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(12) **United States Design Patent** (10) **Patent No.:** **US D941,376 S**
Mahugh et al. (45) **Date of Patent:** **** *Jan. 18, 2022**

- (54) **ARC PRODUCING MACHINE**
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- (*) Notice: This patent is subject to a terminal disclaimer.
- (**) Term: **15 Years**
- (21) Appl. No.: **29/708,135**
- (22) Filed: **Oct. 3, 2019**
- (51) **LOC (13) Cl.** **15-09**
- (52) **U.S. Cl.**
USPC **D15/144**
- (58) **Field of Classification Search**
USPC D13/107, 110, 123, 133; D8/29.1, 30;
D15/7-9, 144, 144.1, 144.2
CPC B23K 9/00; B23K 10/00; B23K 10/02;
B23K 28/02; B23K 9/10; B23K 9/06;
B23K 9/32; B23K 37/0294
See application file for complete search history.

- D569,884 S * 5/2008 Shu D15/144
- D626,576 S * 11/2010 Gramatyka D15/144
- D654,519 S * 2/2012 Wujczak D15/144
- D665,833 S * 8/2012 Raymond D15/144
- (Continued)

OTHER PUBLICATIONS

Forney Industries, 220 ST PRO Welder, (site visited Jun. 9, 2021), ForneyInd.com website, URL: <<https://www.forneyind.com/products/forney-220-st-pro-welder>> (Year: 2021).*

(Continued)

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(57) **CLAIM**

We claim the ornamental design for the arc producing machine, as shown and described.

DESCRIPTION

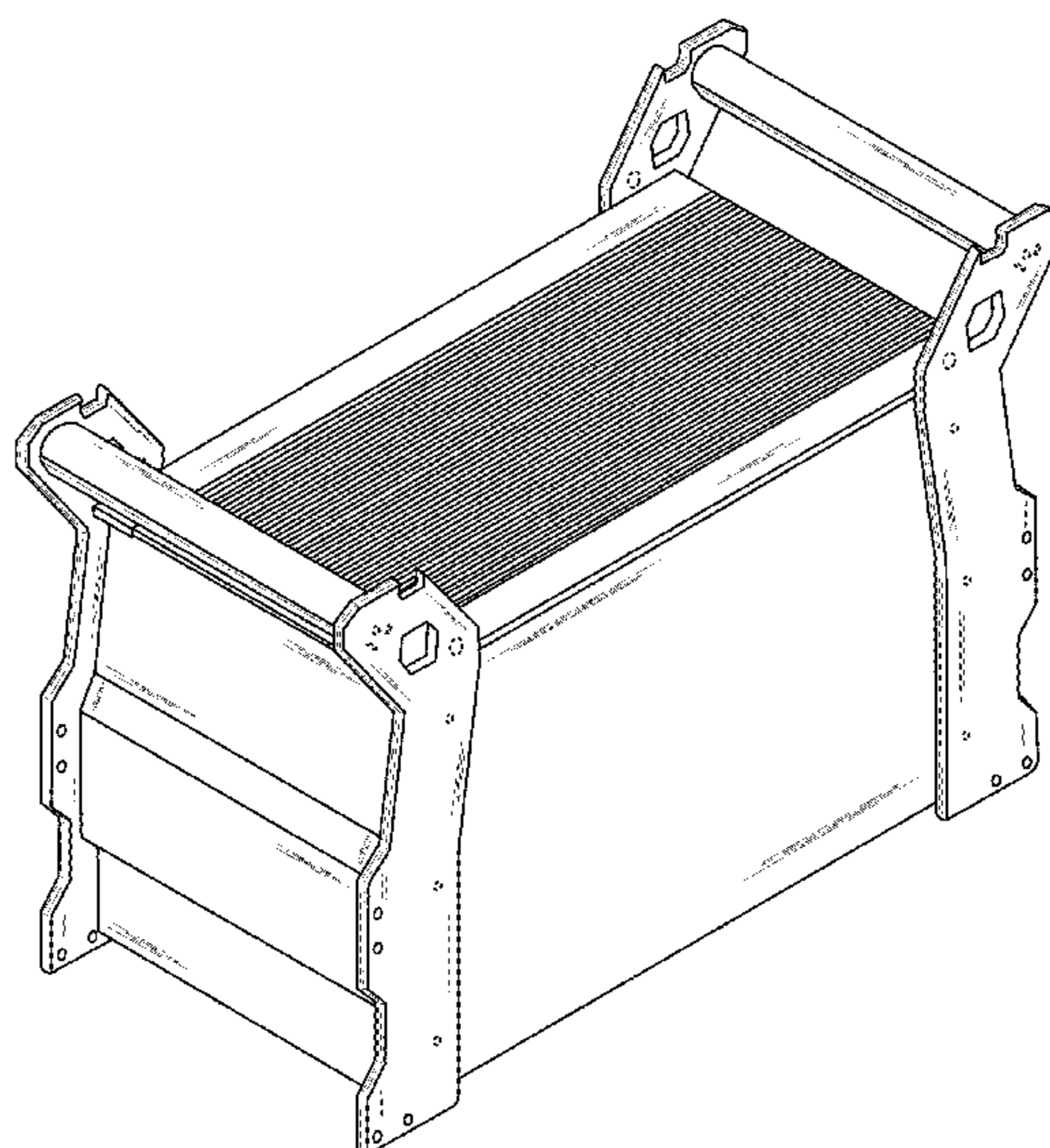
FIG. 1 is a front-left side perspective view of an arc producing machine, examples of which are a welder or plasma cutter, showing our new design.
FIG. 2 is a front elevation view of the arc producing machine.
FIG. 3 is a back elevation view of the arc producing machine.
FIG. 4 is a top plan view of the of the arc producing machine.
FIG. 5 is a bottom plan view of the of the arc producing machine.
FIG. 6 is a left side elevation view of the arc producing machine; and,
FIG. 7 is a right side elevation view of the arc producing machine.
The broken lines in the figures represent portions of the arc producing machine that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D357,927 S * 5/1995 Soderholm D15/144.1
- D386,148 S * 11/1997 Katooka D13/110
- D416,030 S * 11/1999 Weller D15/144.1
- 6,124,567 A * 9/2000 Feldhausen B23K 9/1006
219/130.1
- D518,078 S * 3/2006 Persson D15/144.1
- D520,038 S * 5/2006 Ljungfeldt D15/144.1
- D569,883 S * 5/2008 Wang D15/144



