



US00D961164S

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

(10) **Patent No.:** **US D961,164 S**
(45) **Date of Patent:** **** Aug. 16, 2022**

(54) **FRONT AND BACK BALLISTIC PLATE CARRIER FRAME SET**

2022], Available from the internet URL: <https://www.youtube.com/watch?v=e-lnLSqKwNE> (Year: 2018).*

(Continued)

(71) Applicants: **Szymon Mateusz Cader**, Bielsko Biala (PL); **Remigiusz Amadeusz Apryjas**, Czechowice-dziedzice (PL); **Markus Heczko**, Bielsko Biala (PL)

Primary Examiner — Jennifer L Rempfer
Assistant Examiner — Elizabeth Anne Glassberg
(74) *Attorney, Agent, or Firm* — Vista IP Law Group LLP

(72) Inventors: **Szymon Mateusz Cader**, Bielsko Biala (PL); **Remigiusz Amadeusz Apryjas**, Czechowice-dziedzice (PL); **Markus Heczko**, Bielsko Biala (PL)

(57) **CLAIM**

The ornamental design for the front and back ballistic plate carrier frame set, as shown and described.

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

DESCRIPTION

(21) Appl. No.: **29/758,814**

FIG. 1 is a back perspective view of front and back ballistic plate carrier frame set showing the new design.

(22) Filed: **Nov. 18, 2020**

FIG. 2 is a back plan view of the front and back ballistic plate carrier frame set of FIG. 1.

(51) **LOC (13) Cl.** **29-02**

FIG. 3 is a front plan view of the front and back ballistic plate carrier frame set of FIG. 1.

(52) **U.S. Cl.**

USPC **D29/101.3**

FIG. 4 is a right side plan view of the front and back ballistic plate carrier frame set of FIG. 1.

(58) **Field of Classification Search**

USPC D2/829, 839, 840; D29/101.3, 101.4

(Continued)

FIG. 5 is a left side plan view of the front and back ballistic plate carrier frame set of FIG. 1.

(56) **References Cited**

FIG. 6 is a top plan view of the front and back ballistic plate carrier frame set of FIG. 1.

U.S. PATENT DOCUMENTS

FIG. 7 is a bottom plan view of the front and back ballistic plate carrier frame set of FIG. 1.

5,996,115 A * 12/1999 Mazelsky F41H 1/02

2/2.5

D426,031 S * 5/2000 Flandez D29/101.4

(Continued)

FIG. 8 is a back perspective view of the front and back ballistic plate carrier frame set of FIG. 1, shown assembled with shoulder straps and a cummerbund to form a body armor vest; and,

FOREIGN PATENT DOCUMENTS

EM 006611349-0001 * 8/2019

EM 006685624-0001 * 8/2019

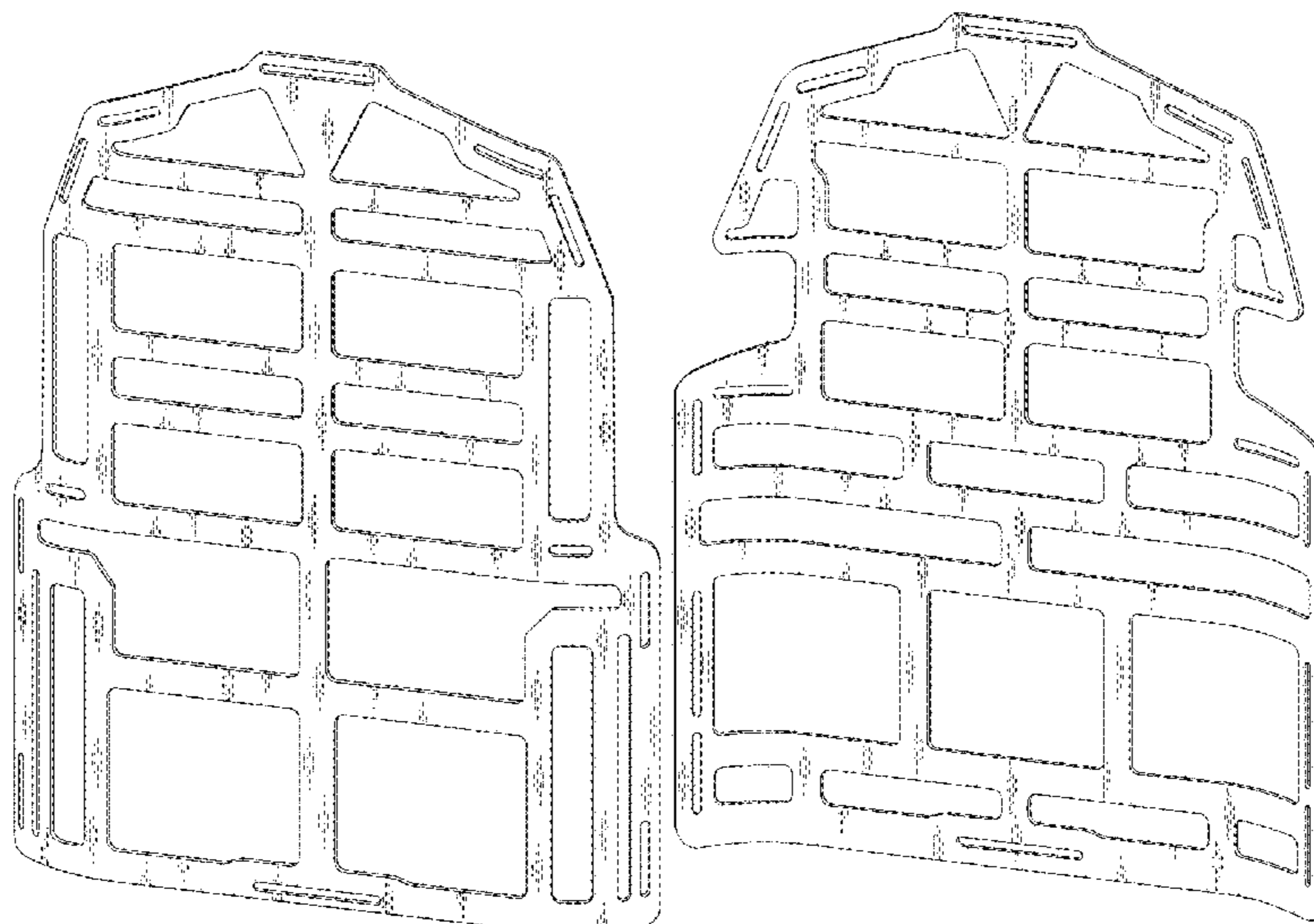
FIG. 9 is a front perspective view of the front and back ballistic plate carrier frame set of FIG. 1, shown assembled with shoulder straps and a cummerbund to form a body armor vest.

