



US0D1088541S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,088,541 S**
Hirz (45) **Date of Patent:** **** Aug. 19, 2025**

(54) **STORAGE BOX**

(71) Applicants: **SSI Schäfer Plastics GmbH**,
Neunkirchen (DE); **VDA Verband der**
Automobilindustrie e.V., Berlin (DE)

(72) Inventor: **Diethelm Hirz**, Neunkirchen (DE)

(73) Assignees: **SSI Schäfer Plastics GmbH**,
Neunkirchen (DE); **VDA Verband der**
Automobilindustrie e.V., Berlin (DE)

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

(21) Appl. No.: **29/936,626**

(22) Filed: **Apr. 9, 2024**

Related U.S. Application Data

(62) Division of application No. 35/515,646, filed on Nov.
10, 2022 (U.S. filing date under 35 U.S.C. 384), and
(Continued)

(30) **Foreign Application Priority Data**

May 24, 2022 (EM) 009040918

(51) **LOC (15) Cl.** **09-04**

(52) **U.S. Cl.**
USPC **D3/304**

(58) **Field of Classification Search**

USPC D3/272, 304, 305, 307–314, 318–319,
D3/321, 323, 901; D9/414, 416,
D9/431–432, 435, 444, 455, 460, 499,
D9/517, 518, 522, 702–714, 719,
D9/738–740
CPC A45C 3/04; A45C 3/10; A45C 7/0077;
A47B 43/00; A47B 43/003; A47B
46/021; A47B 55/00; A47B 55/002; A47B
57/00; A47B 57/14; A47B 57/16; A47B
57/20;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D415,866 S * 10/1999 Huang D3/304
6,189,695 B1 * 2/2001 Ching-rong B65D 21/0213
206/509

(Continued)

FOREIGN PATENT DOCUMENTS

CH 714972 A1 11/2019
DE 3619261 A1 12/1987

(Continued)

OTHER PUBLICATIONS

“ELB Peso Ligero”, [Posted on solucionesalmacenaje.com], [TinEye
Reverse Image Date Feb. 7, 2017], [Retrieved on Oct. 3, 2023],
<https://www.solucionesalmacenaje.com/c-1223-elb-peso-ligero.aspx> (Year: 2017).*

(Continued)

Primary Examiner — Bao-Yen T Nguyen

Assistant Examiner — Christopher John Suarez La Rosa

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

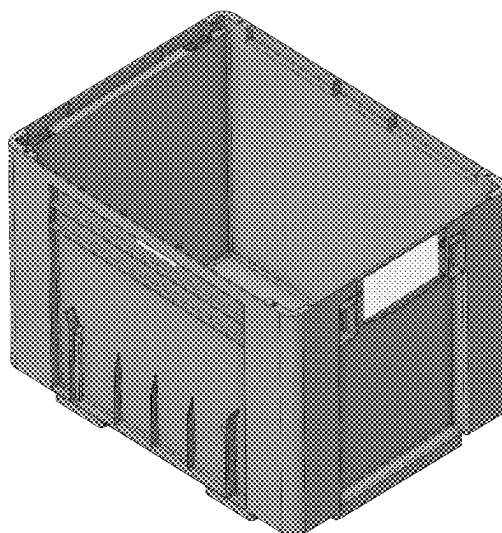
(57) **CLAIM**

The ornamental design for a storage box as shown and
described.

DESCRIPTION

FIG. 1 is a top, front, right side perspective view of a storage
box showing the new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof; and,
FIG. 6 is a top side view thereof.
Lightly shaded portions of the storage box in FIGS. 1-5 form
no part of the claimed design.

1 Claim, 6 Drawing Sheets



Related U.S. Application Data

having an international filing date of Nov. 10, 2022,
now Pat. No. Des. 1,070,350.

(58) Field of Classification Search

CPC A47B 73/008; A47B 87/0284; B65D 1/00;
B65D 1/22; B65D 1/24; B65D 1/34;
B65D 1/36; B65D 1/38; B65D 1/225;
B65D 1/243; B65D 11/1893; B65D
21/0213; B65D 31/00; B65D 31/04;
B65D 31/10; B65D 33/00; B65D 33/02;
B65D 33/06; B65D 33/065; B65D 33/14;
B65D 33/1683; B65D 33/12; B65D
33/24; B65D 43/0218

See application file for complete search history.

(56)

References Cited**U.S. PATENT DOCUMENTS**

D797,453	S *	9/2017	Shamp	.....	D3/314
D895,282	S *	9/2020	Plattner	.....	D3/314
D919,296	S *	5/2021	Brunner	.....	D3/307
D949,566	S *	4/2022	Ritzberger	.....	D9/425
D967,630	S *	10/2022	Ritzberger	.....	D9/425
D977,249	S *	2/2023	Hsu	.....	D3/304
D1,036,860	S *	7/2024	Hirz	.....	D3/304
D1,070,350	S *	4/2025	Hirz	.....	D3/304
2011/0114528	A1	5/2011	Hirz		
2018/0186512	A1 *	7/2018	Ritzberger	.....	B65D 21/0213
2018/0273245	A1 *	9/2018	Sommer	.....	B65D 21/0212

