)

Term: 15 Years

(21)

Appl. No.: 29/996,559

(22)

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(63)

Continuation-in-part of application No. 29/951,838, filed on Jul. 11, 2024, which is a continuation-in-part of application No. 29/751,874, filed on Sep. 23, 2020, now Pat. No. Des. 1,036,165, and a continuation-in-part of application No. 18/748,000, filed on Jun. 19, 2024, which is a continuation of application No. 18/747,143, filed on Jun. 18, 2024, which is a continuation-in-part of application No. 29/751,874, filed on Sep. 23, 2020, now Pat. No. Des. 1,036,165, said application No. 18/748,000 is a continuation-in-part of application No. 29/751,874, filed on Sep. 23, 2020, now Pat. No. Des. 1,036,165, application No. 29/996,559 is a continuation-in-part of application No. 18/748,000, filed on Jun. 19, 2024, and a continuation-in-part of application No. 18/747,143, filed on Jun. 18, 2024.

(51)

LOC (15) Cl. 06-06

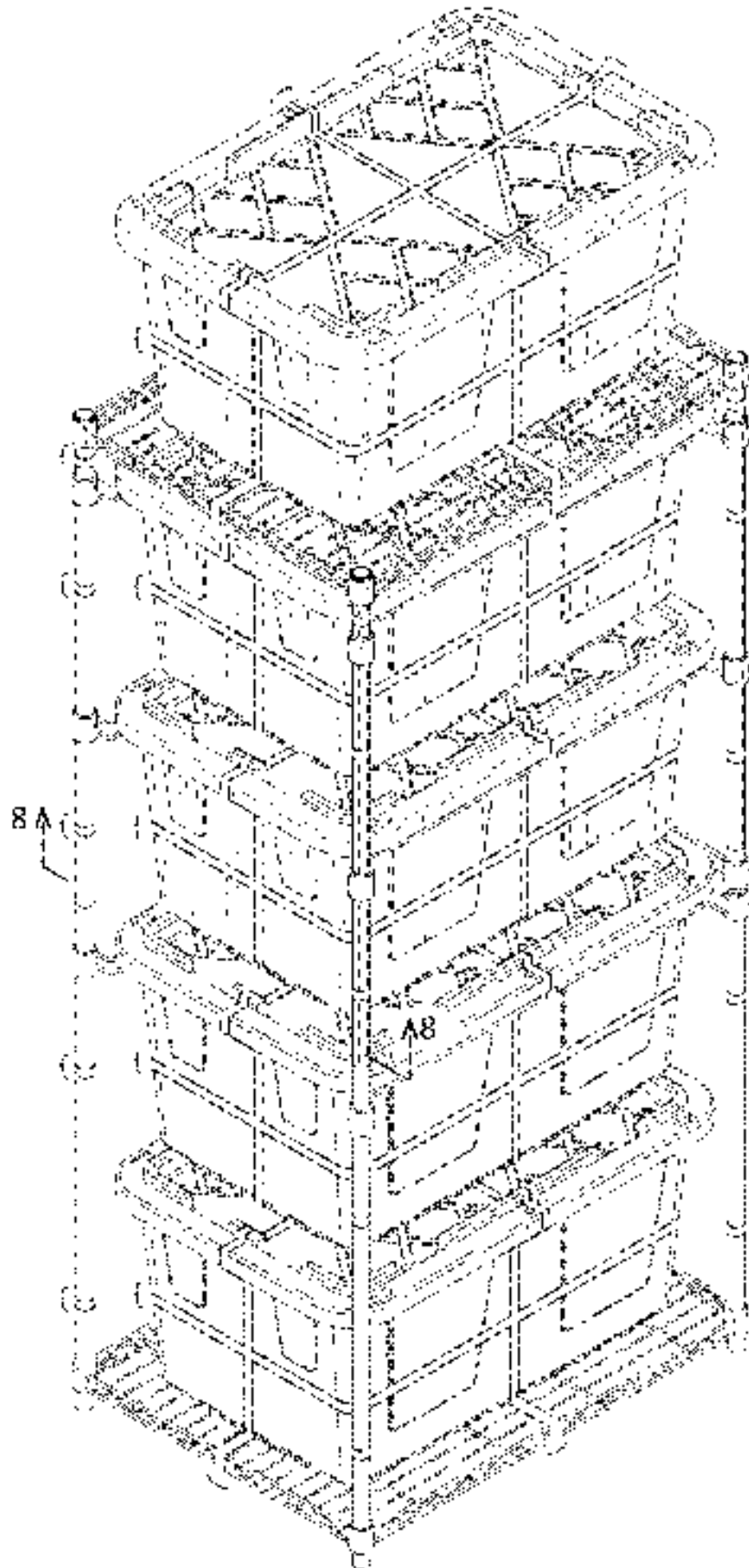
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U.S. Cl.
USPC D6/675.2

(58)

Field of Classification Search
USPC D34/12, 14, 17, 21; D6/657, 672, 675, D6/675.1, 678, 678.1, 682

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Primary Examiner — Kelley A Donnelly

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Timothy D. Snowden

(57)

CLAIM

The ornamental design for a suspended bin rack, as shown and described.

DESCRIPTION

This application may have a common inventor and/or related subject matter to:

- U.S. application Ser. No. 18/894,194, titled “Shelving unit” and filed Sep. 24, 2024 by Dylan T. Ritchie, et al;
- U.S. Design application Ser. No. 29/637,331, titled “Shelving unit” and filed Feb. 15, 2018 by Matthew E. Davis, et al;
- U.S. application Ser. No. 16/259,149, titled “Shelving unit” and filed Jan. 28, 2019 by Matthew E. Davis, et al;
- U.S. application Ser. No. 18/652,570, titled “Shelving unit” and filed May 1, 2024 by Matthew E. Davis, et al.; and
- U.S. application Ser. No. 35/003,404, titled “Hanging bin shelving” and filed Mar. 12, 2025 by Matthew E. Davis, et al.

This application incorporates herein by reference the entirety of each of the foregoing applications.

FIG. 1 is a top-front perspective view of a suspended bin rack;

FIG. 2 is a bottom-rear perspective view of the design shown in FIG. 1;

FIG. 3 is a front elevation view of the design shown in FIG. 1;

FIG. 4 is a rear elevation view of the design shown in FIG. 1;

FIG. 5 is a left side elevation view of the design shown in FIG. 1, the right side being a mirror image thereof;

FIG. 6 is a top plan view of the design shown in FIG. 1;

FIG. 7 is a bottom plan view of the design shown in FIG. 1; and

FIG. 8 is a section view as indicated in FIG. 1, depicting a bottom plan view of the claimed region.

FIG. 9 is a top-front perspective view of a suspended bin rack such as shown in FIG. 1 in an illustrative environmental scenario shown coupled to a second bin rack shelving column and provided with wheels.

FIG. 10 is a bottom rear perspective view of the design shown in FIG. 9; and

FIG. 11 is a section view as indicated in FIG. 9, depicting a bottom plan view of the claimed region.

FIG. 12 is a top-front perspective view of an embodiment of a suspended bin rack such as shown in FIG. 1 with upright support members having a polygonal cross-section, the design shown in an illustrative environmental scenario shown with an add-on column and double-sided bin rails between the vertical columns;

FIG. 13 is a bottom rear perspective view of the design shown in FIG. 12; and,

FIG. 14 is a section view as indicated in FIG. 12, depicting a bottom plan view of the claimed region.

