



US0D1077956S

(12)

United States Design Patent

Cuellar

(10)

Patent No.:

US D1,077,956 S

(45)

Date of Patent:

** Jun. 3, 2025

(54)

VIRTUAL REALITY GOLF SCREEN AND FRAME

(71)

Applicant: Richard Cuellar, San Marcos, CA (US)

(72)

Inventor: Richard Cuellar, San Marcos, CA (US)

(**)

Term: 15 Years

(21)

Appl. No.: 29/974,487

(22)

Filed: Nov. 22, 2024

&dib=eyJ2IjoiMSJ9.eHwGP7M7v2a_3YemSIREgI7lQ4DScpB0fVtFKAZzoNT4_ (Year: 2024).*

(Continued)

Primary Examiner — Michelle E. Wilson

Assistant Examiner — Rochel L Rimelspach-Zare

(74) Attorney, Agent, or Firm — The Buche Law Firm, PC; Bryce A. Johnson; John K. Buche

(57)

CLAIM

The ornamental design for a “virtual reality golf screen and frame,” as shown and described.

Related U.S. Application Data

(62)

Division of application No. 18/956,402, filed on Nov. 22, 2024.

(51)

LOC (15) Cl. 21-02

(52)

U.S. Cl. D21/791

(58)

Field of Classification Search

CPC . A63B 69/36; A63B 69/3621; A63B 69/3667; A63B 69/3623; A63B 69/3676;

(Continued)

(56)

References Cited

U.S. PATENT DOCUMENTS

610,336 A 9/1898 White

1,669,640 A 5/1928 Warlick

(Continued)

FOREIGN PATENT DOCUMENTS

JP 2645543 B2 8/1997

KR 200443206 Y1 1/2009

(Continued)

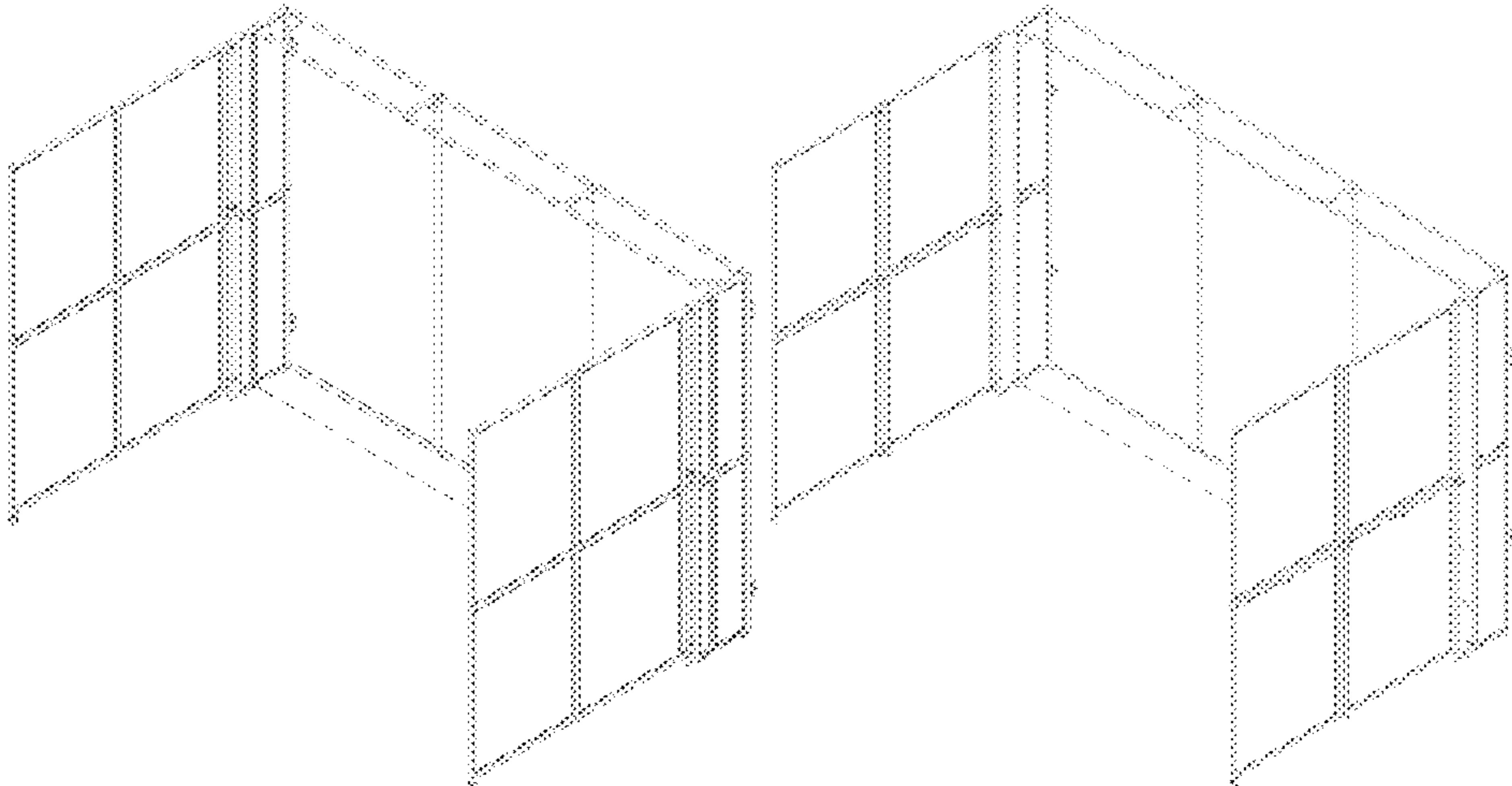
OTHER PUBLICATIONS

“GoSports Golf Simulator Enclosure Nets—Choose” available Jul. 15, 2024, [online], [site visited Feb. 10, 2025]. Retrieved from Internet, URL:https://www.amazon.com/GoSports-Golf-Simulator-Enclosure-Net/dp/B0D9HTNS3P/ref=sr_1_5?crid=YLJJRSL0LZN6

DESCRIPTION

FIG. 1 is a perspective view of the virtual reality golf screen and frame;
FIG. 2 is a top view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a left-side view thereof;
FIG. 5 is a perspective view thereof;
FIG. 6 is a perspective view of a first panel of the frame;
FIG. 7 is a perspective view of a second panel of the frame;
FIG. 8 is a perspective view of a third panel of the frame;
FIG. 9 is a front view of the third panel;
FIG. 10 is a top view of the third panel; and,
FIG. 11 is a side view of the third panel.
FIG. 12 is a perspective view of another embodiment of the virtual reality golf screen and frame of FIG. 1, with the similarities and differences being apparent by looking at the corresponding drawings side by side;
FIG. 13 is a top view thereof;
FIG. 14 is a front view thereof;
FIG. 15 is a left-side view thereof;
FIG. 16 is a perspective view thereof;
FIG. 17 is a perspective view of a first panel of the frame;
FIG. 18 is a perspective view of a second panel of the frame;
FIG. 19 is a perspective view of a third panel of the frame;
FIG. 20 is a front view of the third panel;
FIG. 21 is a top view of the third panel; and,
FIG. 22 is a side view of the third panel.

(Continued)



Reference plans for the depicted virtual reality golf screens and frames depicted in the figures are submitted concurrently herewith are incorporated by reference in their entirety.

1 Claim, 16 Drawing Sheets

(58) **Field of Classification Search**
CPC A63B 69/3685; A63B 2102/32; A63B 2214/00; A63B 60/10; A63B 53/0441; A63B 69/3661; A63B 57/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,331,237 A 10/1943 Schaefer
2,823,034 A 2/1958 Bingham, Jr.
2,894,749 A 7/1959 Rook
3,820,133 A * 6/1974 Adorney A63B 69/36 352/121

4,177,994 A 12/1979 Lindquist
4,556,219 A 12/1985 Tillery
5,056,791 A 10/1991 Poillon et al.
5,116,056 A * 5/1992 Schmutte A63B 71/022 473/421

5,123,651 A 6/1992 Vinciguerra
5,221,082 A 6/1993 Curchod
5,354,063 A 10/1994 Curchod
5,409,230 A 4/1995 Dunaway et al.
6,595,863 B2 7/2003 Chamberlain et al.
8,926,443 B2 * 1/2015 Woo A63B 24/0003 463/7

9,289,673 B1 3/2016 Allen
D766,385 S * 9/2016 Crawley D21/705
9,764,213 B2 9/2017 Nicora
9,821,241 B2 11/2017 Haner
10,080,948 B2 * 9/2018 Manieri A63B 69/36
10,265,601 B1 4/2019 Baker
D879,862 S 3/2020 Wallgreen et al.
10,576,344 B1 3/2020 Glenn
10,753,079 B2 8/2020 Rulquin et al.
10,816,889 B1 10/2020 Sechrist
10,857,444 B1 12/2020 Holden
10,898,783 B1 1/2021 Snowden

11,352,079 B1 6/2022 Cash et al.
11,560,733 B2 1/2023 Volin
D1,011,455 S 1/2024 Crawley
2005/0101419 A1 5/2005 Pohrer
2008/0171618 A1 7/2008 Lay
2012/0322567 A1 12/2012 Manieri
2014/0179385 A1 6/2014 Homs
2017/0173465 A1 * 6/2017 Weitzner A63B 24/0021
2017/0340945 A1 11/2017 Manieri et al.
2018/0001177 A1 * 1/2018 Nicora A63B 71/0622
2021/0038964 A1 2/2021 Beard
2021/0299532 A1 9/2021 Chee
2022/0105413 A1 * 4/2022 Shi E04H 15/405
2022/0270447 A1 8/2022 Choung et al.
2022/0409976 A1 * 12/2022 Gao E04H 15/02
2023/0076144 A1 * 3/2023 Gao A63B 71/022
2024/0100407 A1 3/2024 Ok

FOREIGN PATENT DOCUMENTS

KR 101385324 B1 4/2014
KR 300859751.0000 * 6/2016

OTHER PUBLICATIONS

“EasySimPro Golf Simulator Screen Enclosure—Portable Projector Screen—Simulator Impact” available Feb. 7, 2019, [online], [site visited Feb. 10, 2025]. Retrieved from Internet, URL: <https://www.amazon.ca/-/fr/EasySimPro-%C3%89cran-simulateur-golf-projection/dp/B07ND215B1> (Year: 2019).*

“SkyTrak+ Golf Simulator Studio Pro Package” available Jul. 13, 2023, [online], [site visited Feb. 11, 2025]. Retrieved from Internet, URL: https://www.amazon.com/SkyTrak-Golf-Simulator-Studio-Package/dp/B0CB75QJDV/ref=sr_1_5?crid=2LY6L5NL1V2VD&dib=eyJ2IjoiMSJ9.aX57sHRRIU3pIDCG7Q9iL38S0Bp8hI3xV82rR0g4GjrchhnrH (Year: 2023).*

“Golf Simulator Cage” available Jul. 1, 2024, [online], [site visited Feb. 11, 2025]. Retrieved from Internet, URL: https://www.amazon.com/Golf-Simulator-Impact-Netting-Poles/dp/B0D8JZDNGG/ref=sr_1_6?crid=2LY6L5NL1V2VD&dib=eyJ2IjoiMSJ9.aX57sHRRIU3pIDCG7Q9iL38S0Bp8hI3xV82rR0g4GjrchhnrH2_03fX9q7CWZG6lhvsBJpBjqVX (Year: 2024).*

Murphy Golf Simulators, “Make space for golf”, [online], URL: <https://www.murphygoldsimulators.com/>, retrieved on Nov. 4, 2024.