OTHER PUBLICATIONS

The broken lines in FIGS. 8-9 are for the purpose of illustrating an environment in which the front and back ballistic plate carrier frame set are used, and they form no part of the claimed design.

FMA Triple Mag Retention Track For Frame Plate carrier kydex, announced in YouTube on Apr. 6, 2018 [online], [site visited Apr. 6,

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC A41D 1/04; A41D 13/01; A41D 13/0506;
 A41D 13/0007; A41D 31/32; G02B 5/12;
 G08B 5/004; H05B 33/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D452,047 S * 12/2001 Ditchfield D29/100
 D488,290 S * 4/2004 Noell D2/829
 D516,252 S * 2/2006 Farshid D29/101.4
 D638,583 S * 5/2011 Bishop D29/101.3
 D667,169 S * 9/2012 Miller D29/101.3
 D677,433 S 3/2013 Swan et al.
 8,418,265 B1 * 4/2013 Storms, Jr. F41H 1/02
 2/2.5
 D725,312 S * 3/2015 Hilliard D29/101.4
 9,003,947 B1 * 4/2015 Rittenhouse, Jr. F41H 1/02
 2/2.5
 D733,359 S * 6/2015 Kun D29/101.4
 D767,824 S * 9/2016 Hilliard D29/100
 D777,378 S * 1/2017 Tien D29/101.4

D781,000 S * 3/2017 Seuk A41D 13/0012
 D29/101.4
 9,777,997 B2 10/2017 Swan et al.
 D808,594 S * 1/2018 Tien D29/101.4
 D819,153 S * 5/2018 Landen D21/805
 9,995,431 B2 * 6/2018 Swan A45F 3/005
 D824,110 S * 7/2018 Stevens D29/101.4
 10,288,384 B2 * 5/2019 Kinnings A45F 3/06
 D854,251 S 7/2019 Swan et al.
 10,605,574 B2 * 3/2020 Swan F41H 1/02
 11,079,203 B2 * 8/2021 Becker A41D 13/0012
 D943,834 S * 2/2022 Siegieńczuk D29/101.4
 2011/0209260 A1 * 9/2011 Herbener F41H 1/02
 2/2.5
 2018/0045489 A1 2/2018 Swan et al.
 2019/0038007 A1 2/2019 Swan et al.