(56)

References Cited

U.S. PATENT DOCUMENTS

D679,738 S * 4/2013 Segala D15/144
 D699,771 S * 2/2014 Barrett D15/144
 8,766,141 B2 7/2014 Stanzel et al.
 D727,986 S * 4/2015 Matiash D15/144
 D752,665 S * 3/2016 Kindig D15/144
 D754,626 S * 4/2016 Evans D15/144
 9,393,637 B2 * 7/2016 Farah B23K 9/1006
 D775,250 S * 12/2016 Snead D15/144
 D779,454 S * 2/2017 Crescenze D14/144
 D810,161 S * 2/2018 Snead D15/144
 D811,456 S * 2/2018 Dekker D15/144
 D813,161 S * 3/2018 Ortakales D13/110
 D820,332 S * 6/2018 Brusky D15/144
 D829,788 S * 10/2018 Lin D15/144
 D836,146 S * 12/2018 Lin D15/144
 D839,328 S * 1/2019 Lin D15/144
 D844,035 S * 3/2019 Hruska D15/144
 D854,593 S * 7/2019 Shu D15/144
 D855,092 S * 7/2019 Shu D15/144
 D860,276 S * 9/2019 Lin D15/144
 D862,544 S * 10/2019 Lin D15/144
 D862,545 S * 10/2019 Lin D15/144
 D868,126 S * 11/2019 Shu D15/144
 10,478,912 B2 * 11/2019 Evans B23K 9/32
 D873,875 S * 1/2020 Hruska D15/144

D884,042 S * 5/2020 Shu D15/144
 D884,758 S * 5/2020 Shu D15/144
 D899,357 S * 10/2020 Liu D13/107
 D907,080 S * 1/2021 Shu D15/144
 D911,935 S * 3/2021 Alexander D13/107
 D914,071 S * 3/2021 Dekker D15/144
 11,006,552 B2 * 5/2021 Jochman H05K 7/20145
 2009/0159571 A1 * 6/2009 Salsich B23K 10/00
 219/121.36
 2009/0277881 A1 * 11/2009 Bornemann H05H 1/34
 219/121.39

OTHER PUBLICATIONS

FormeyInd, "The Next Generation", (uploaded Dec. 11, 2019),
 Instagram.com, URL:<<https://www.instagram.com/p/B58QsnEHggg/>>
 (Year: 2019).
 Forney Industries, "Forney 220 AC/DC TIG Kit" from website
www.forneyind.com/products, 2 pages, printed Aug. 21, 2019.
 Forney Industries, "MIG Machines" from website www.forneyind.com/products, 5 pages, printed Aug. 21, 2019.
 Forney Industries, "Plasma Machines" from website www.forneyind.com/products, 2 pages, printed Aug. 21, 2019.
 Forney Industries, "Stick Machines" from website www.forneyind.com/products, 2 pages, printed Aug. 21, 2019.