* cited by examiner

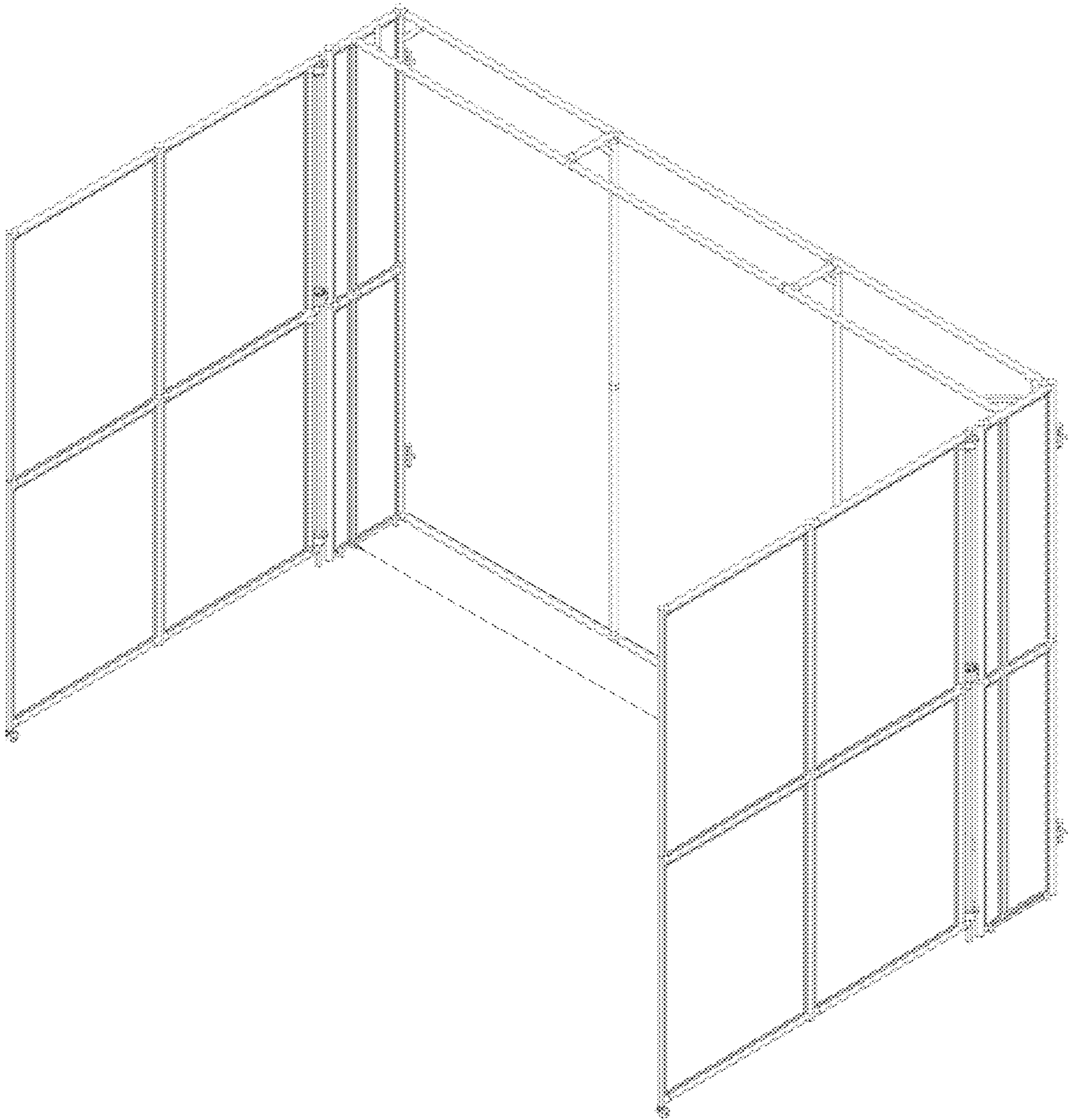
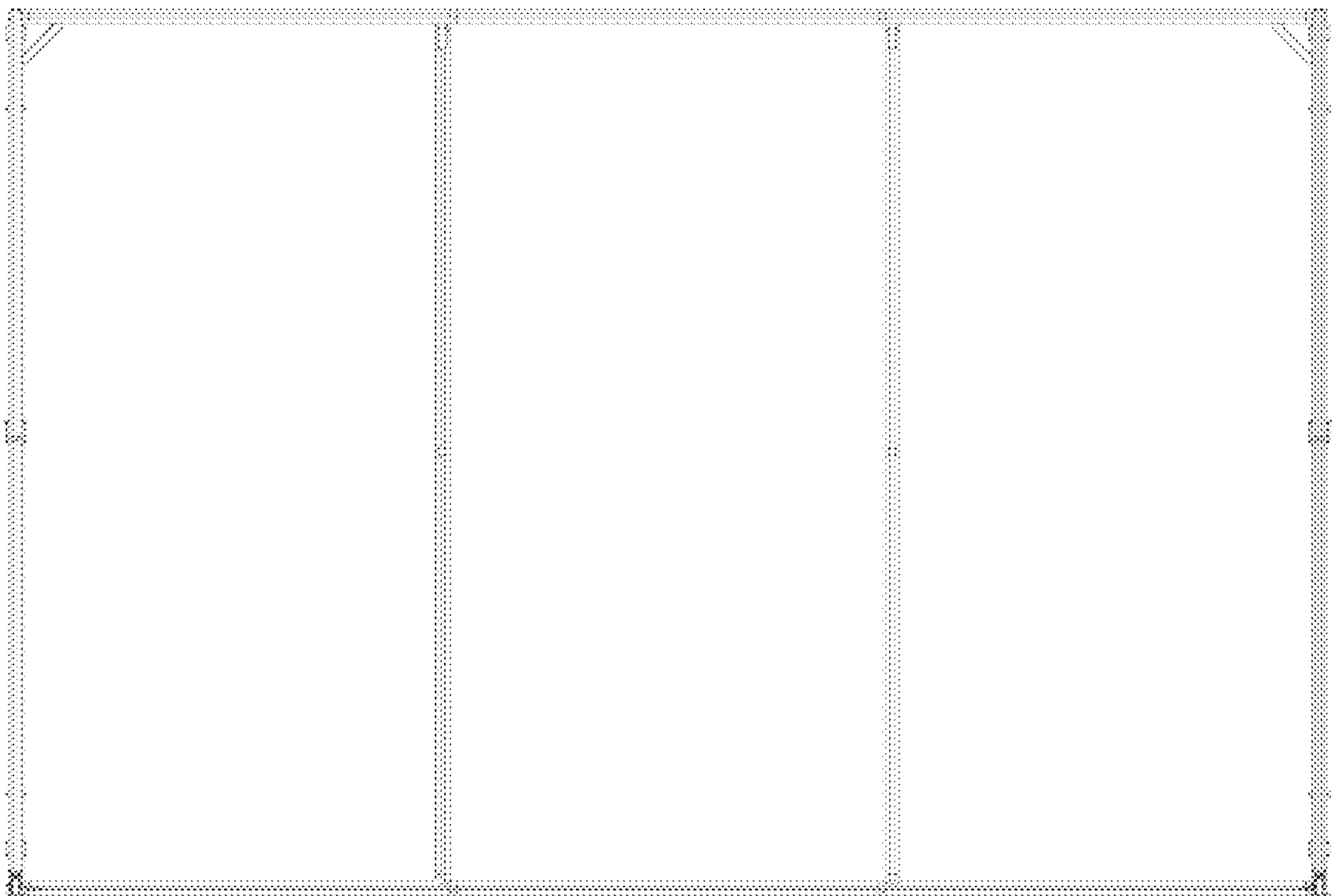
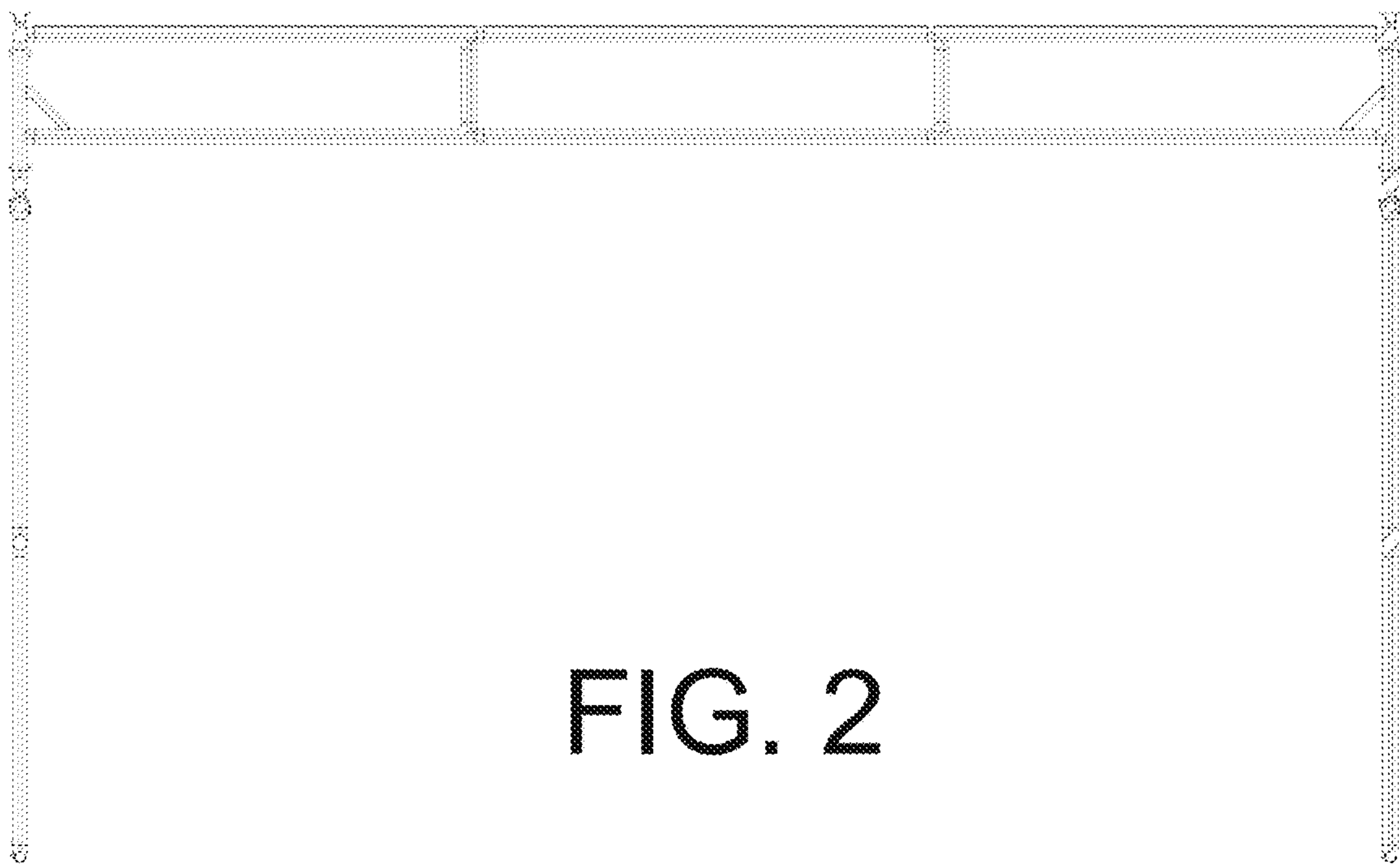