Broken (dash-dash) lines illustrate unclaimed features and/or portions, broken (long dash-short dash) lines illustrate

boundaries of unclaimed portions, and sets of parallel broken lines interrupting a feature(s) indicates indeterminate dimension(s), all of which form no part of the claimed design. This disclosure specifically encompasses variants converting any broken line to a solid line, or vice versa. This disclosure specifically encompasses and claims variants removing any combination of indeterminate dimensions such that the resulting claimed design variant is as shown without the indeterminate dimension indicator(s).

1 Claim, 13 Drawing Sheets

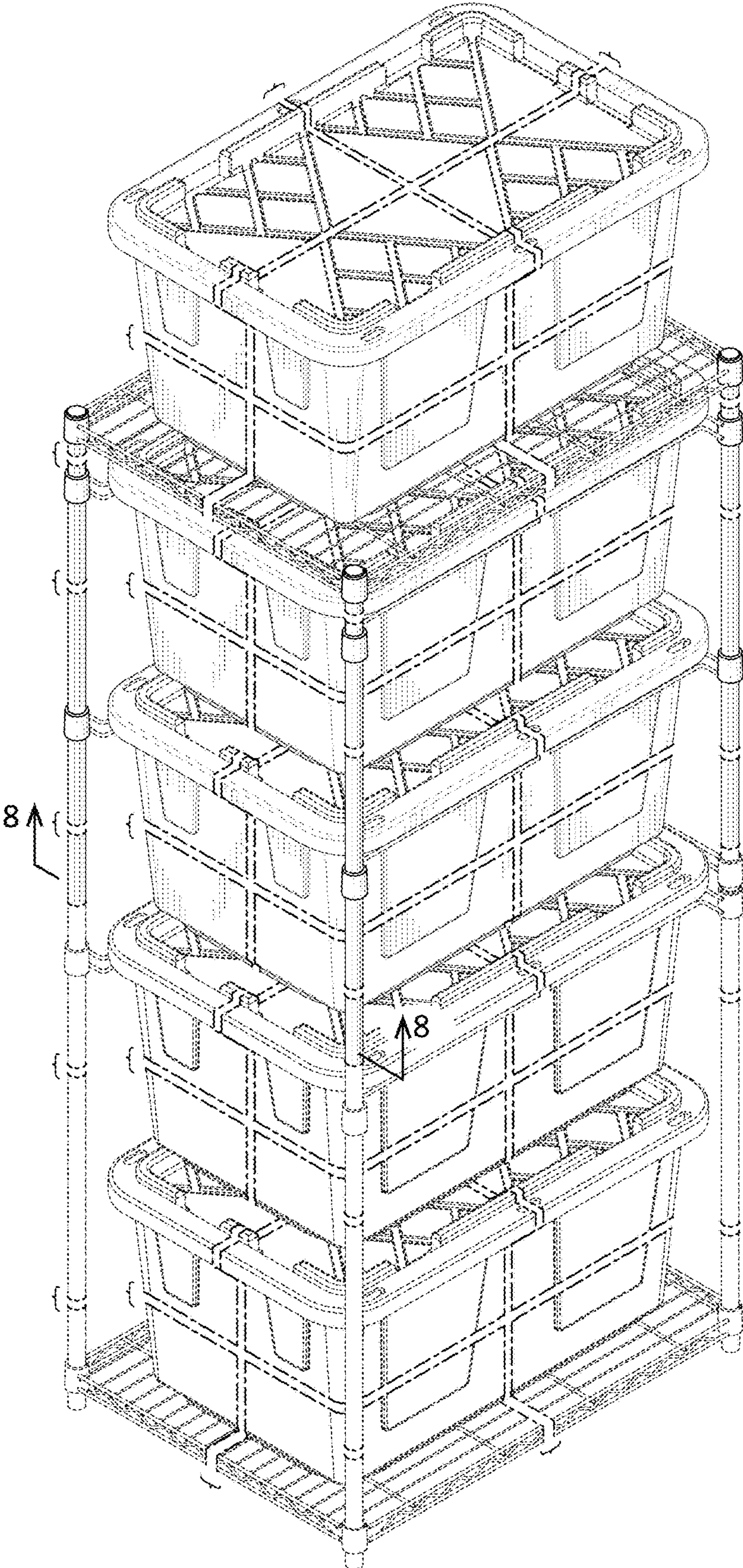


FIG. 1

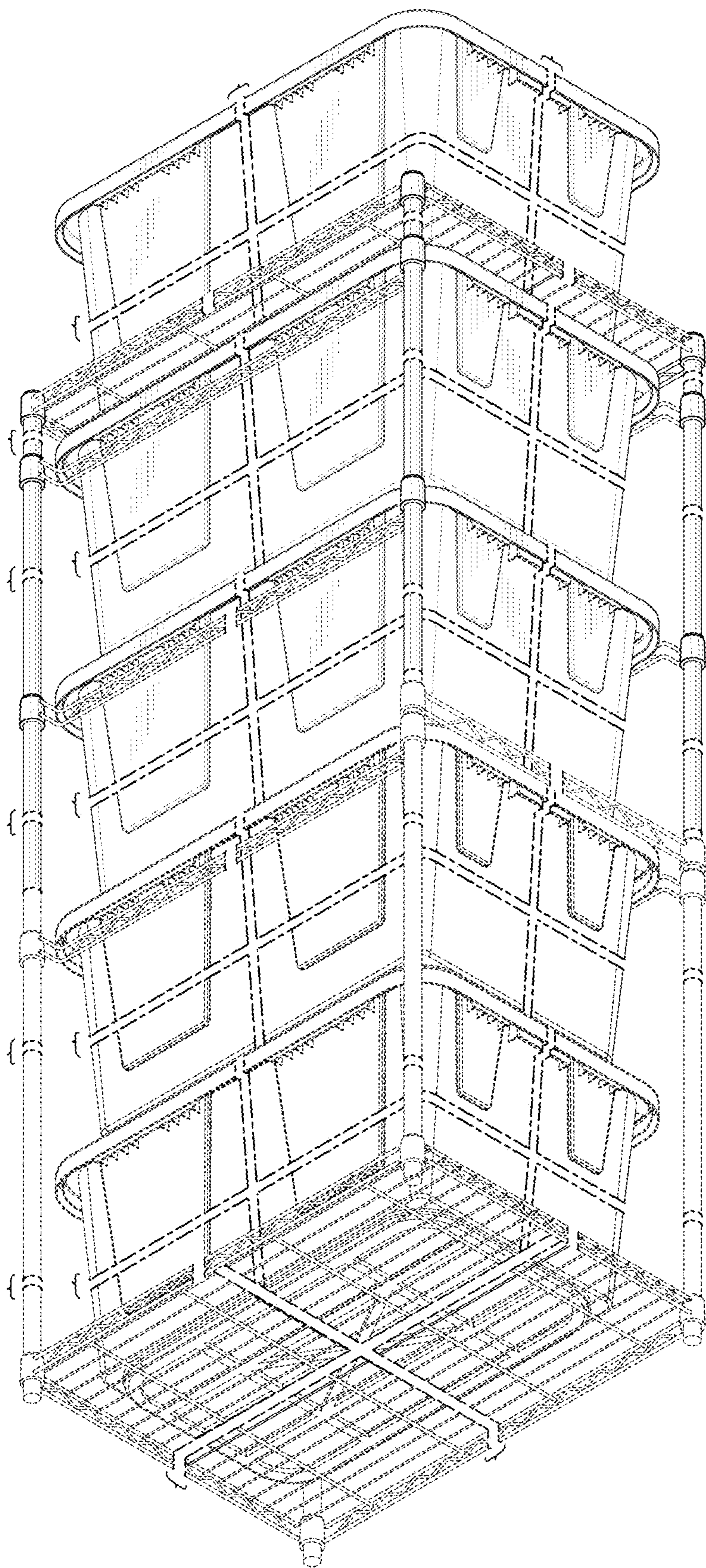


FIG. 2

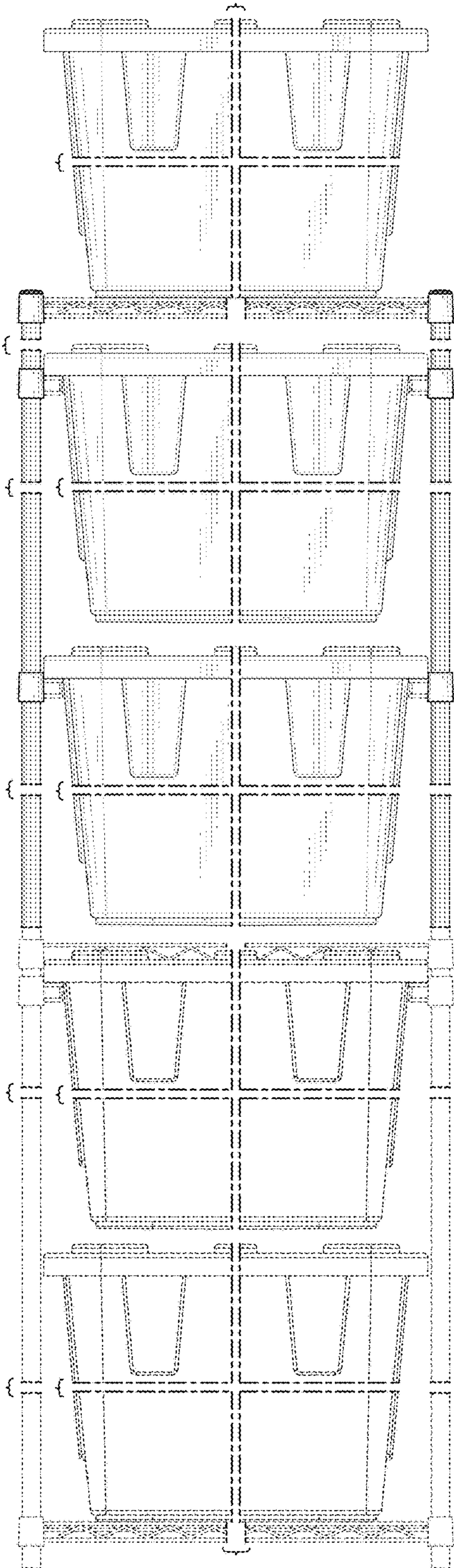