* cited by examiner

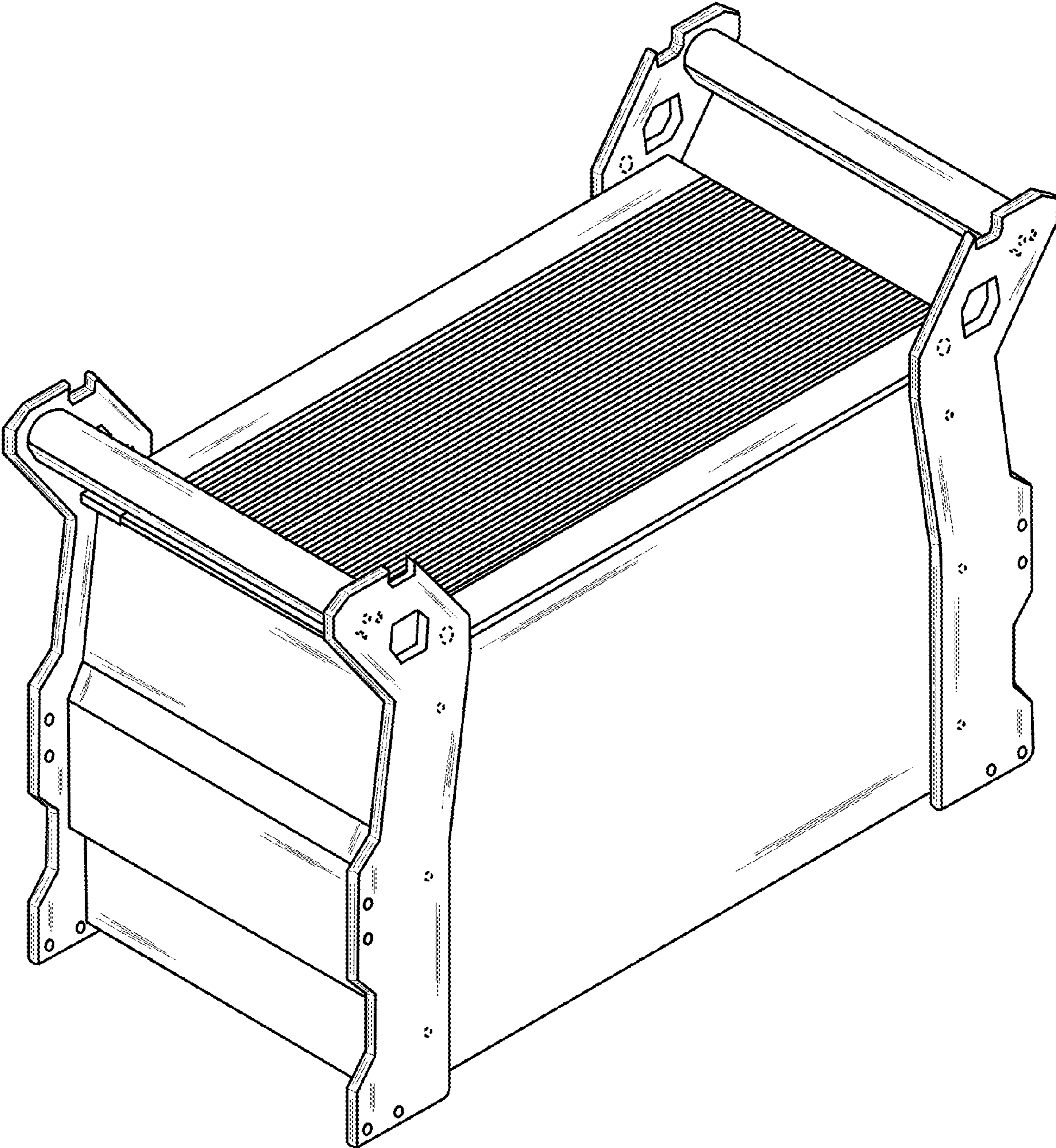