FIG. 1



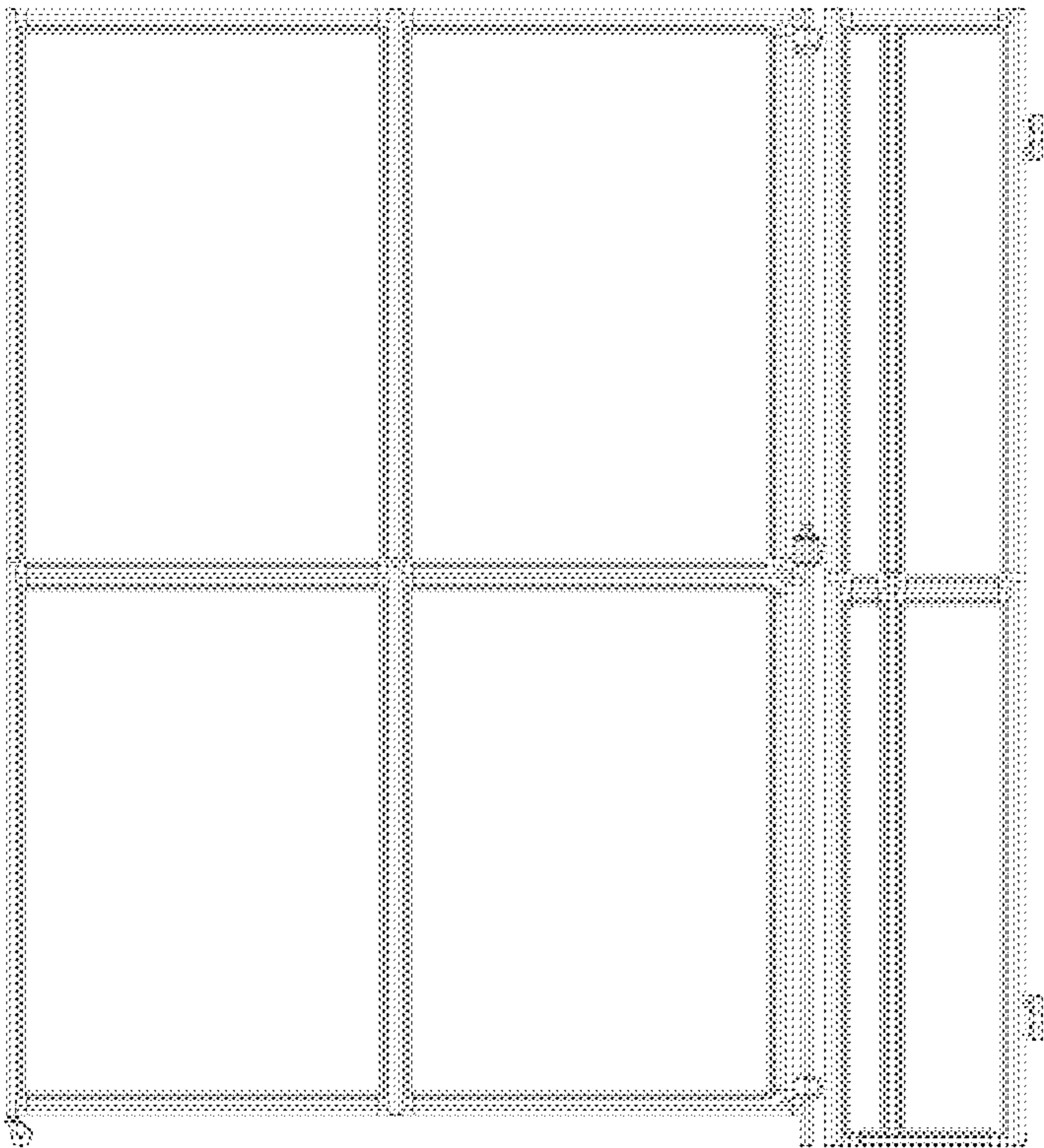


FIG. 4

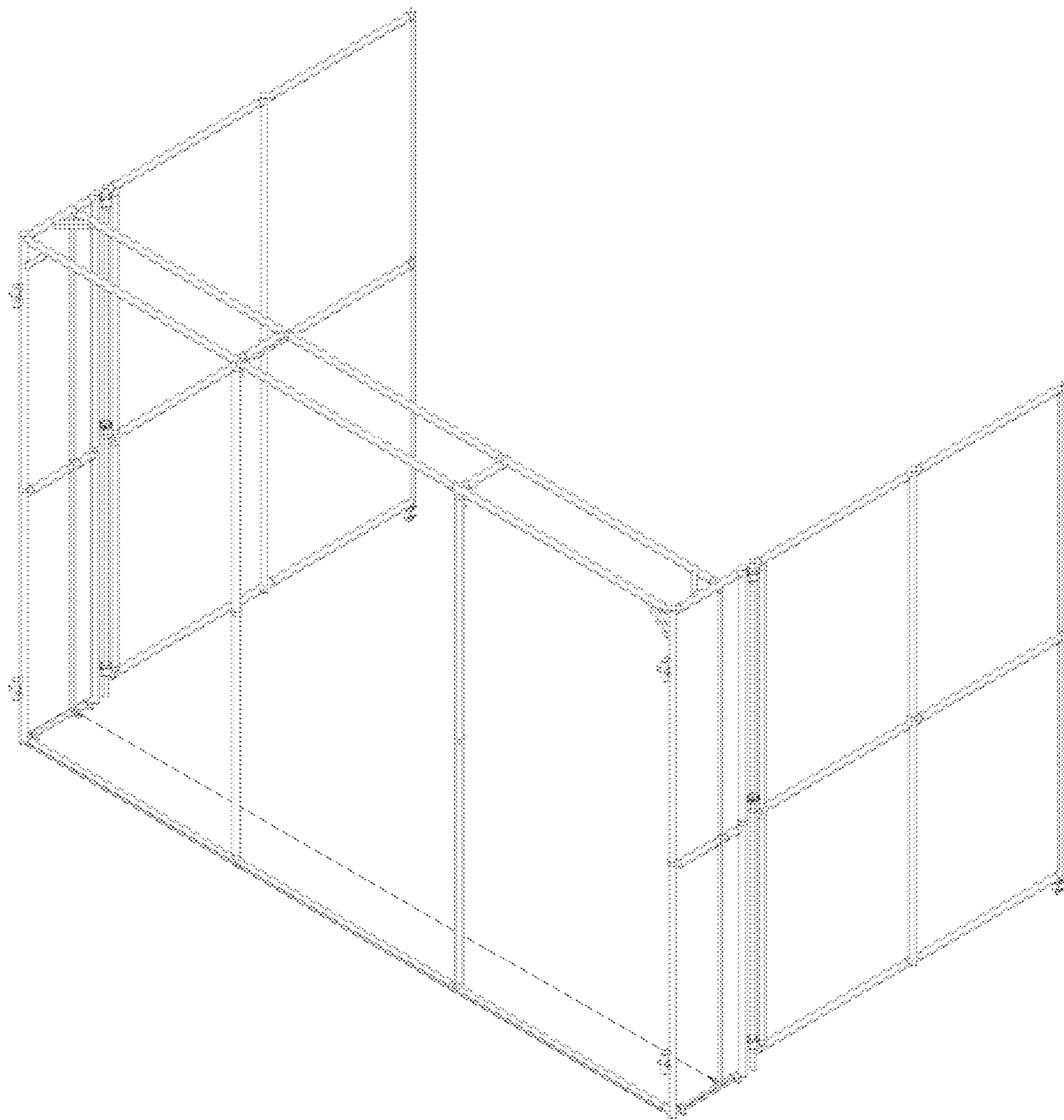


FIG. 5