OTHER PUBLICATIONS

S&S Precision Plate Frame Tactical Armor Plate Carrier, announced in YouTube on Mar. 19, 2012 [online], [site visited Apr. 6, 2022], Available from the internet URL: https://www.youtube.com/watch?v=7-bZJ_jVZsk (Year: 2012).*

* cited by examiner

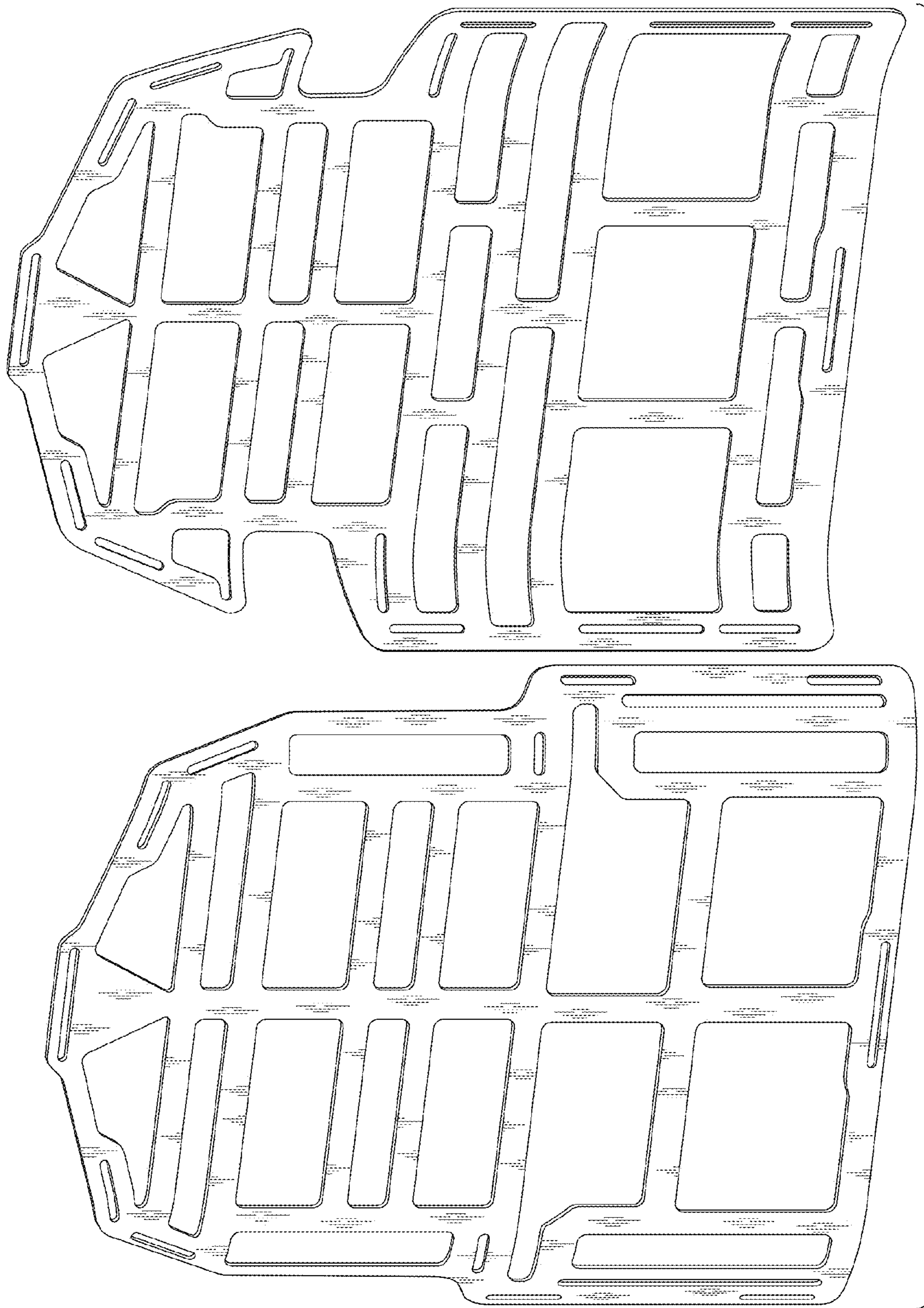


Fig. 1

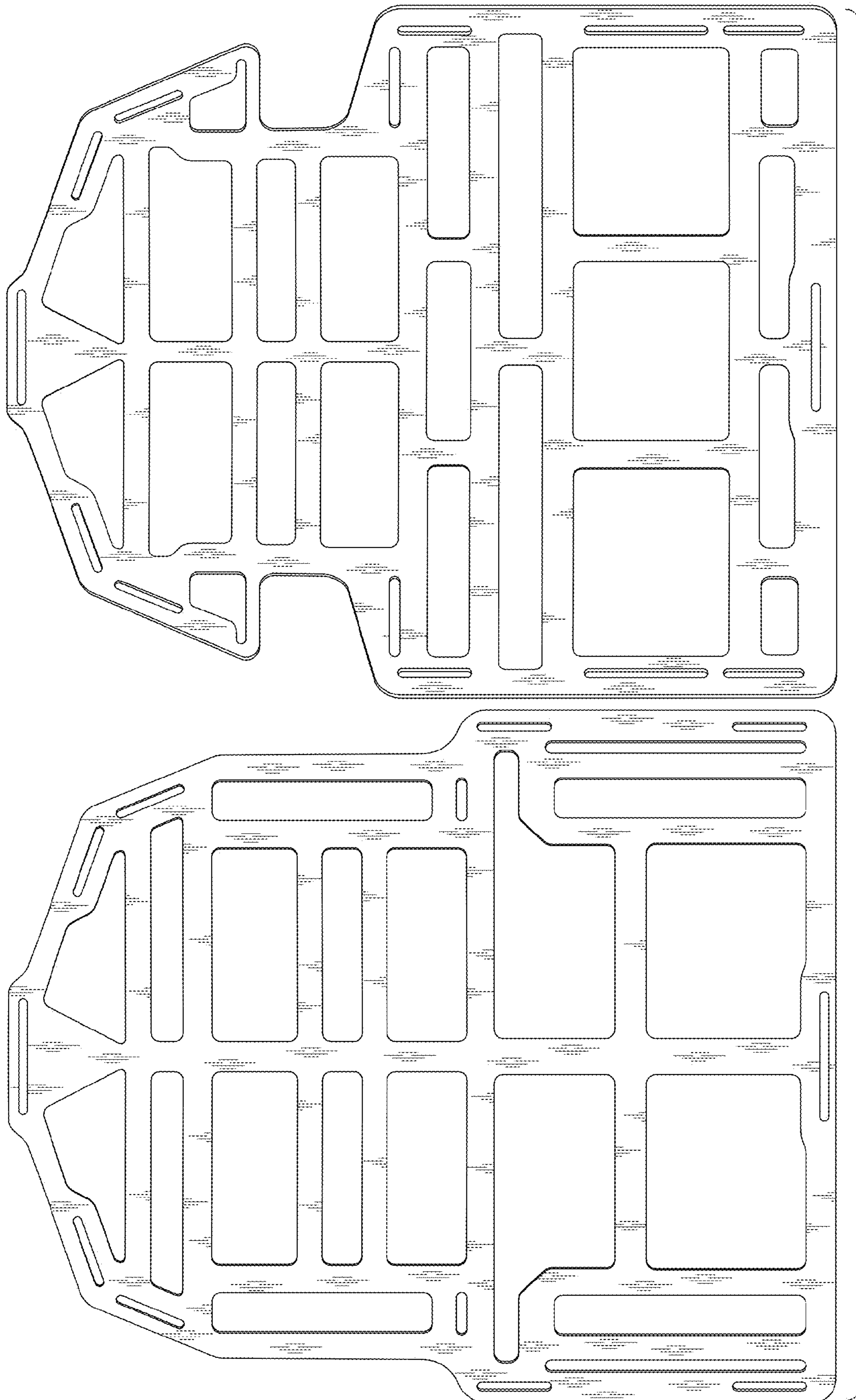


Fig. 2

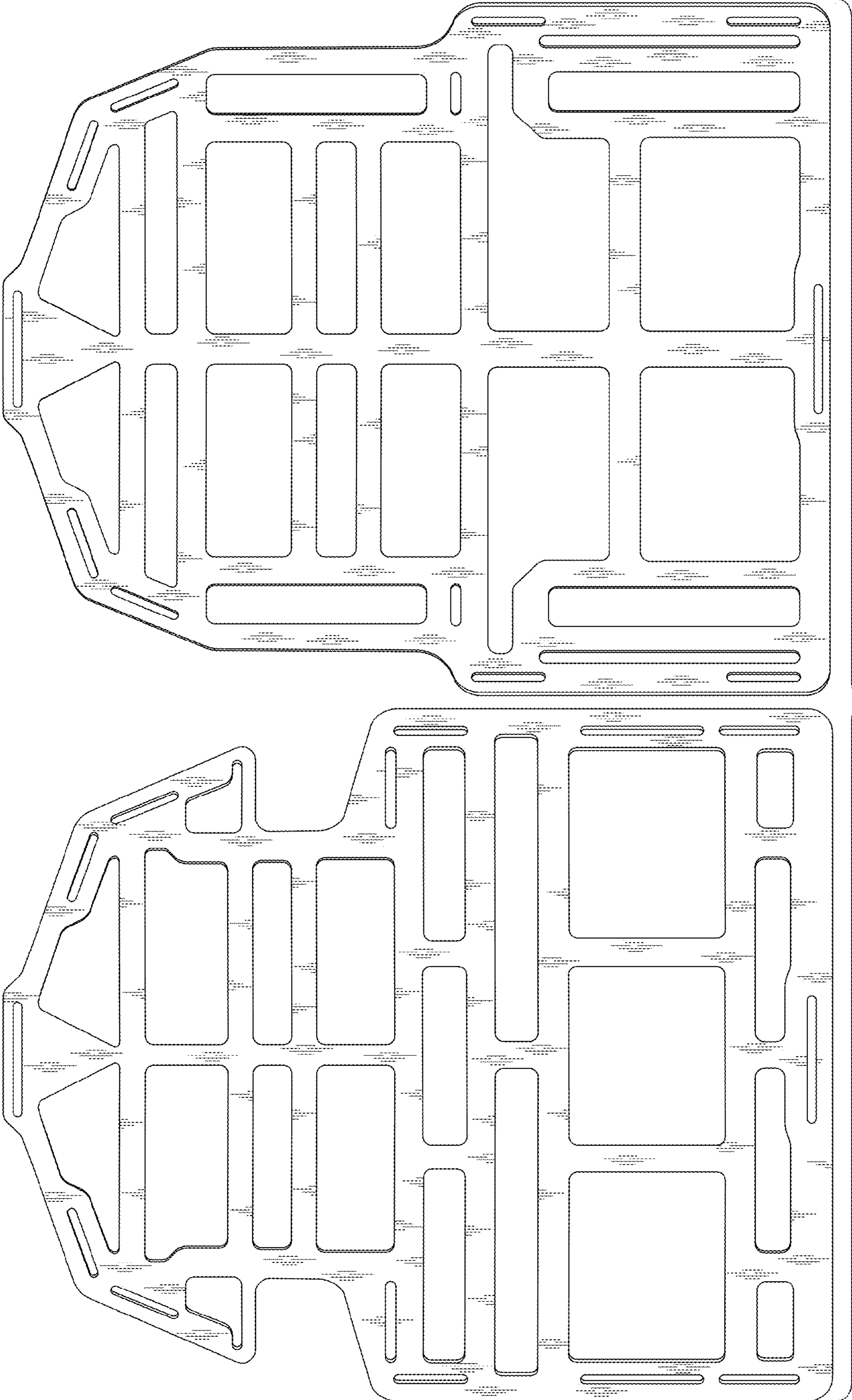