FIG. 1

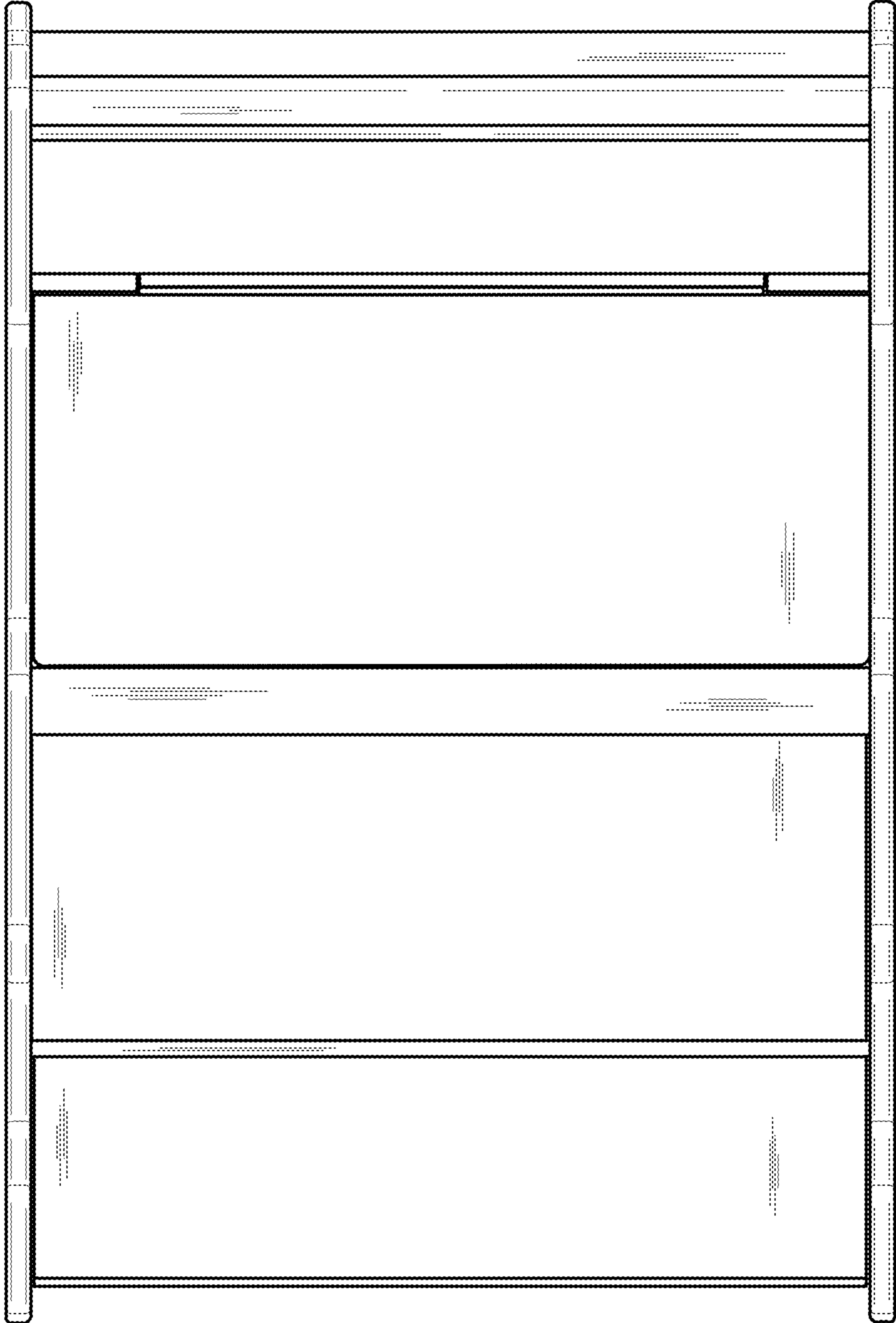


FIG. 2