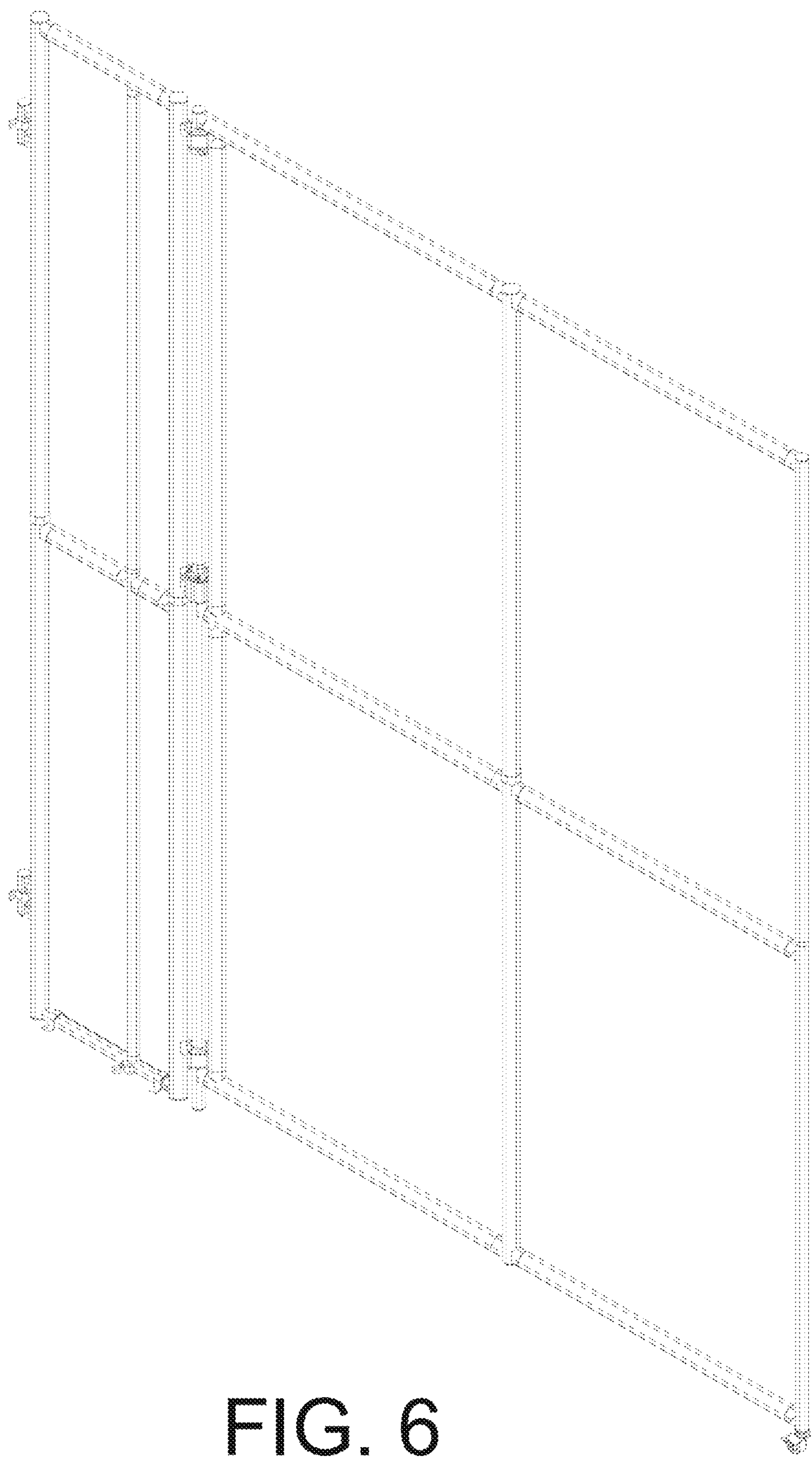


FIG. 6

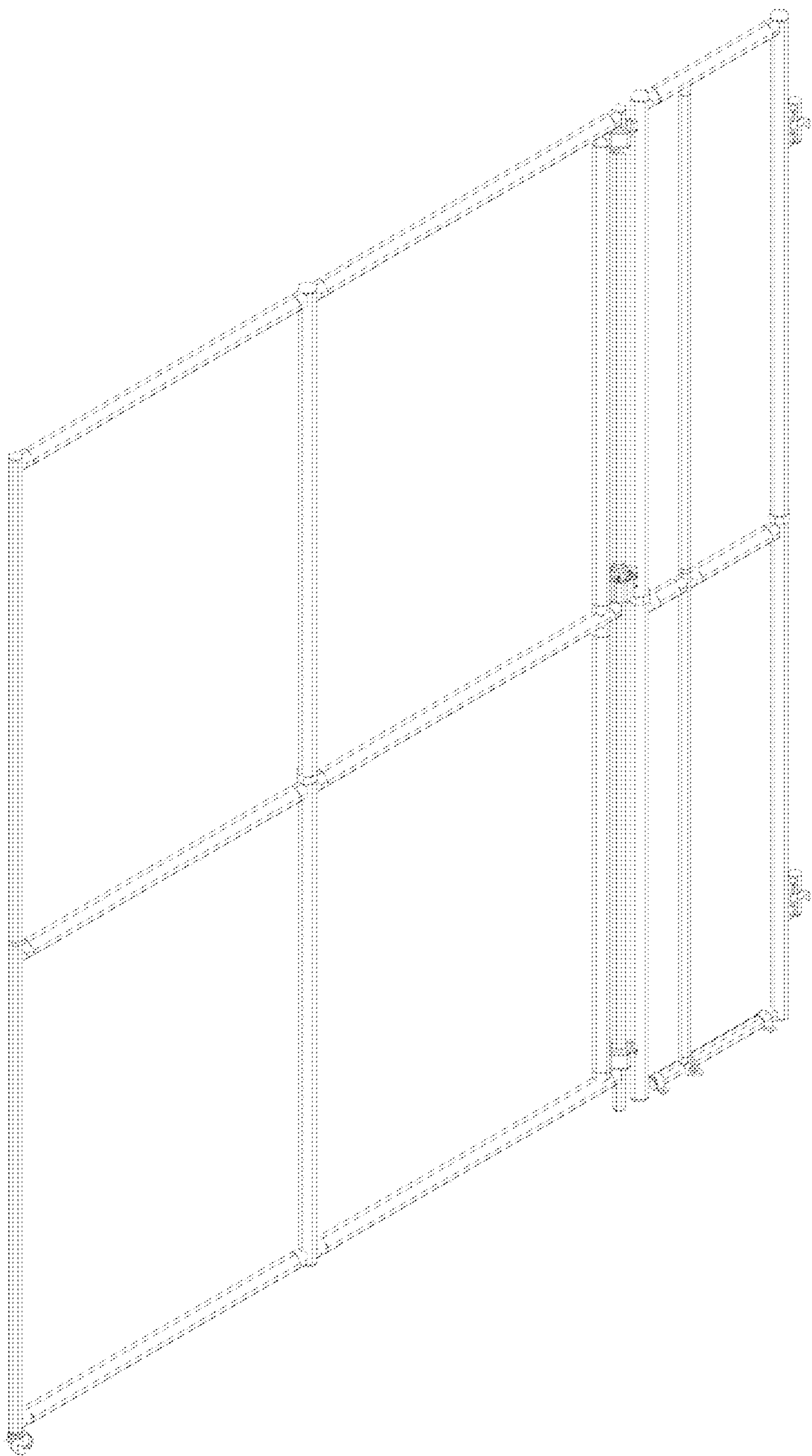


FIG. 7