Fig. 3

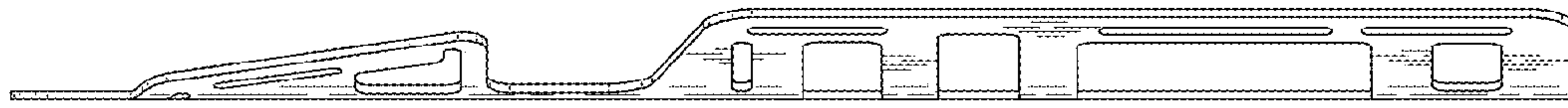
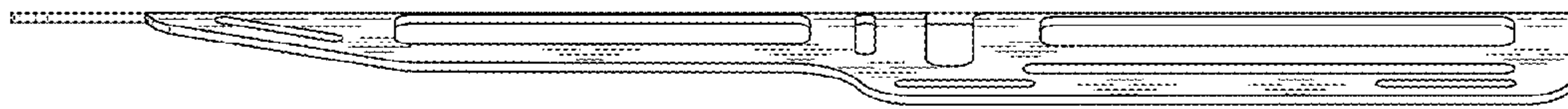


Fig. 5

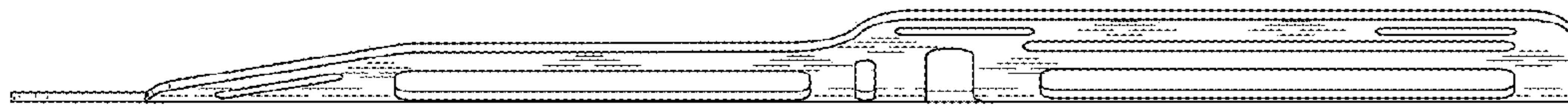
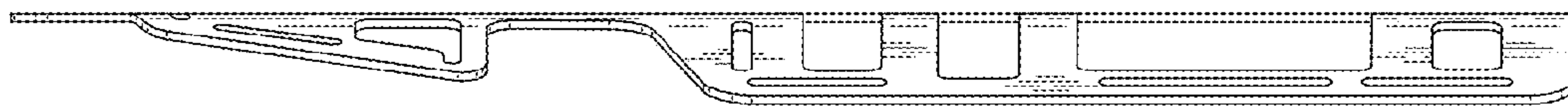