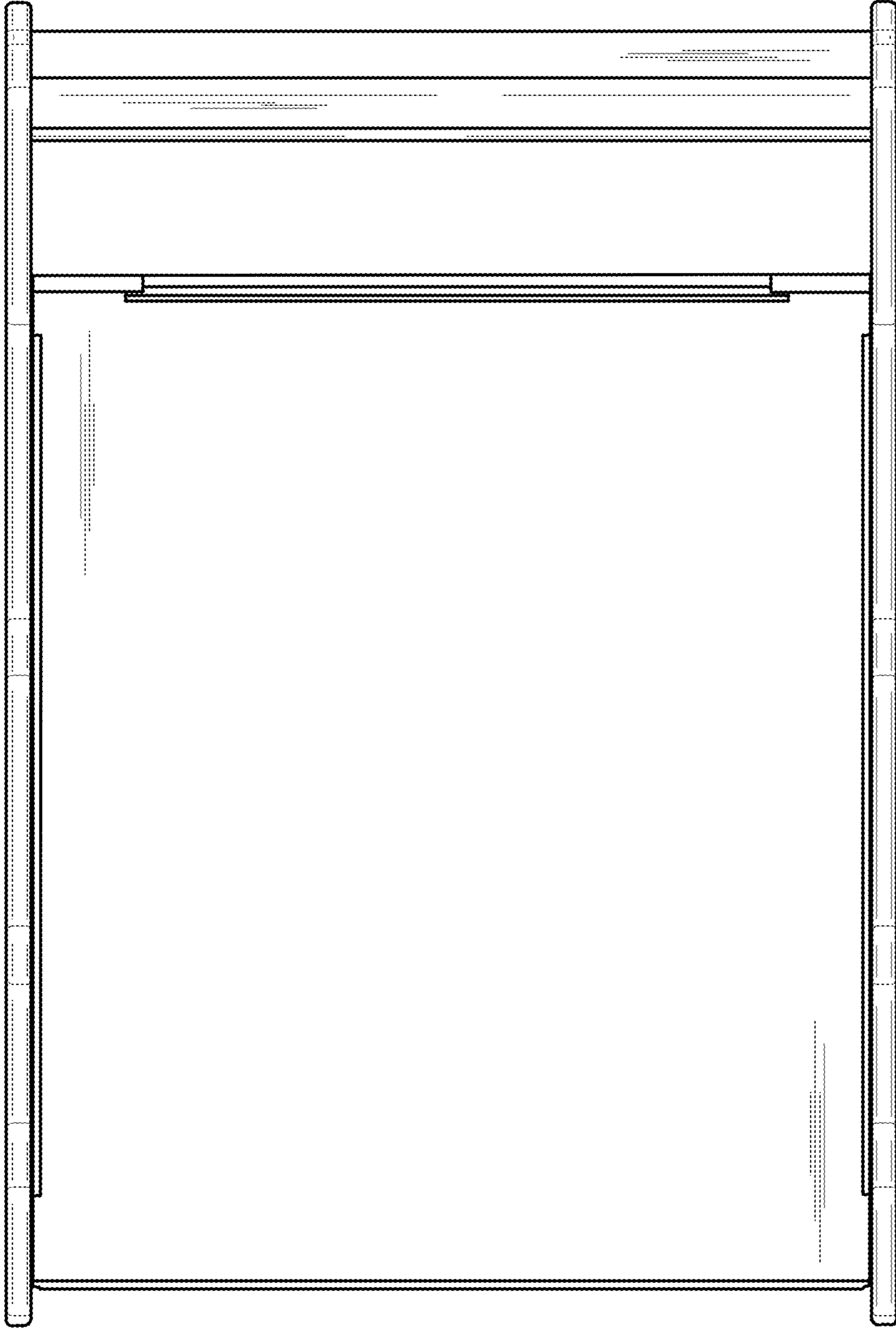


FIG. 3