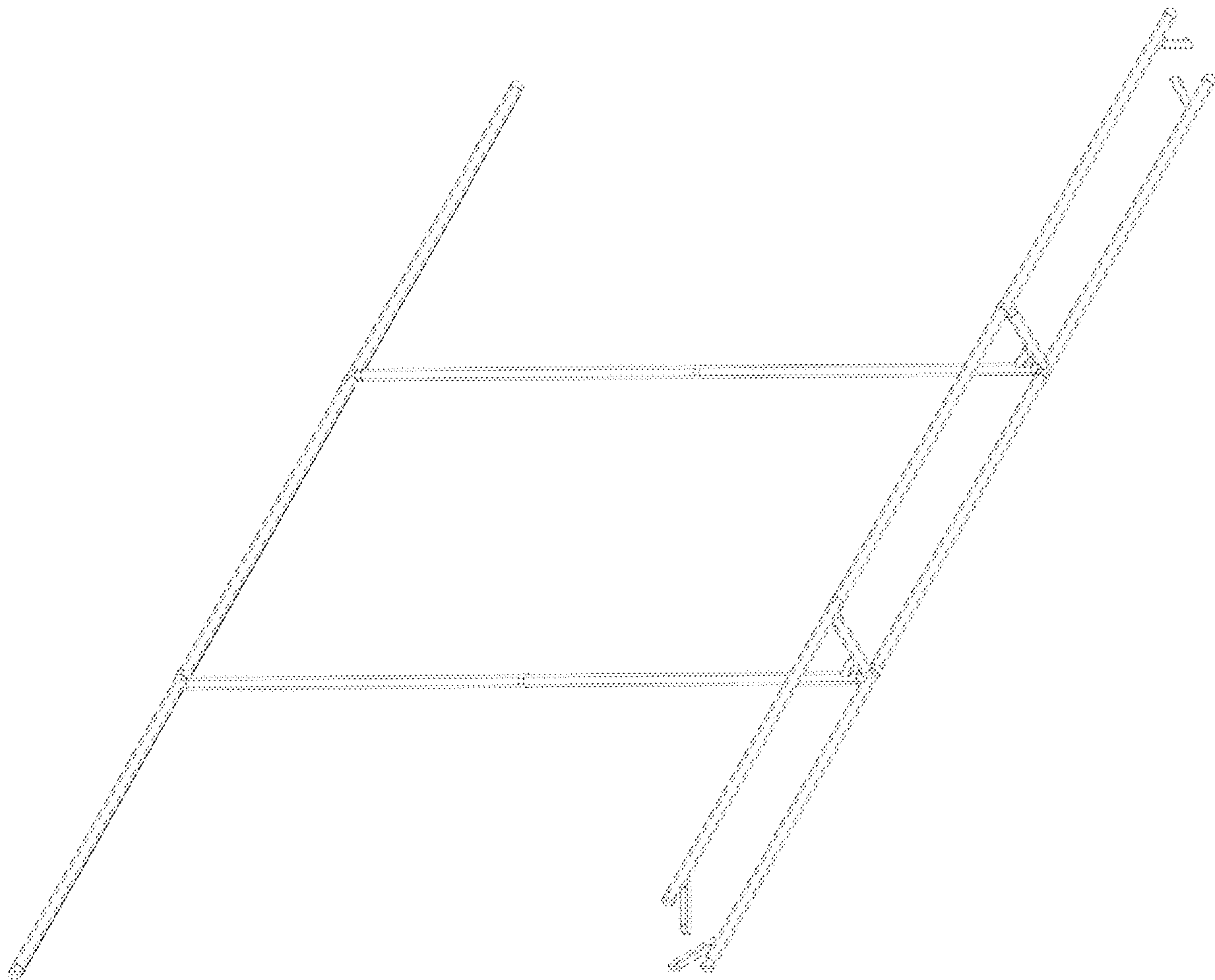


FIG. 8

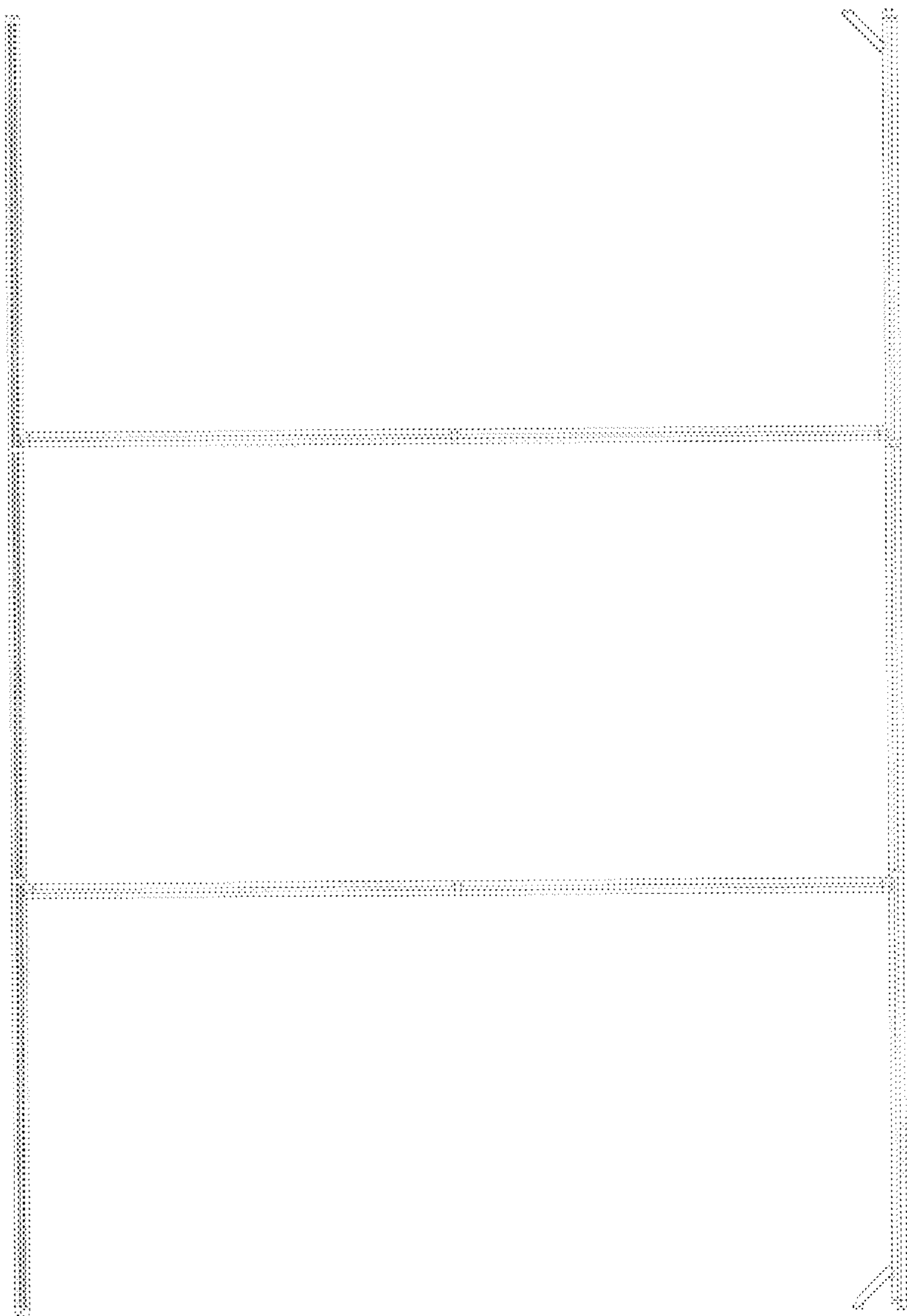


FIG. 9



FIG. 10



FIG. 11