Fig. 4

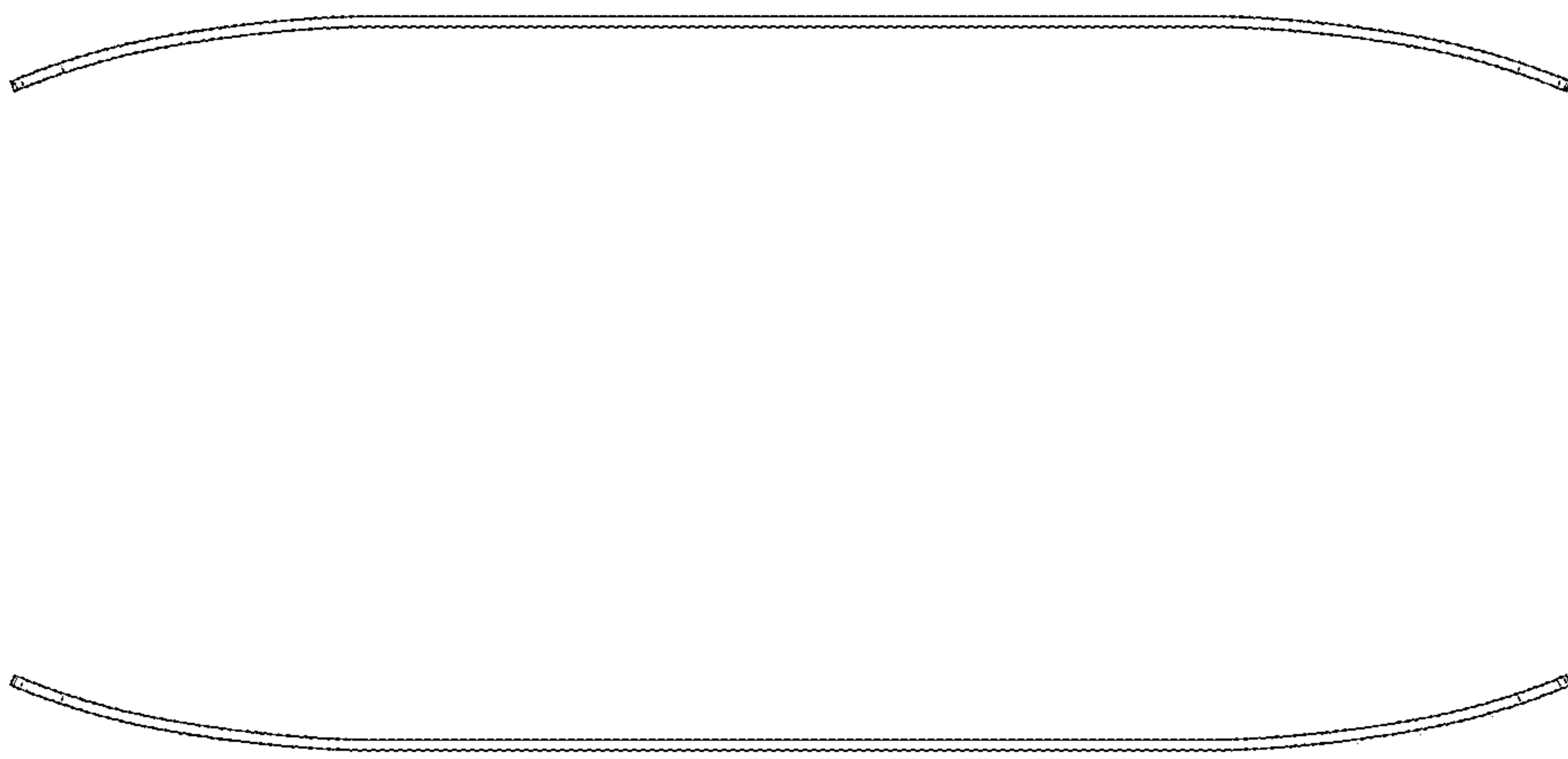


Fig. 7