FIG. 3

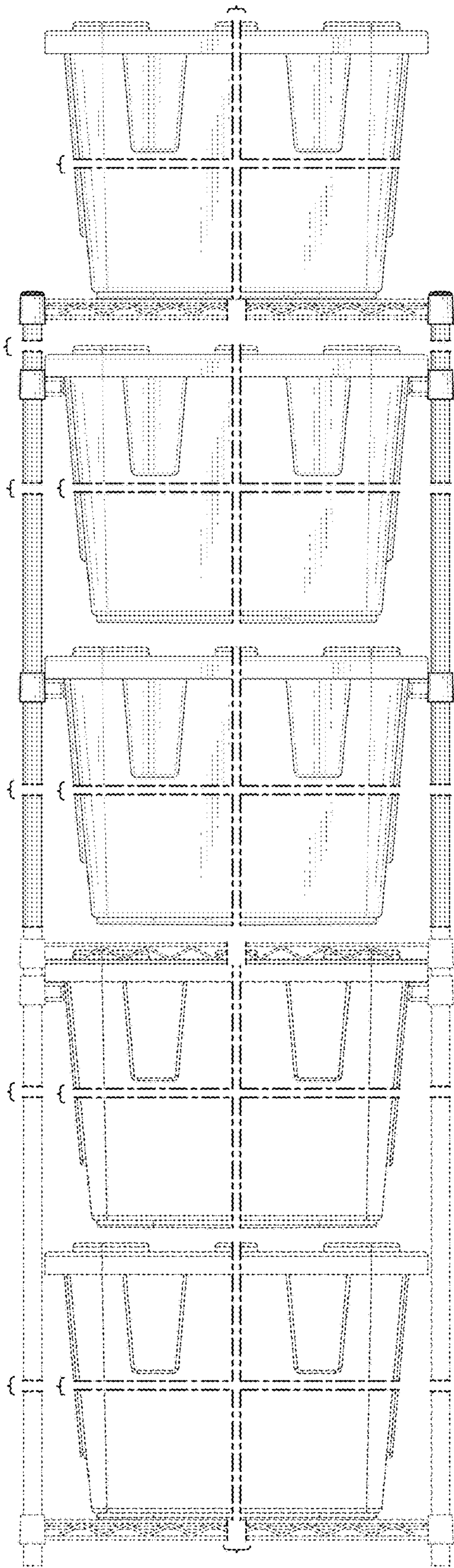


FIG. 4

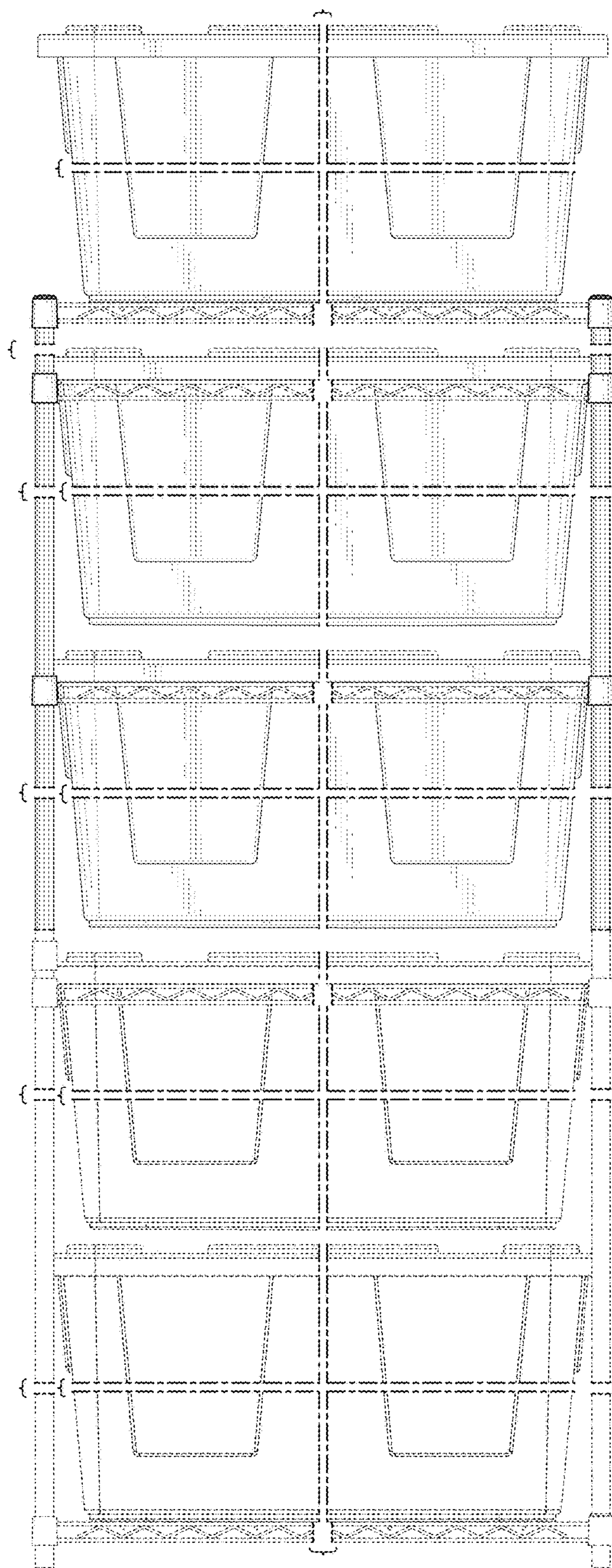


FIG. 5

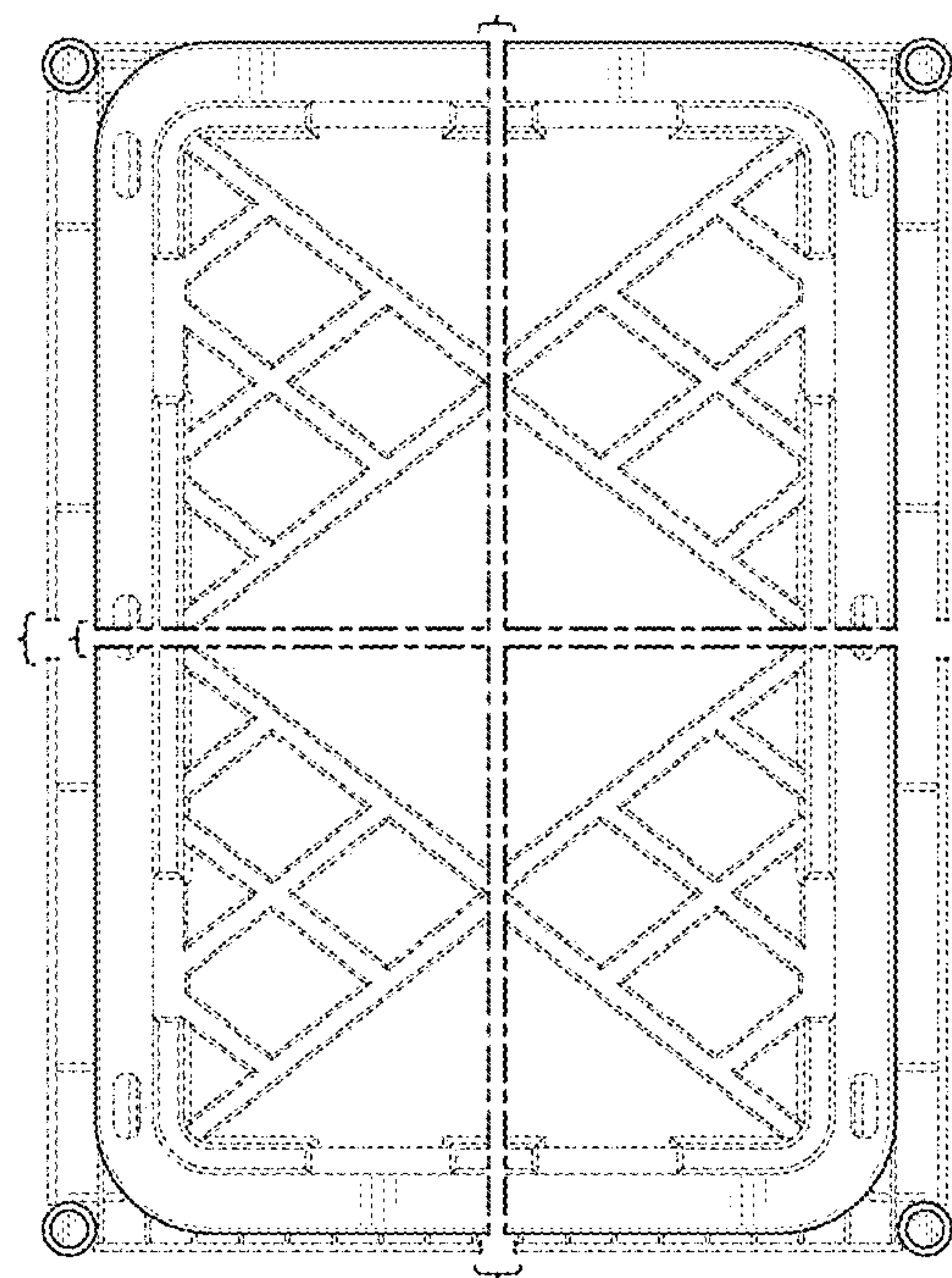


FIG. 6