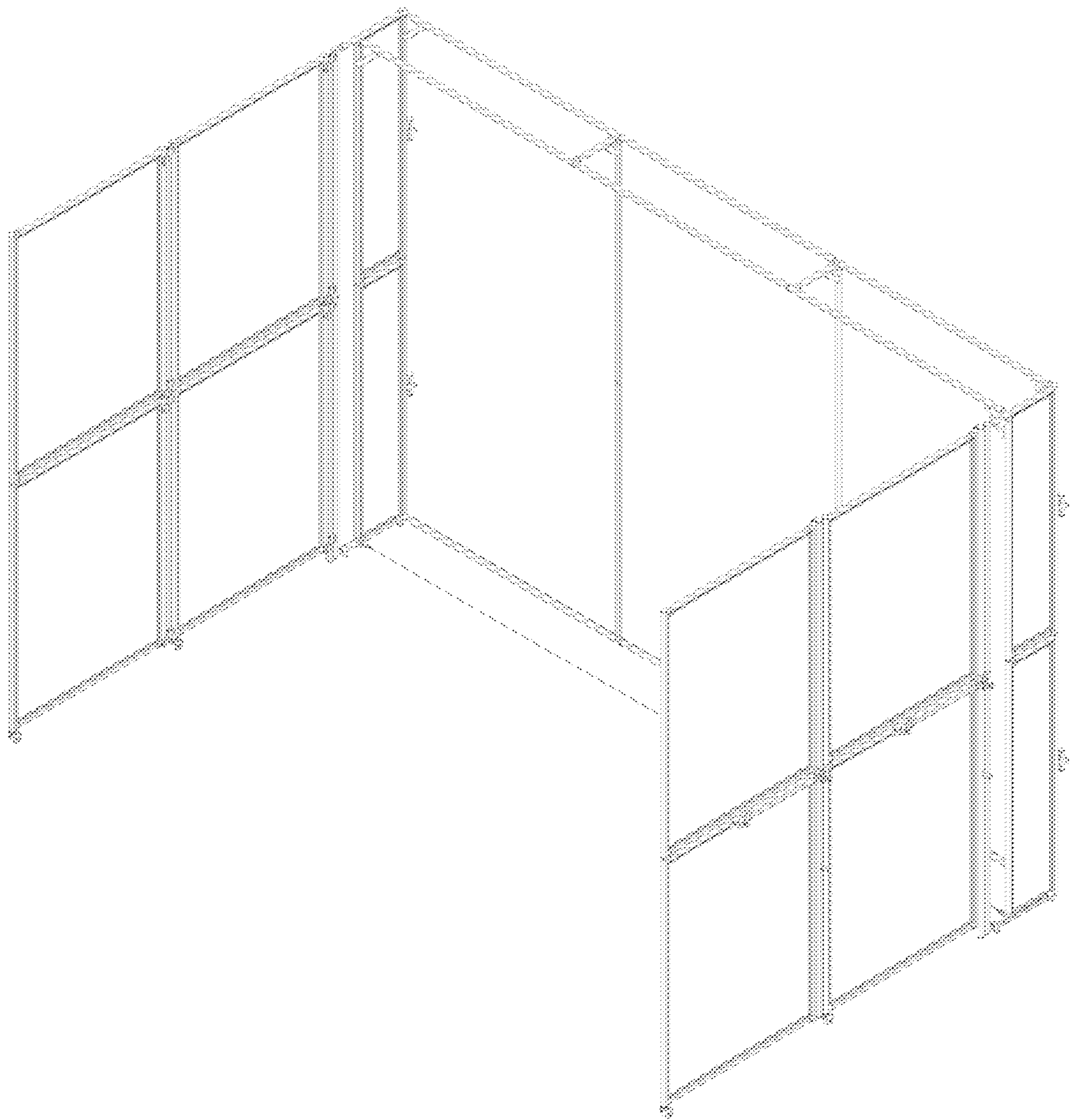
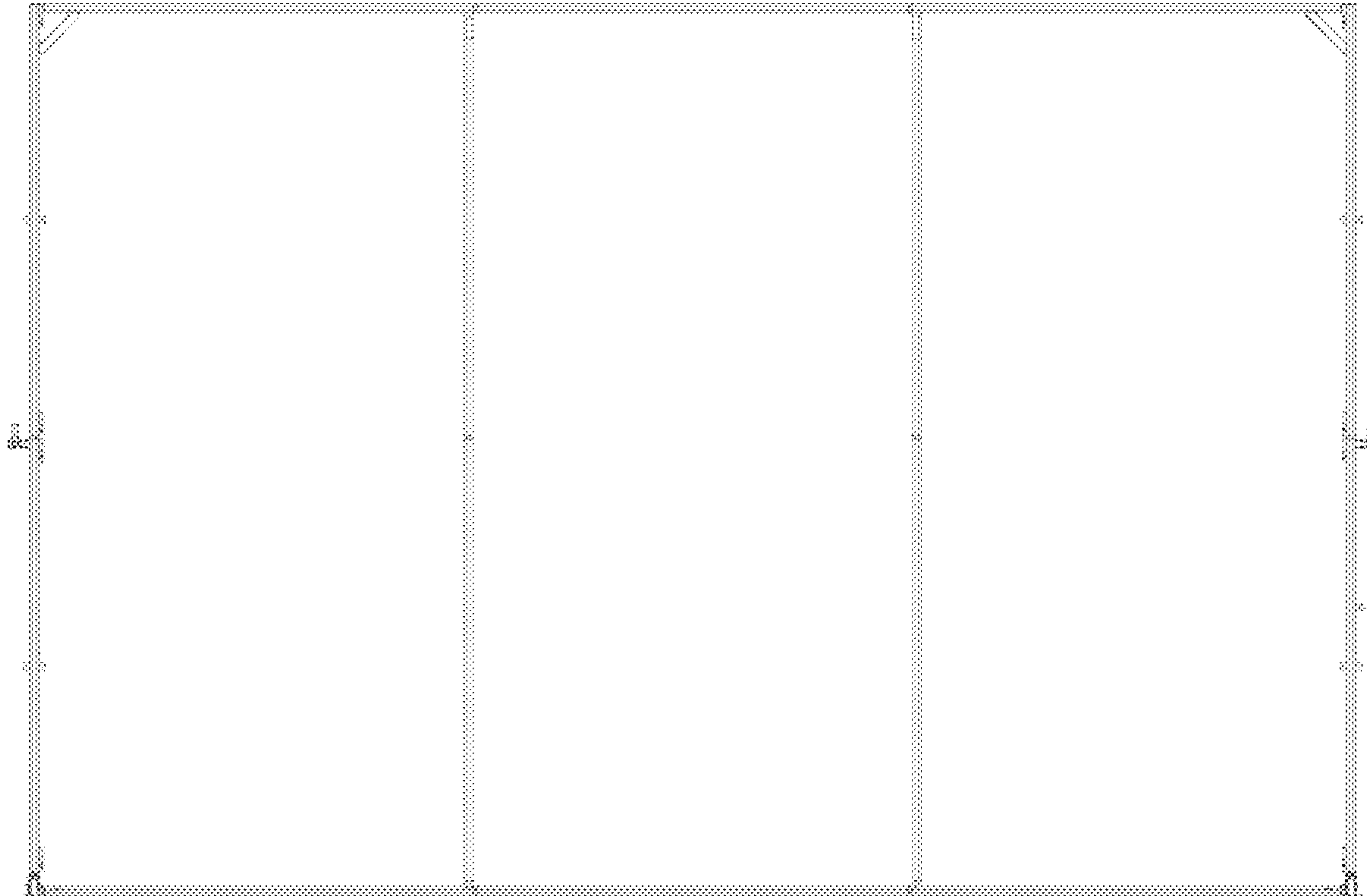
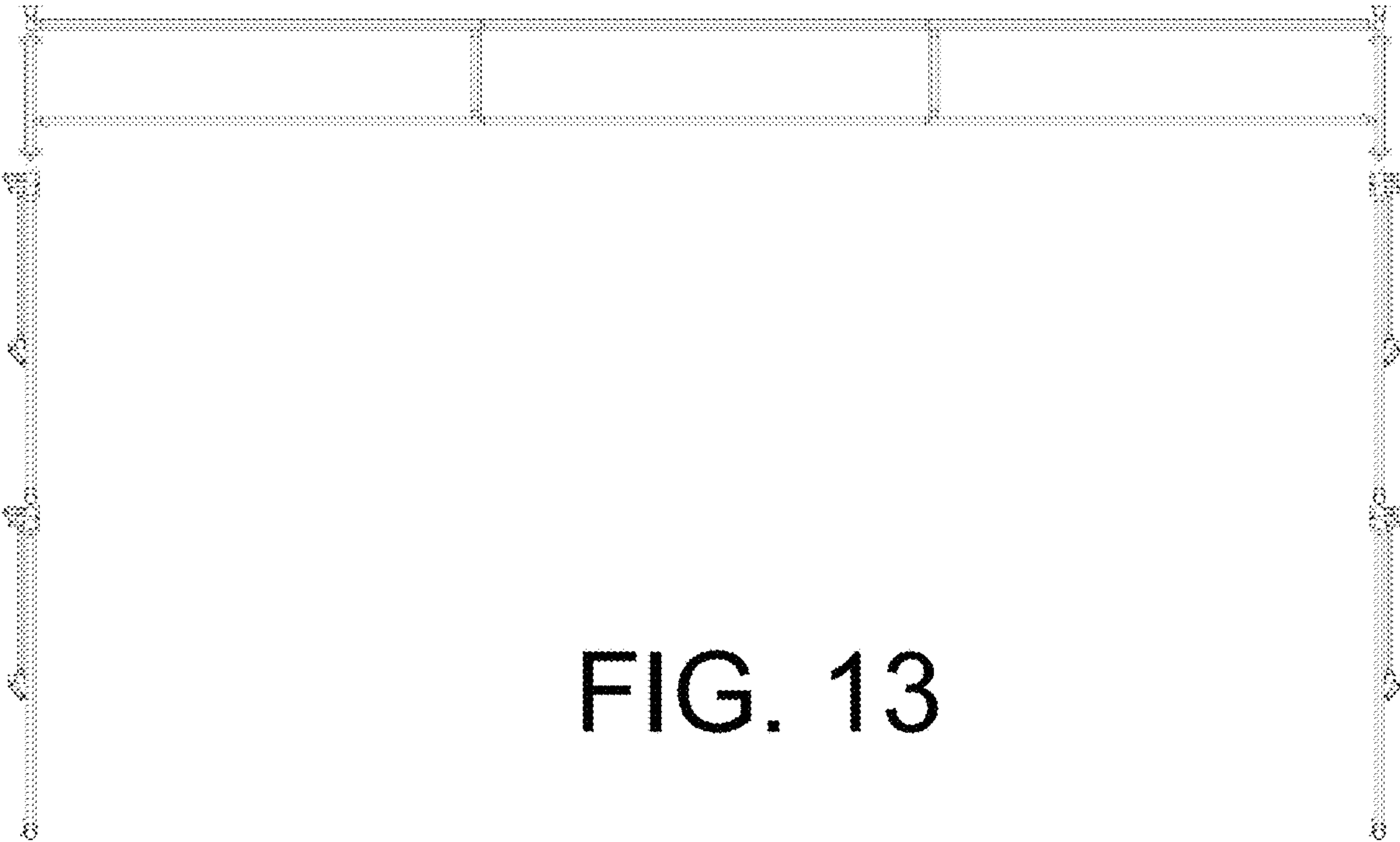