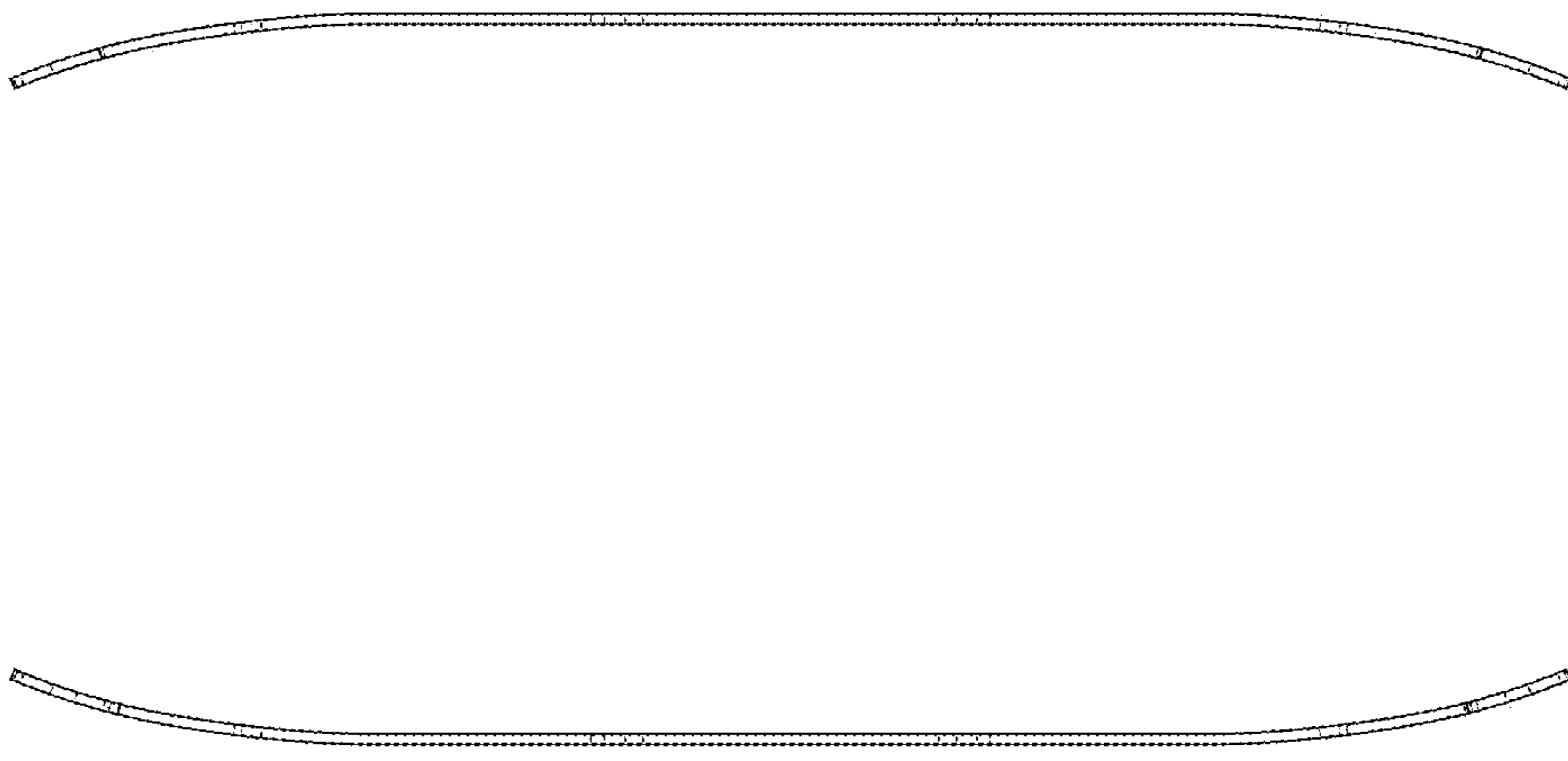


Fig. 6

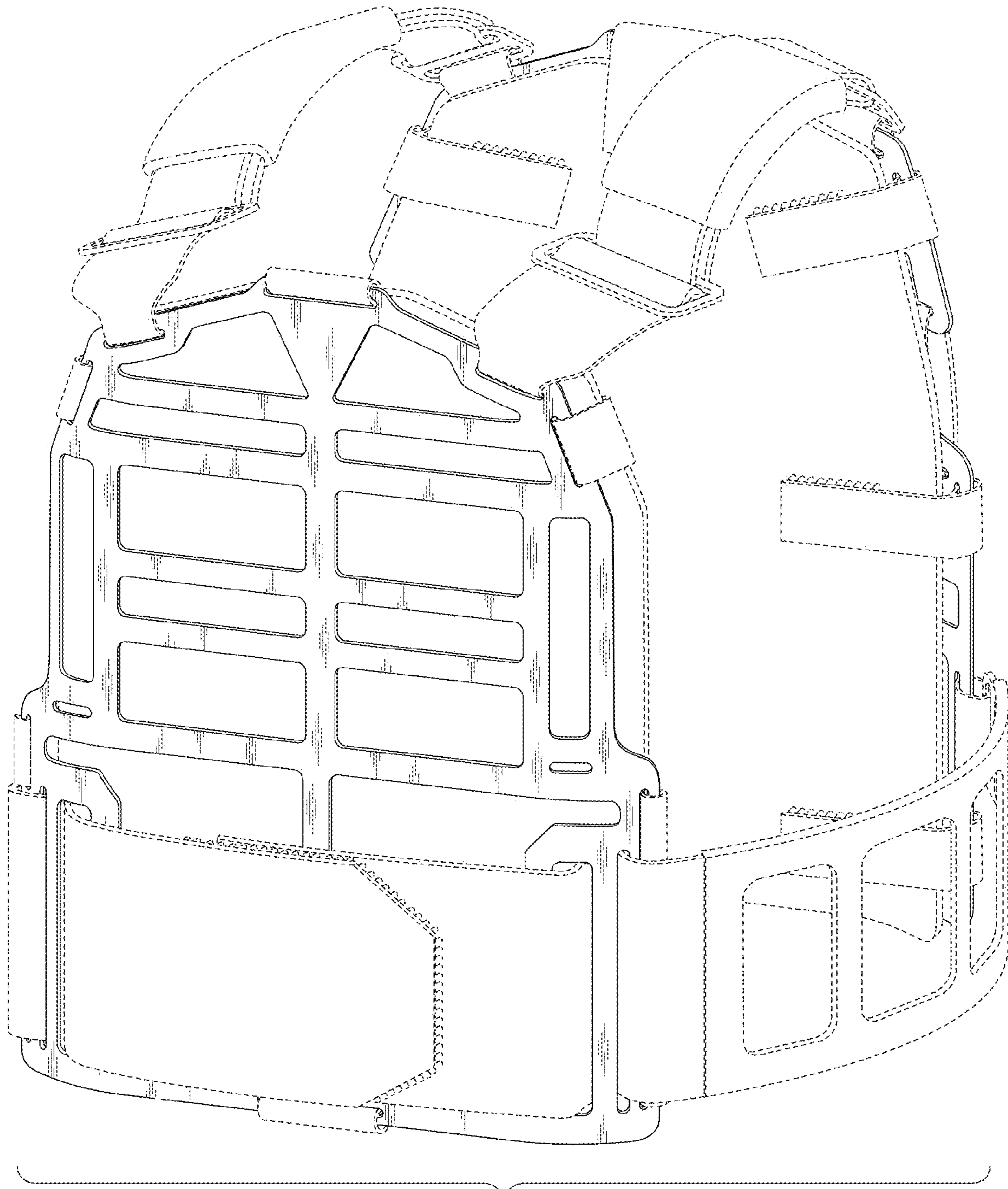