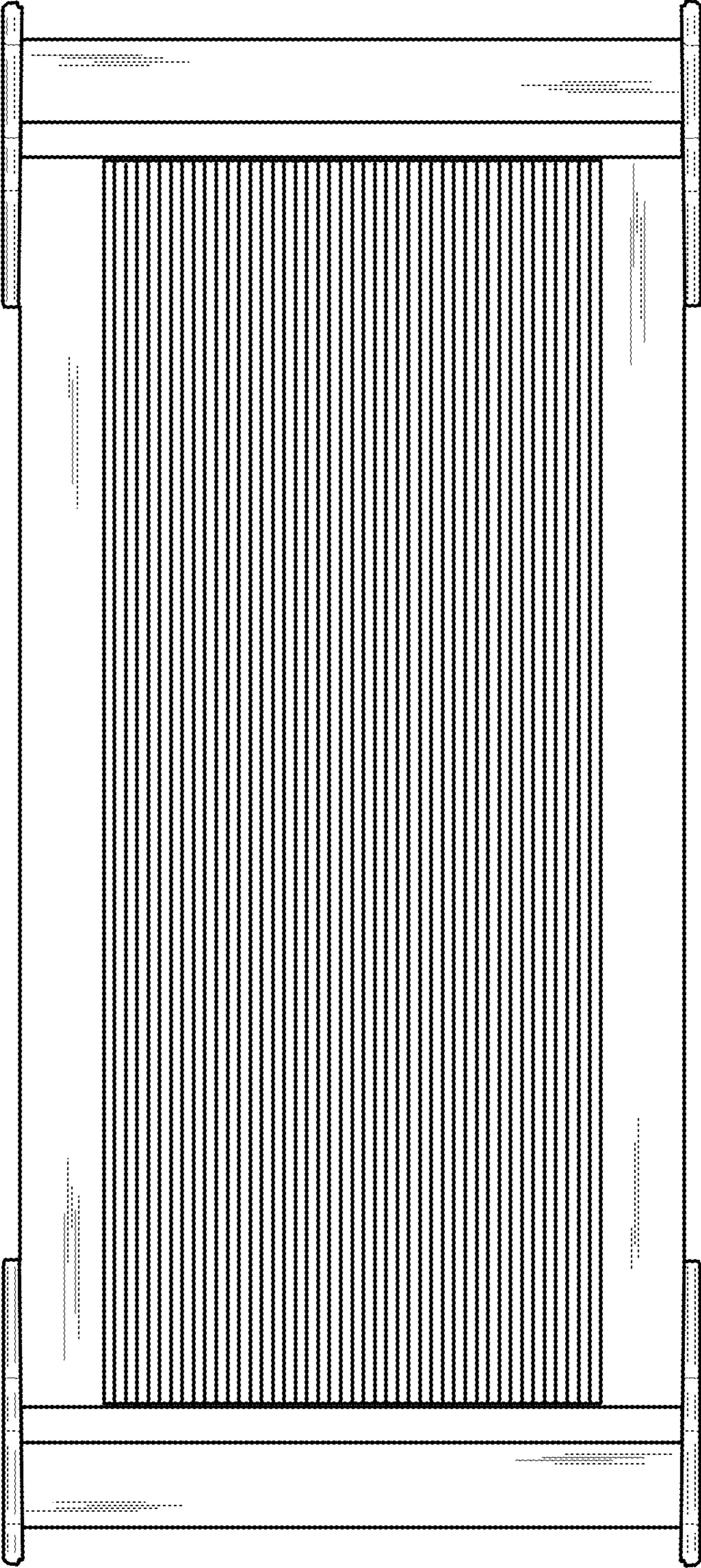


FIG. 4

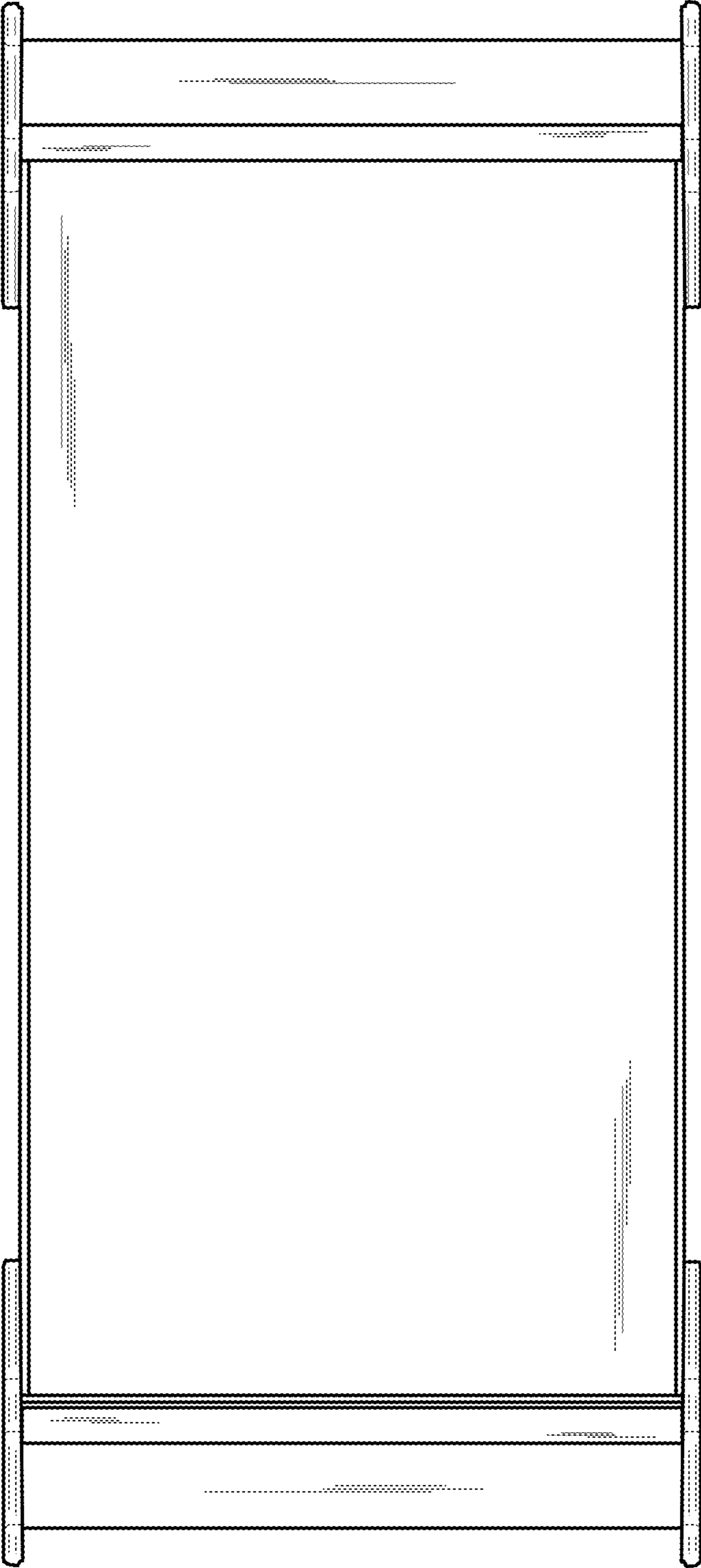