FIG. 12



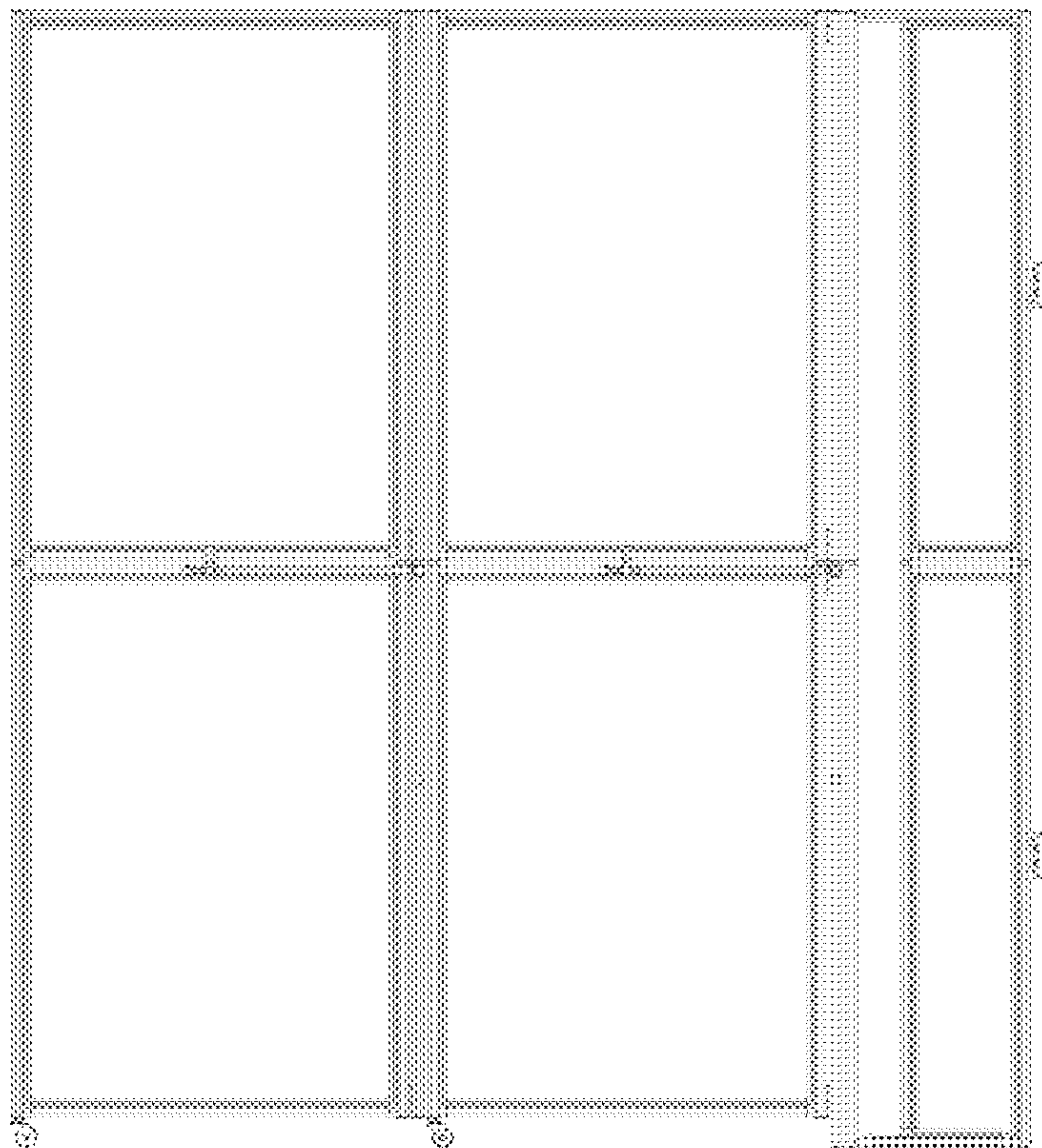


FIG. 15

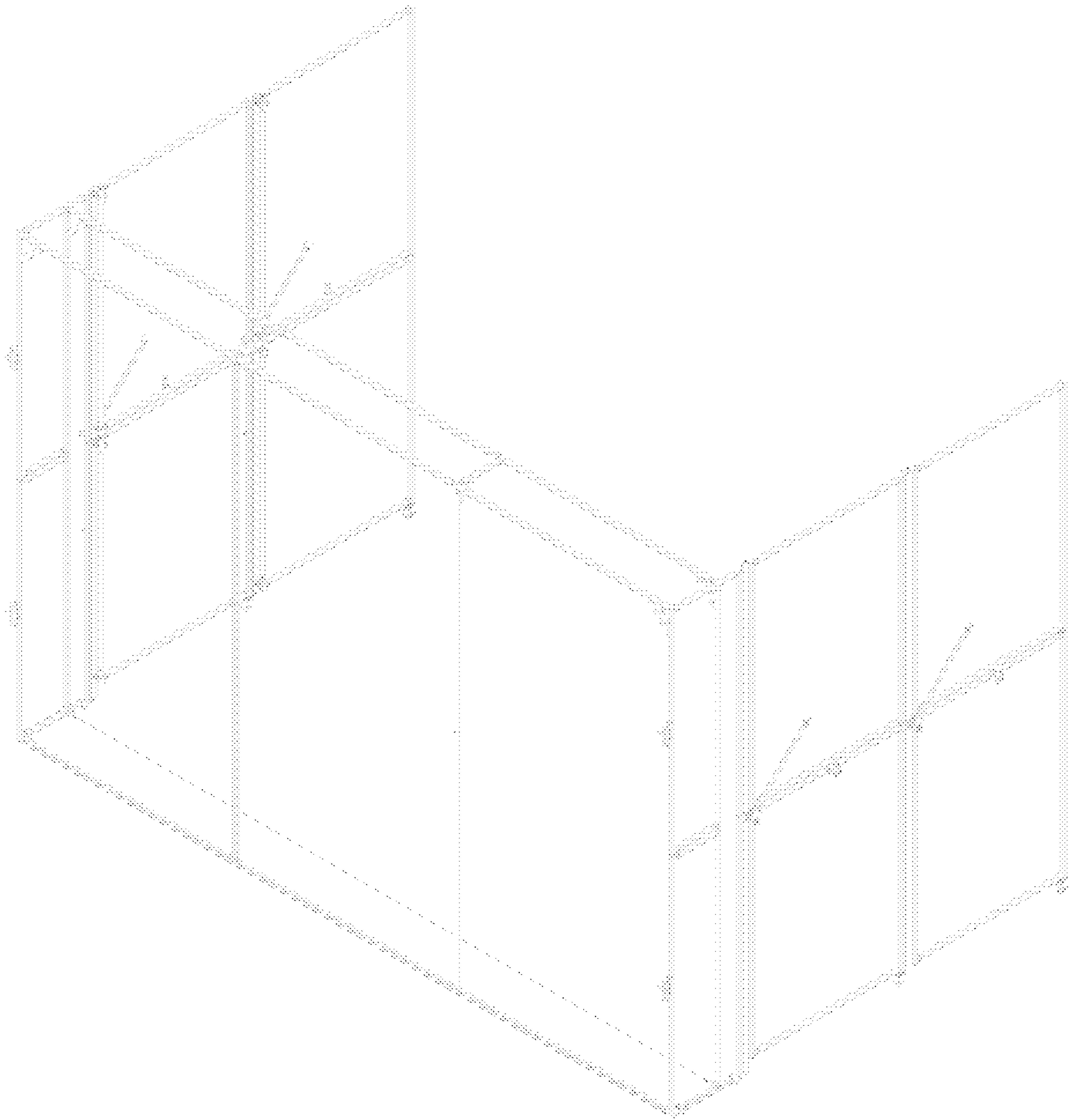


FIG. 16

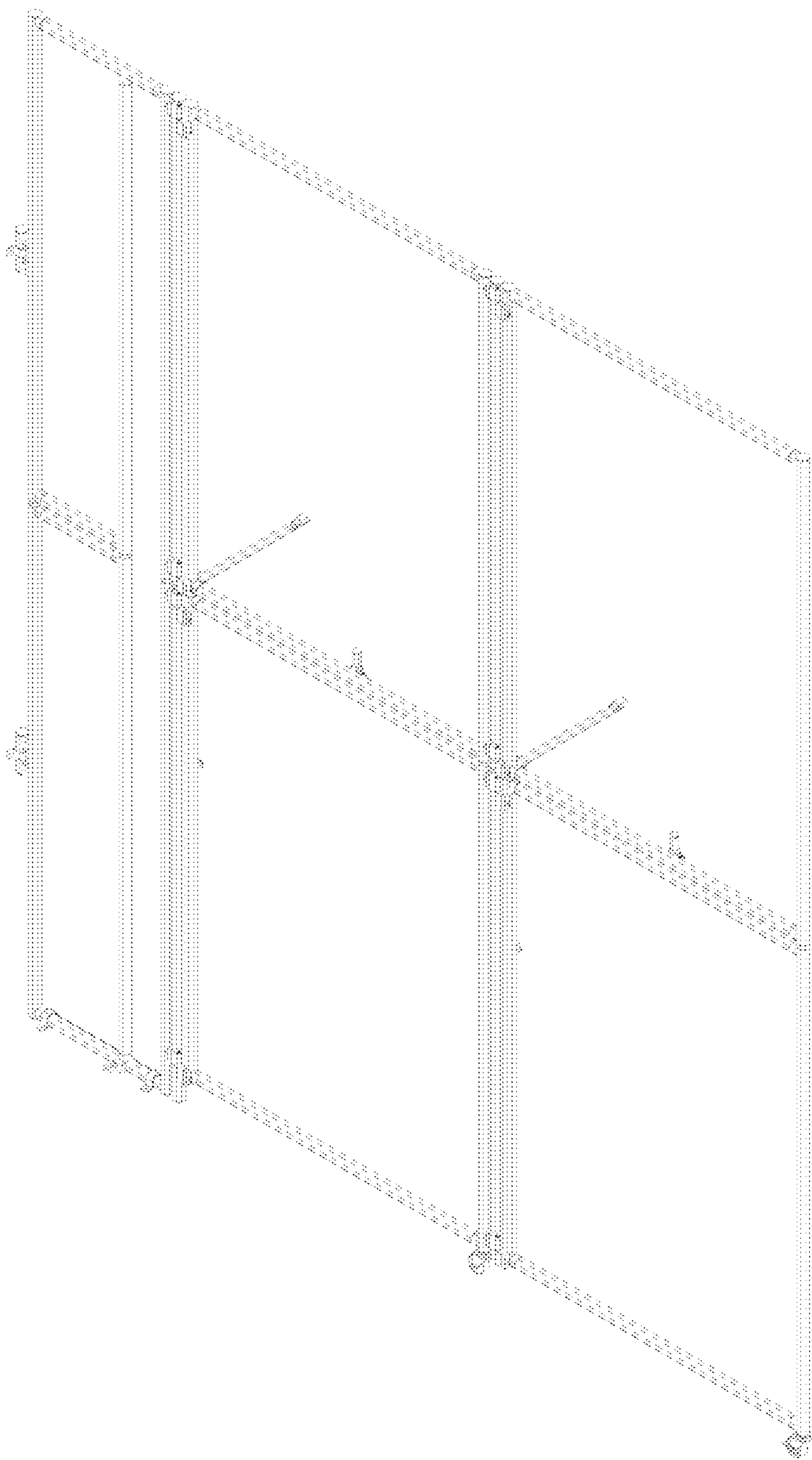


FIG. 17

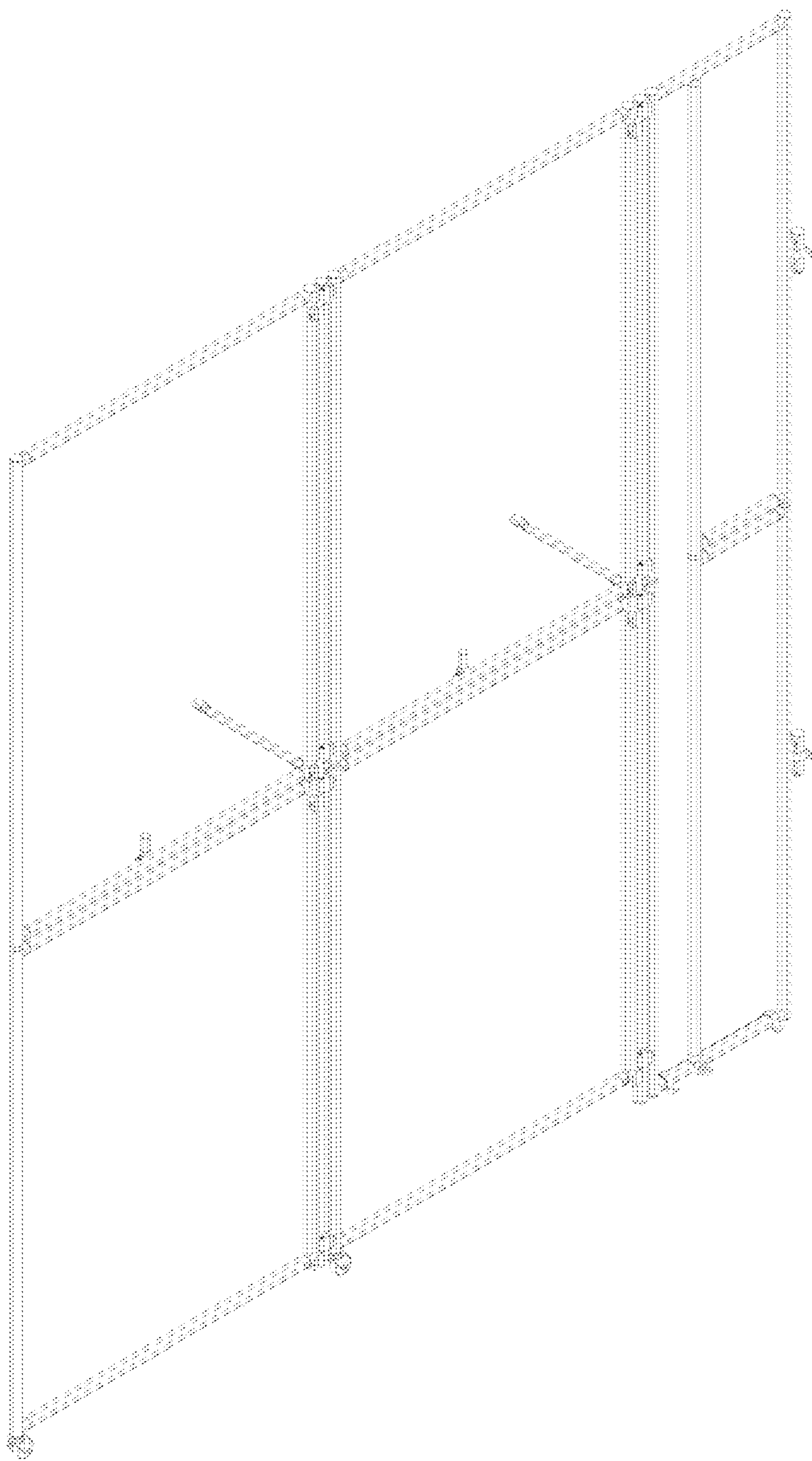