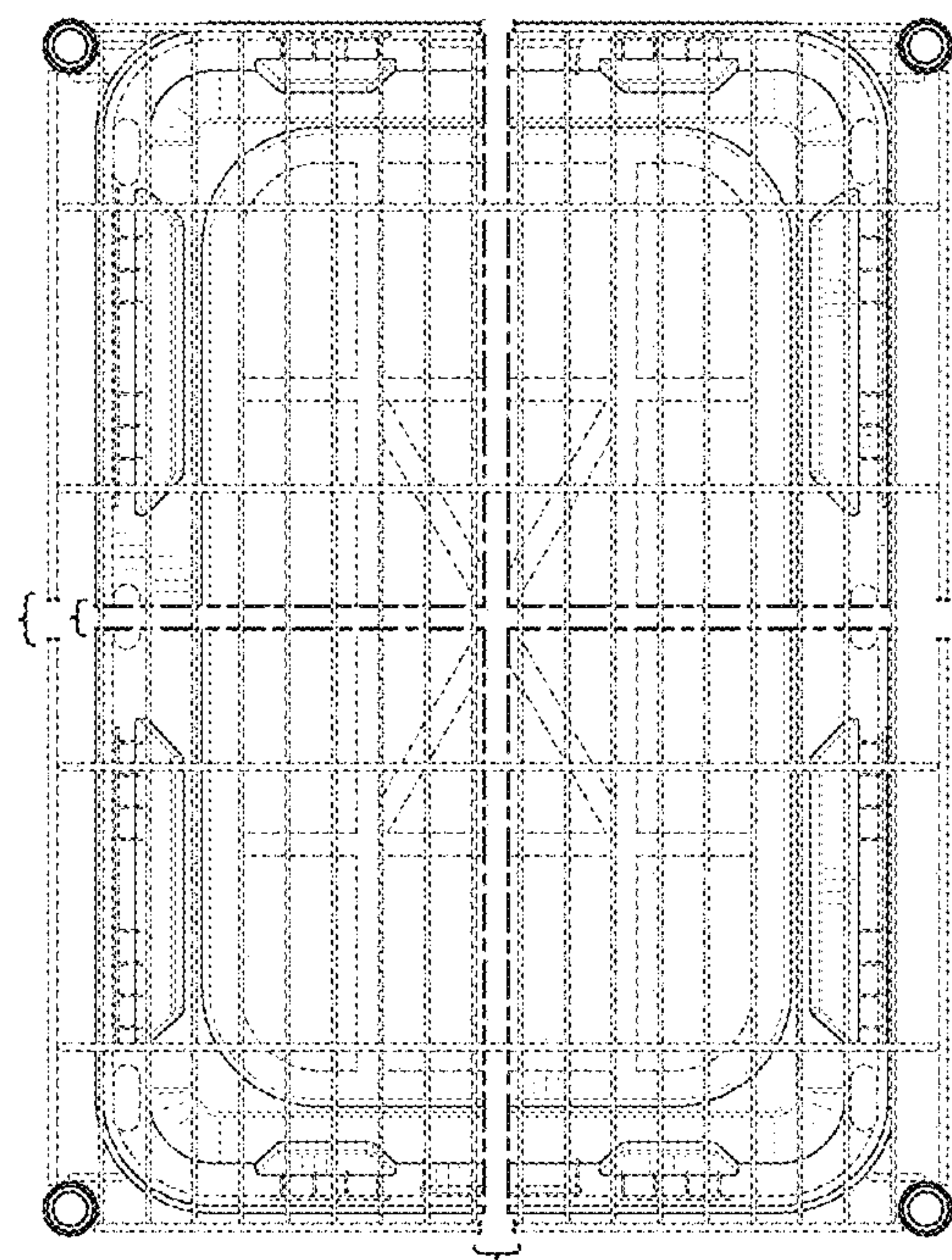


FIG. 7

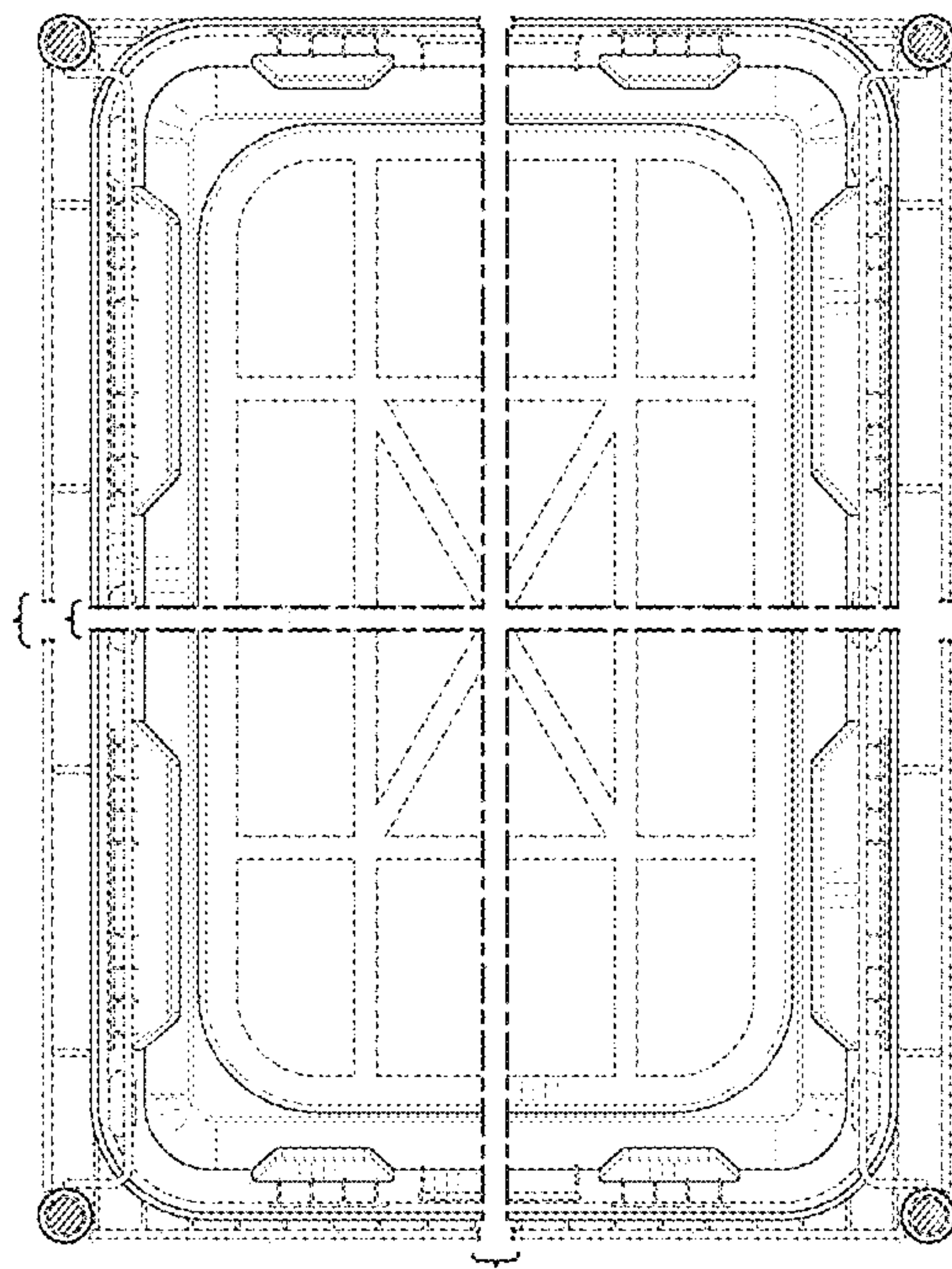


FIG. 8

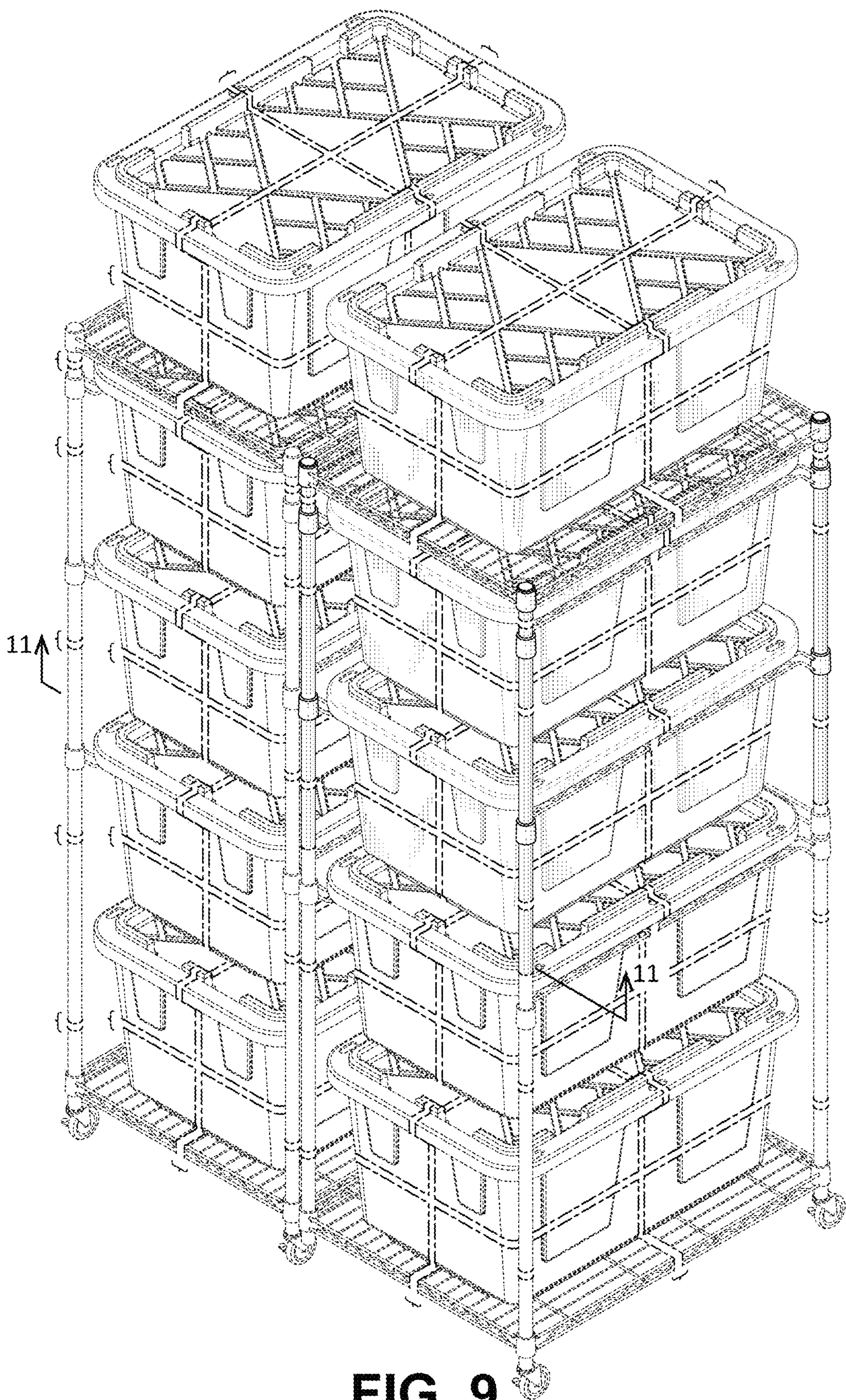


FIG. 9

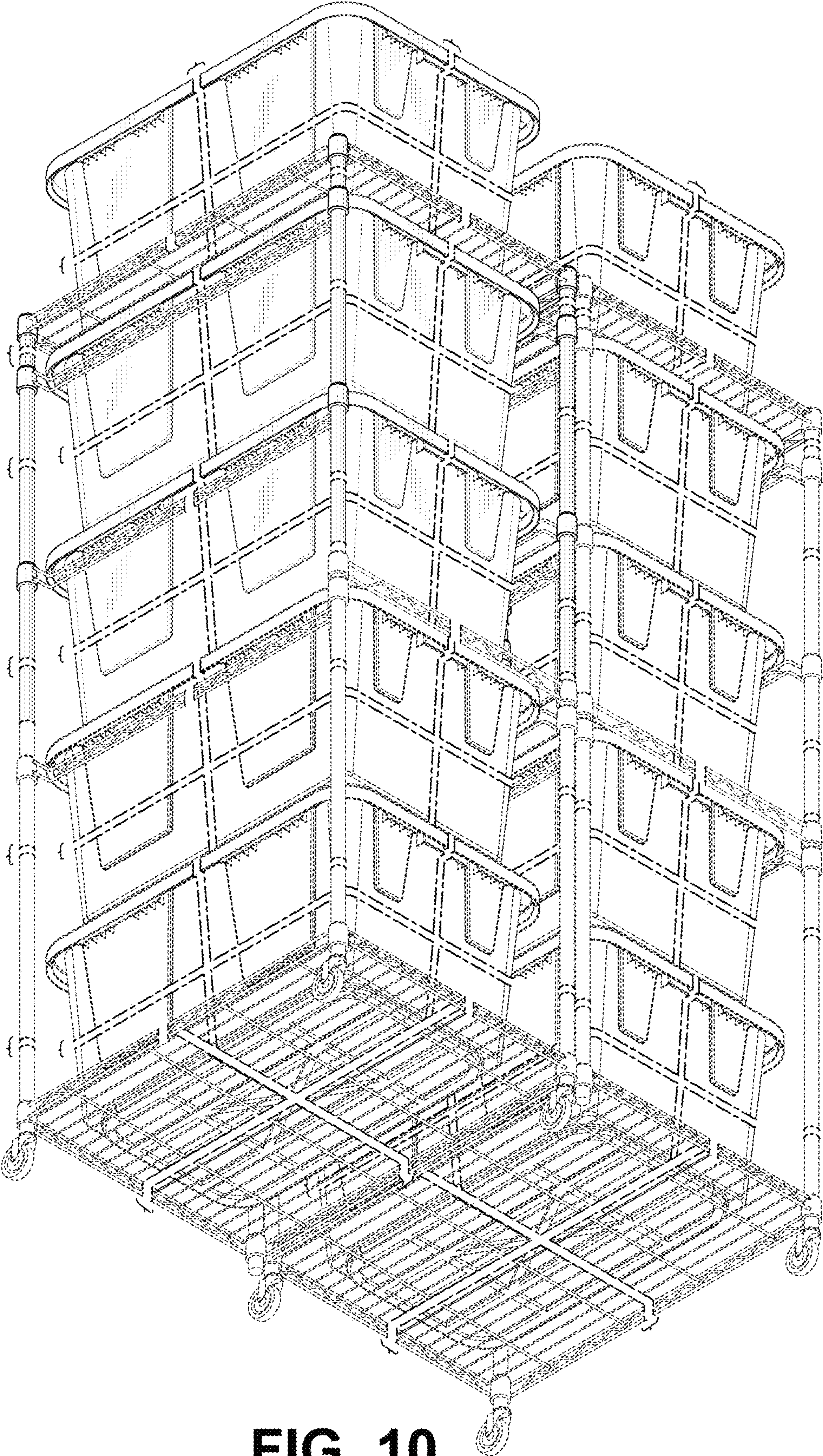


FIG. 10