FIG. 5

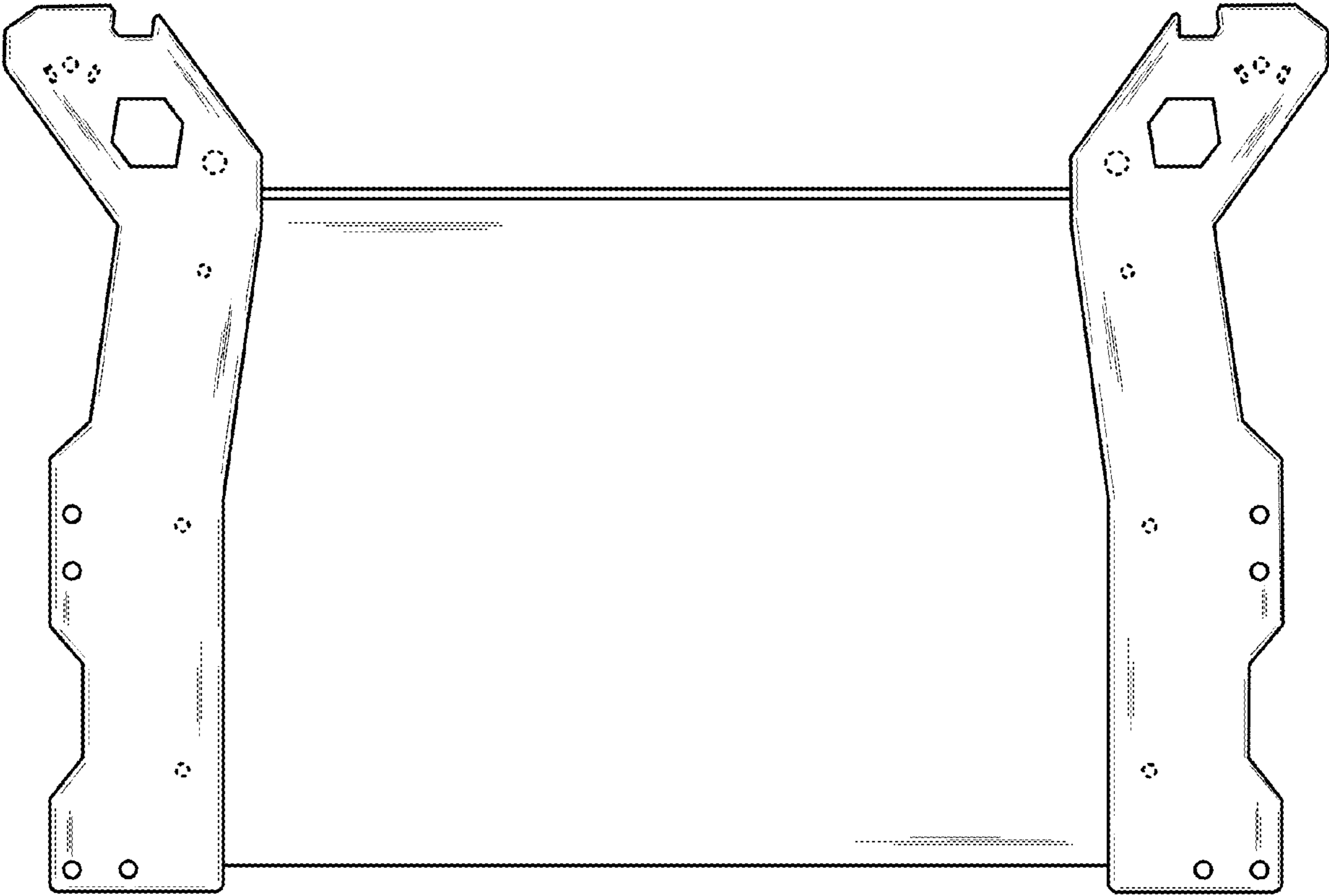