FIG. 18

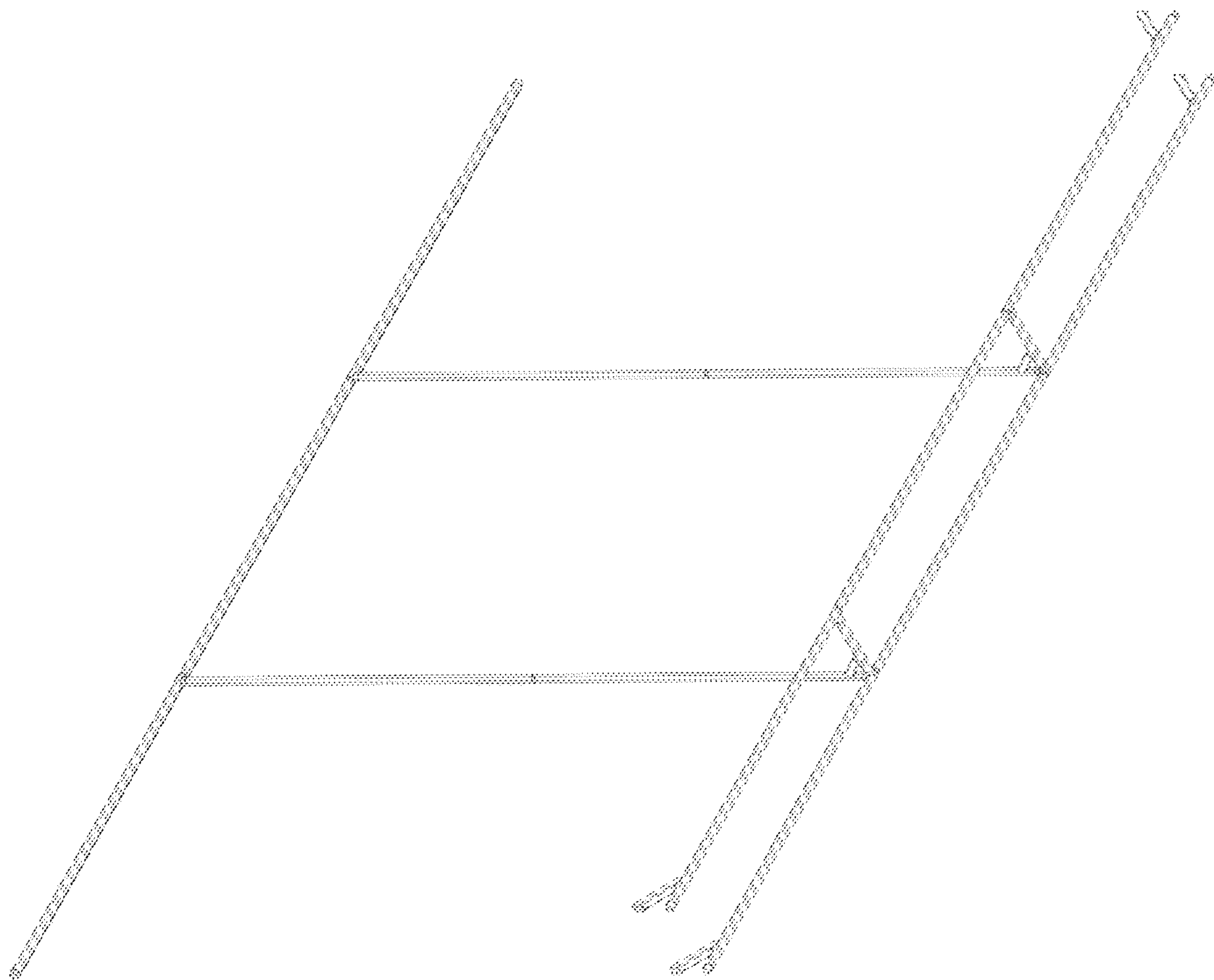


FIG. 19

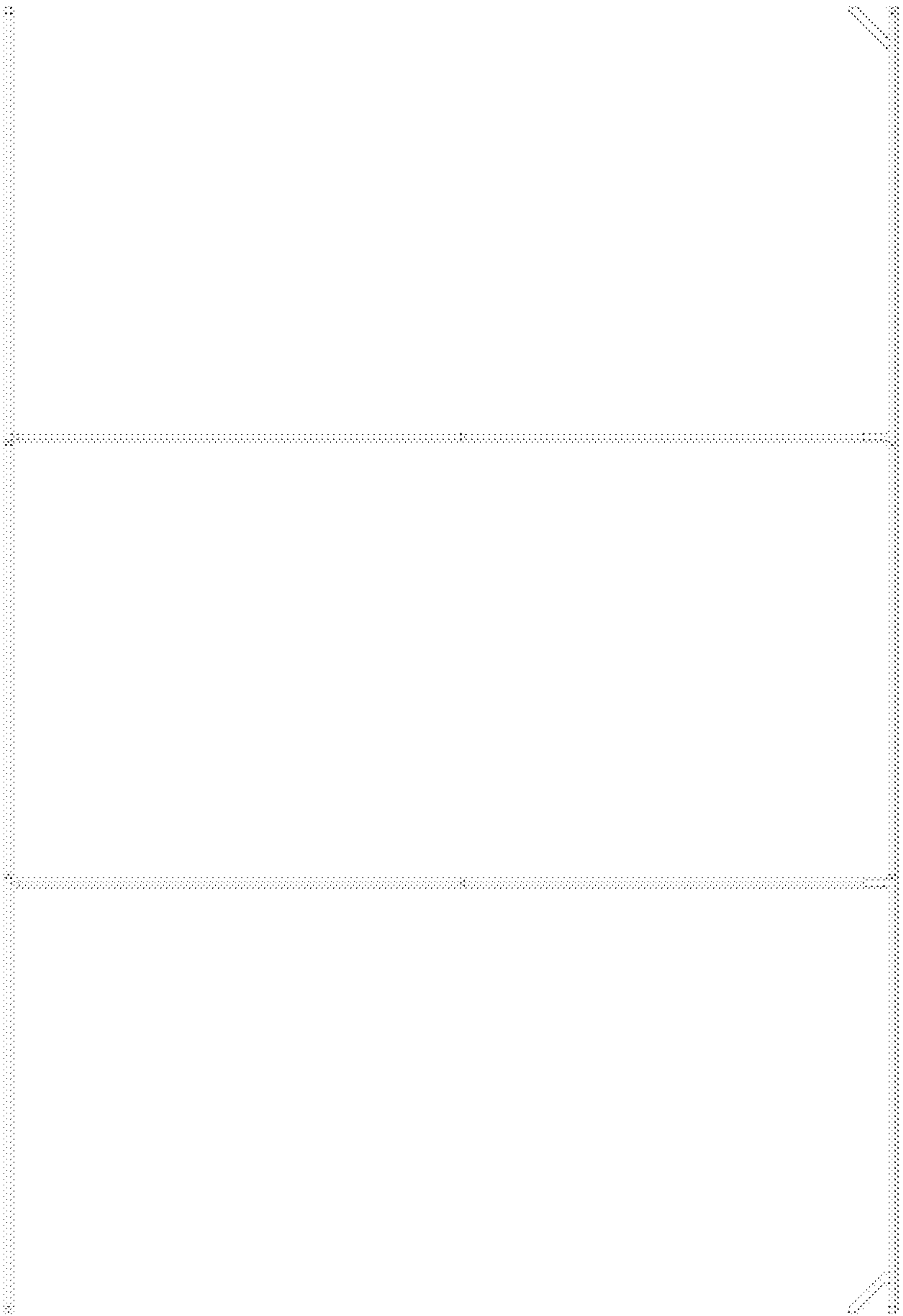


FIG. 20

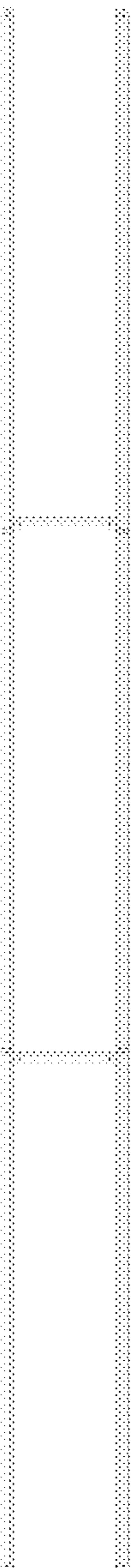


FIG. 21



FIG. 22