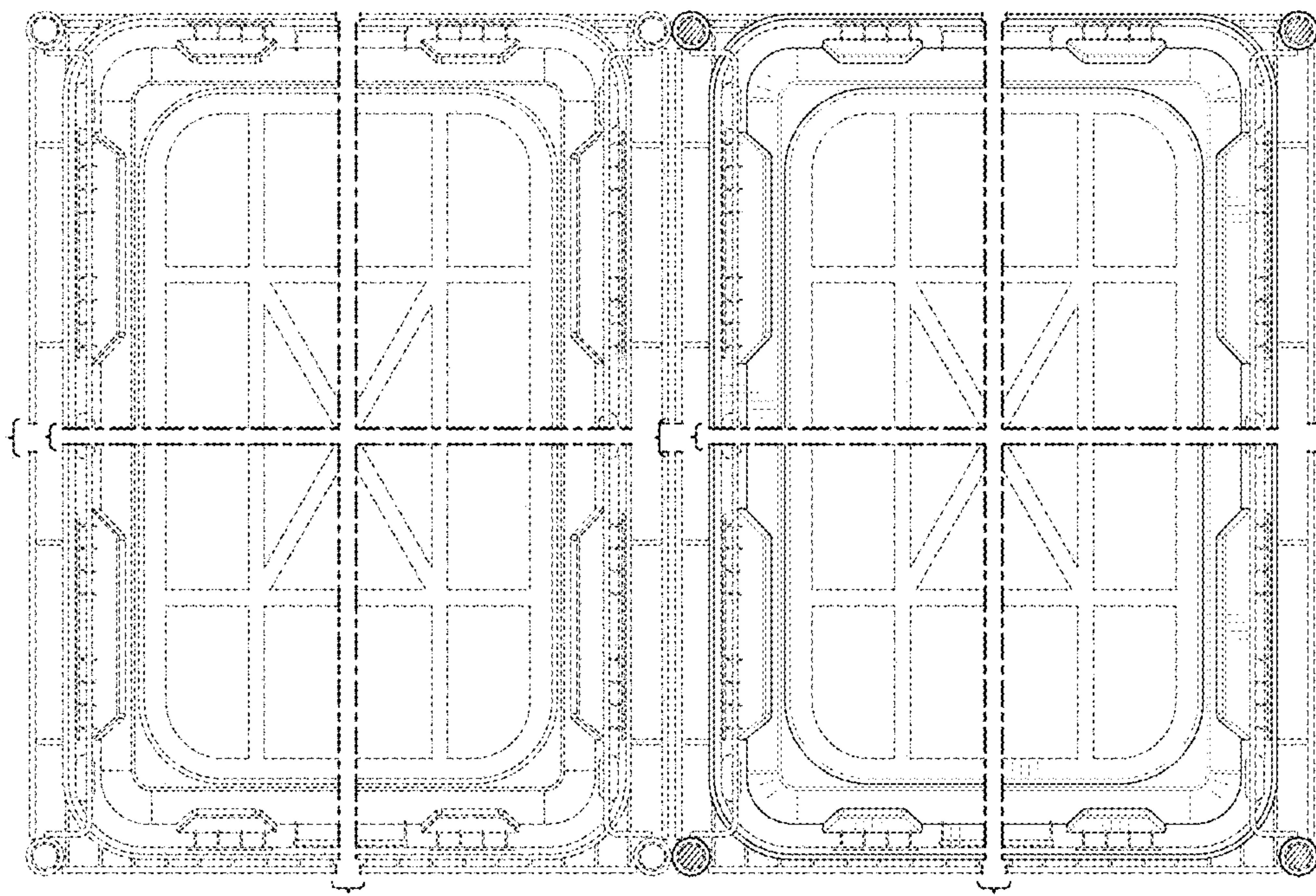


FIG. 11

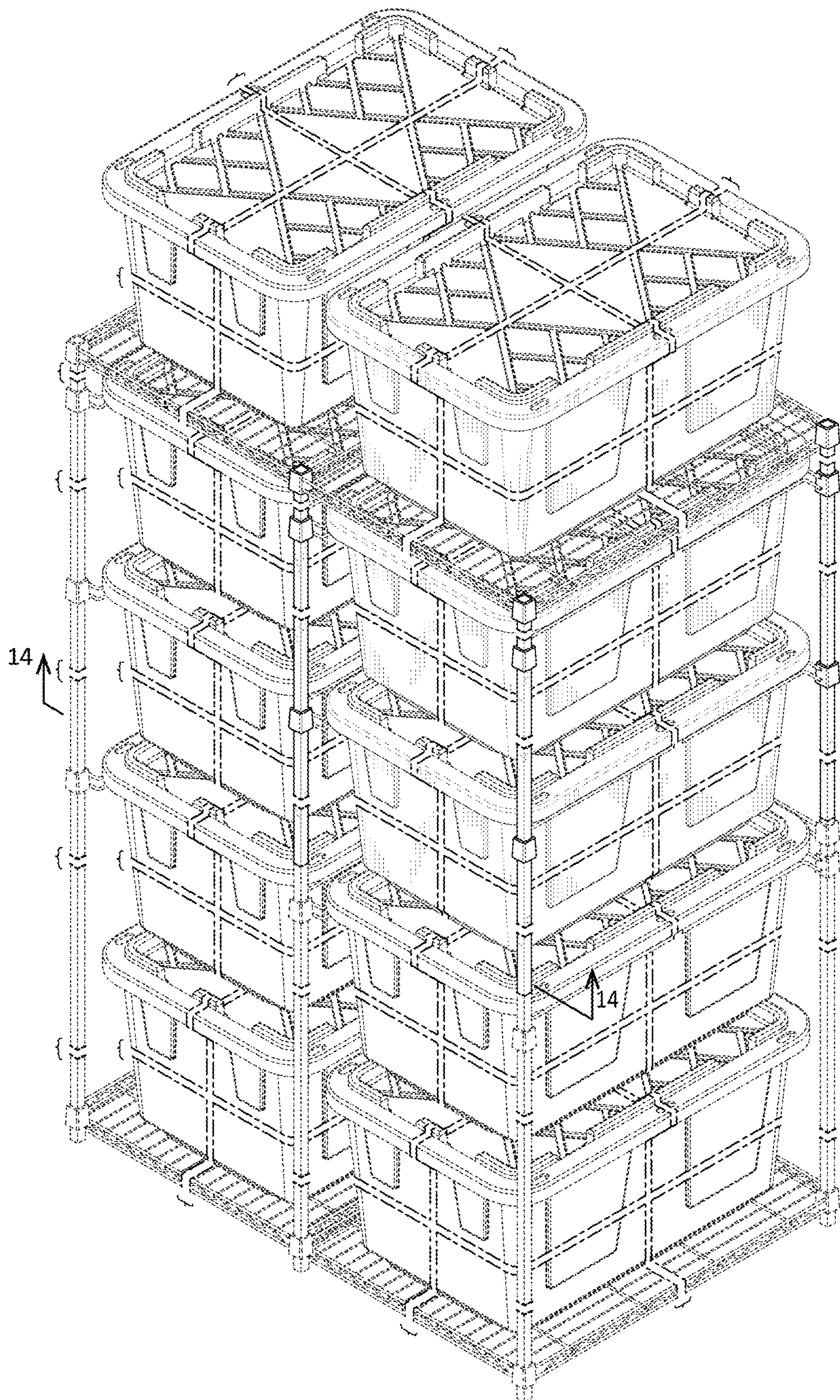


FIG. 12

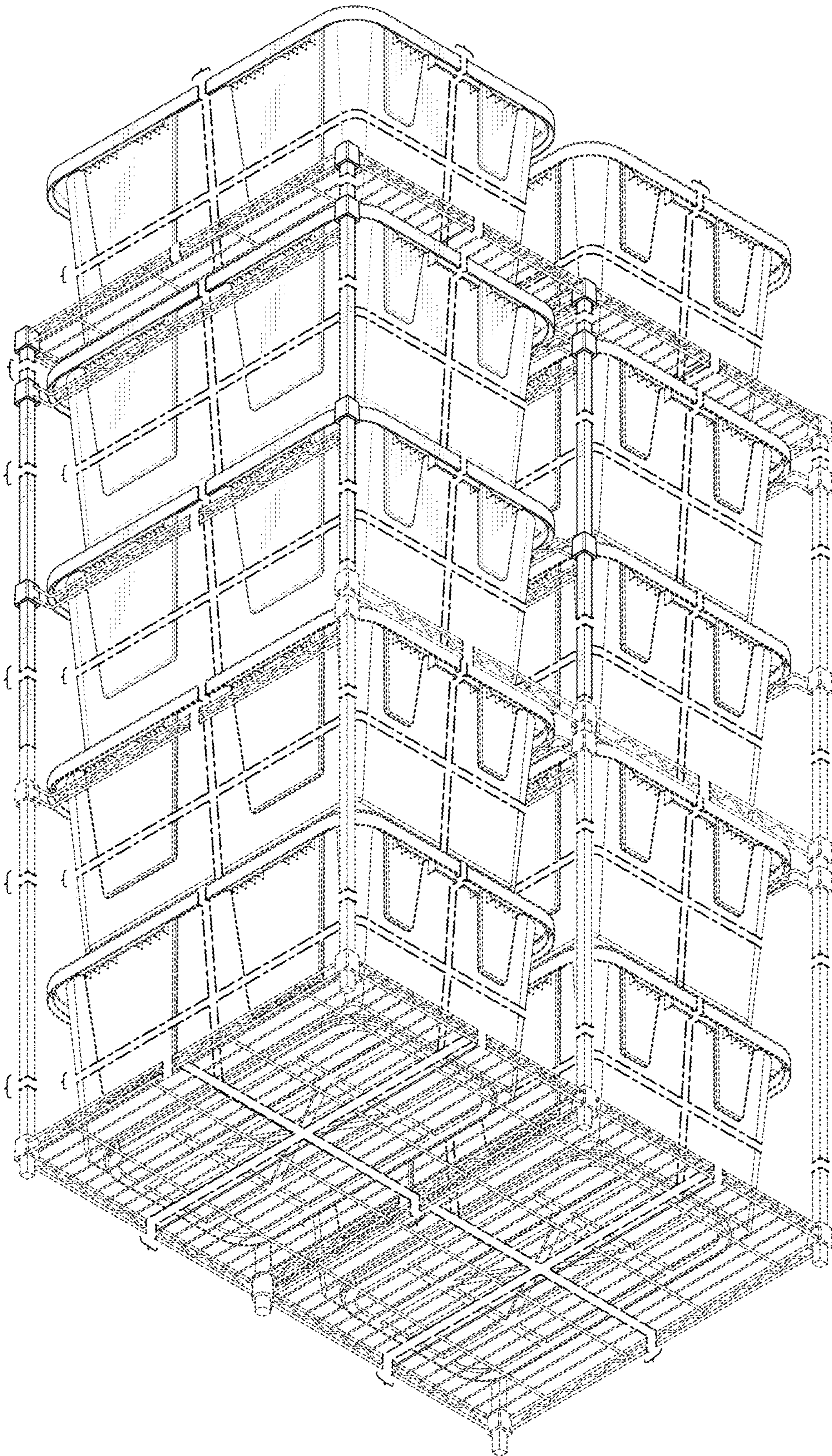


FIG. 13

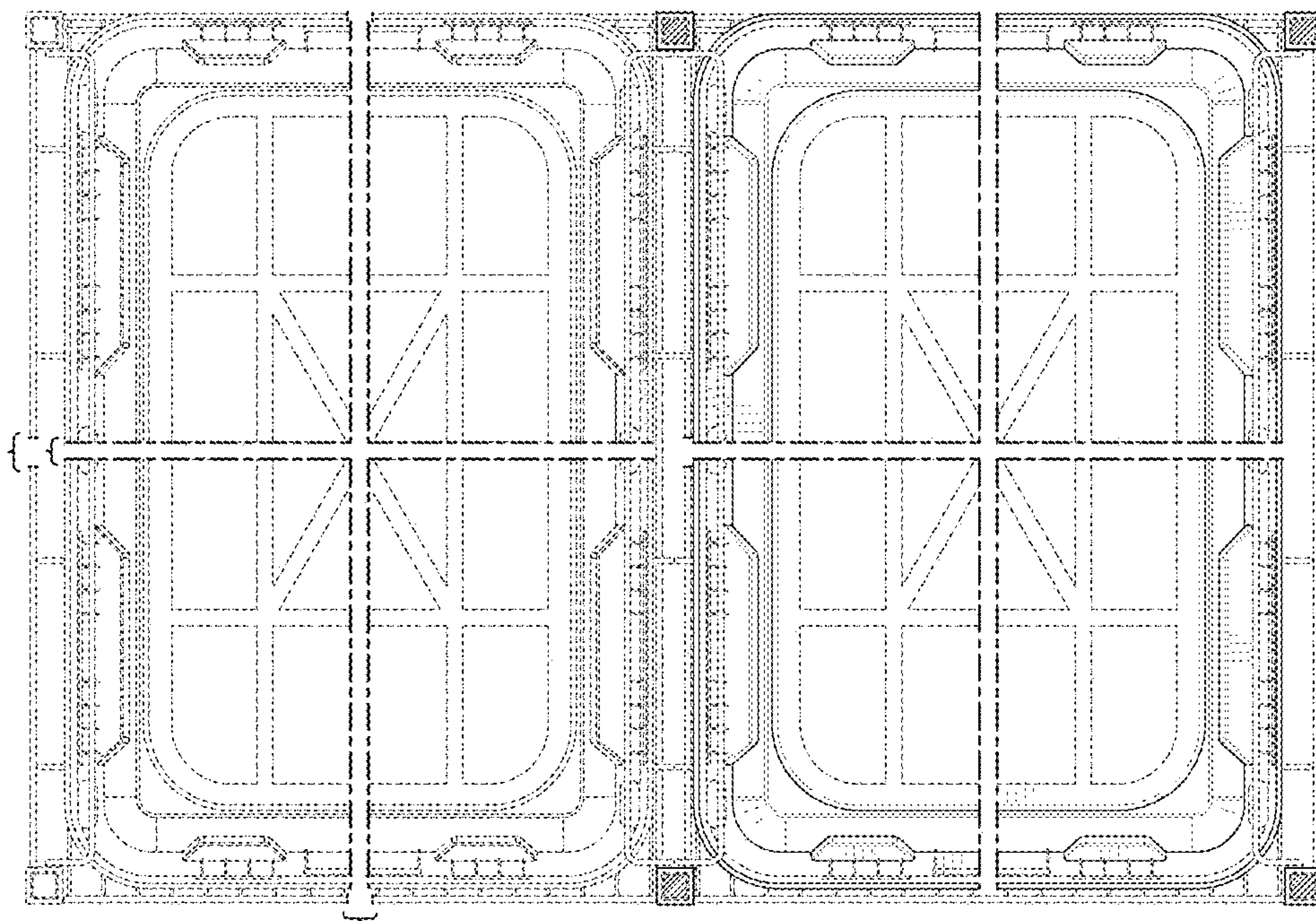


FIG. 14