FIG. 6

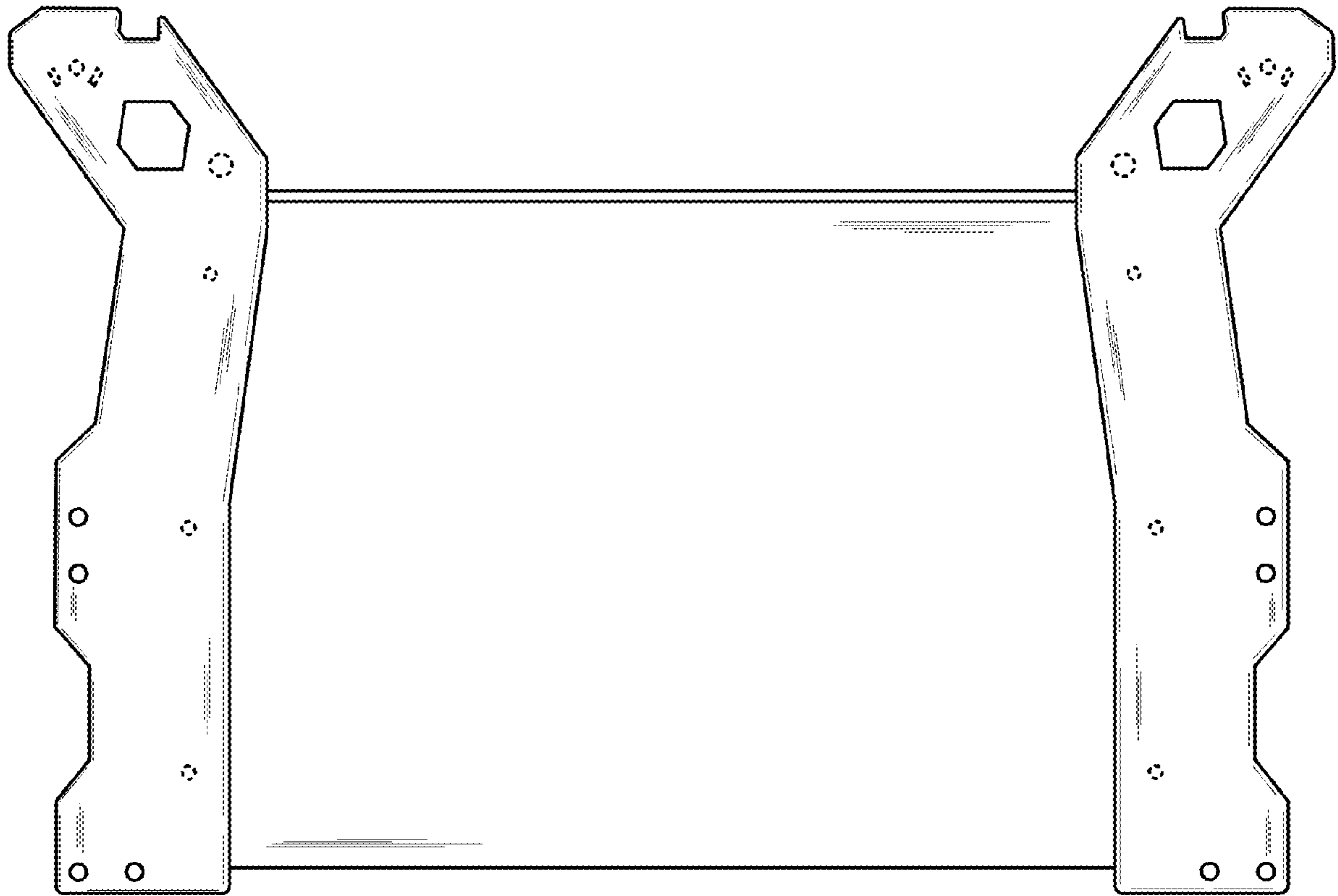


FIG. 7