Fig. 8

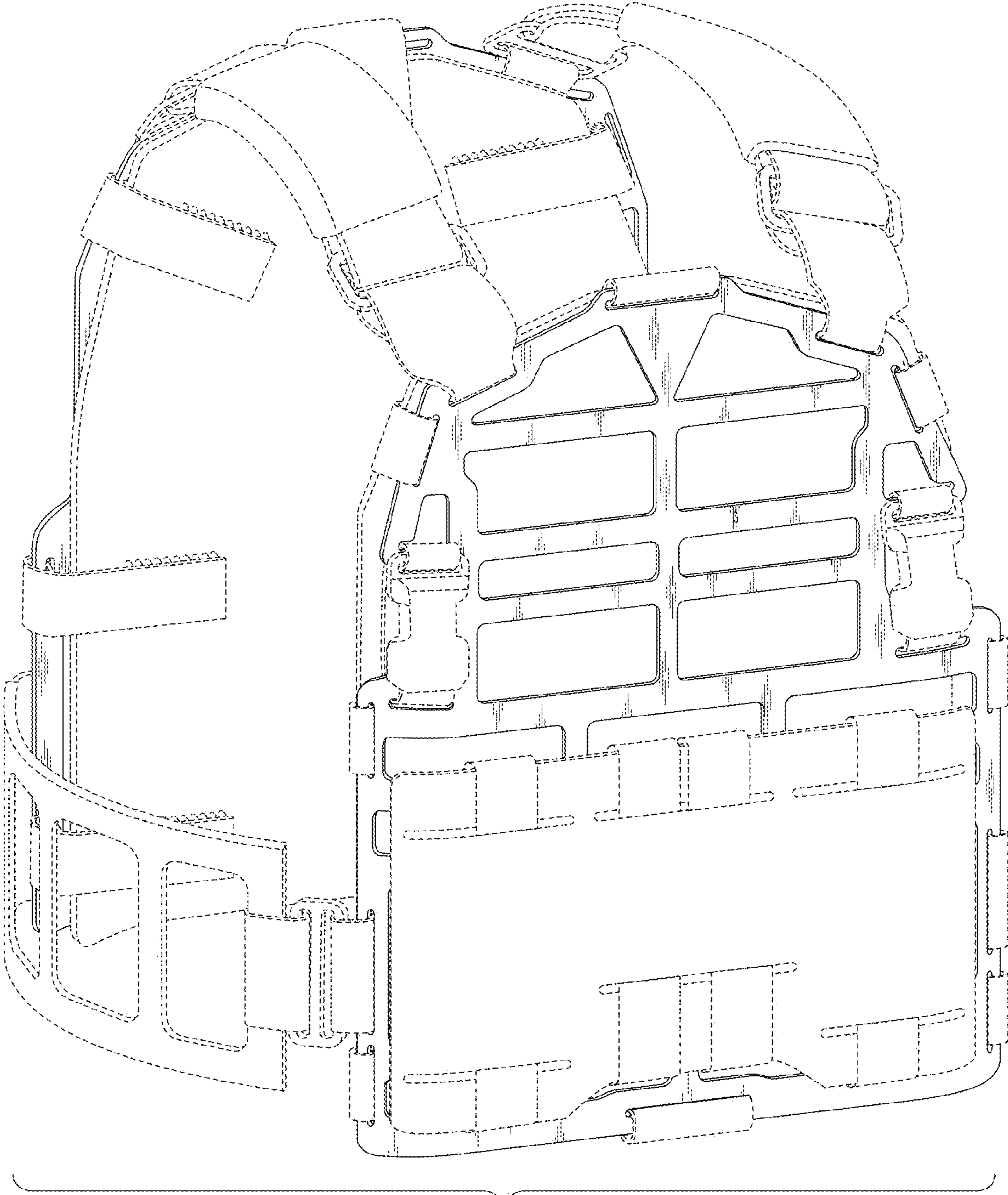


Fig. 9