2021/0229863	A1	7/2021	Sostmann		
2022/0081167	A1 *	3/2022	Huizingh	.....	B65D 1/22
2024/0076114	A1 *	3/2024	Hirz	.....	B65D 1/22

FOREIGN PATENT DOCUMENTS

DE	29702706	U1	4/1997
DE	102022122396	A1	3/2024
EP	2322437	A2	5/2011
FR	2712872	A1	6/1995
JP	3057224	U	4/1999

OTHER PUBLICATIONS

“7"Hx15"Wx12"D NF Lightweight Straigh Wall Containers”, [Posted on solucionesalmacenaje.com], [TinEye Reverse Image Date Jan. 1, 2019], [Retrieved on Oct. 3, 2023], <https://www.solucionesalmacenaje.com/p-7722-7h-x-15w-x-12d-nf-lightweight-straigh-wall-containers.aspx> (Year: 2019).*

“8"Hx15"Wx12"D NF Lightweight Straigh Wall Containers”, [Posted on solucionesalmacenaje.com], [TinEye Reverse Image Date Jan. 1, 2019], [Retrieved on Oct. 3, 2023], <https://www.solucionesalmacenaje.com/p-7425-8h-x-15w-x-12d-nf-lightweight-straigh-wall-containers.aspx> (Year: 2019).*

“LTF 6280 Contenedor Pared Recta Azul 600Lx400Wx275H”, [Posted on solucionesalmacenaje.com], [TinEye Reverse Image Date Aug. 18, 2017], [Retrieved on Oct. 3, 2023], <https://www.solucionesalmacenaje.com/p-8044-ltf-6280-contenedor-pared-recta-azul-600l-x-400w-x-275h.aspx> (Year: 2017).*

Pro-K Industrieverband Halbzeuge und Konsumprodukte aus Kunststoff e.V., “pro-K Lager und Transportsysteme. Positionspapier Branschut bei Kunststoff Ladungsträgern”, unknown publication date.

* cited by examiner

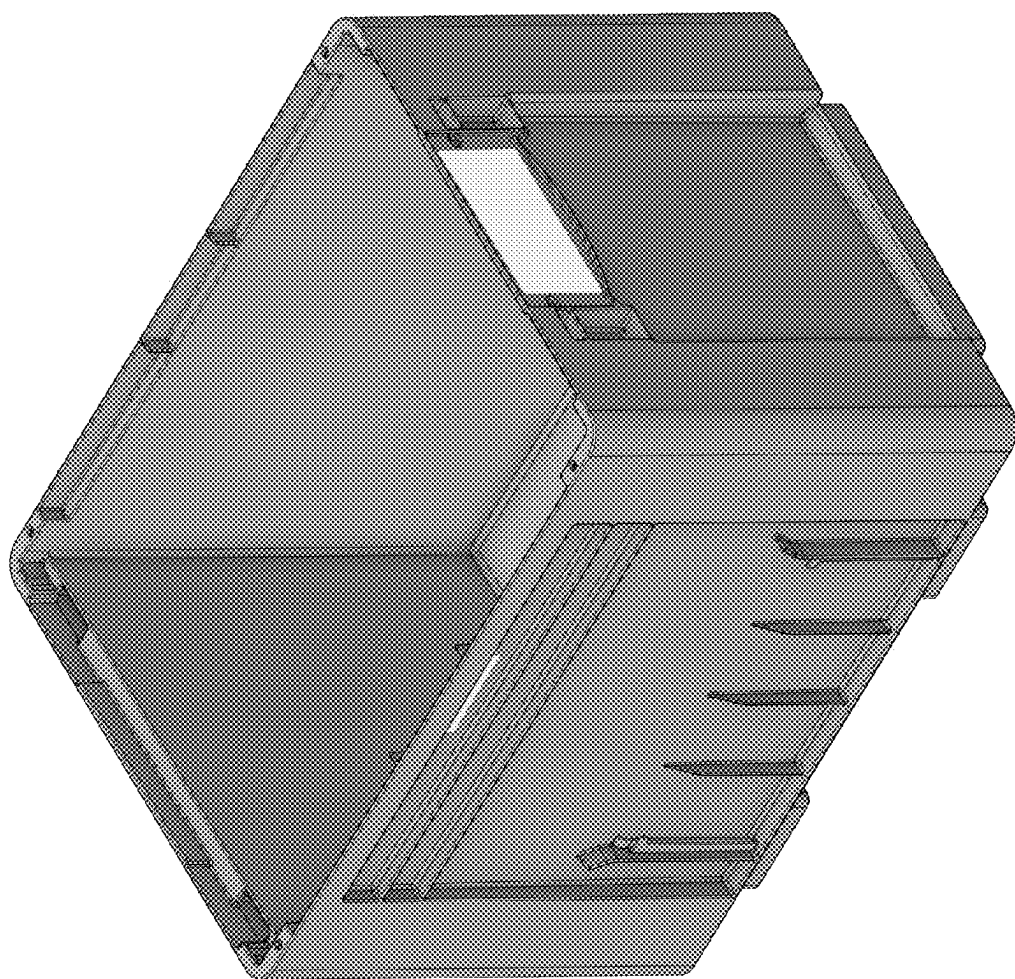


FIG. 1

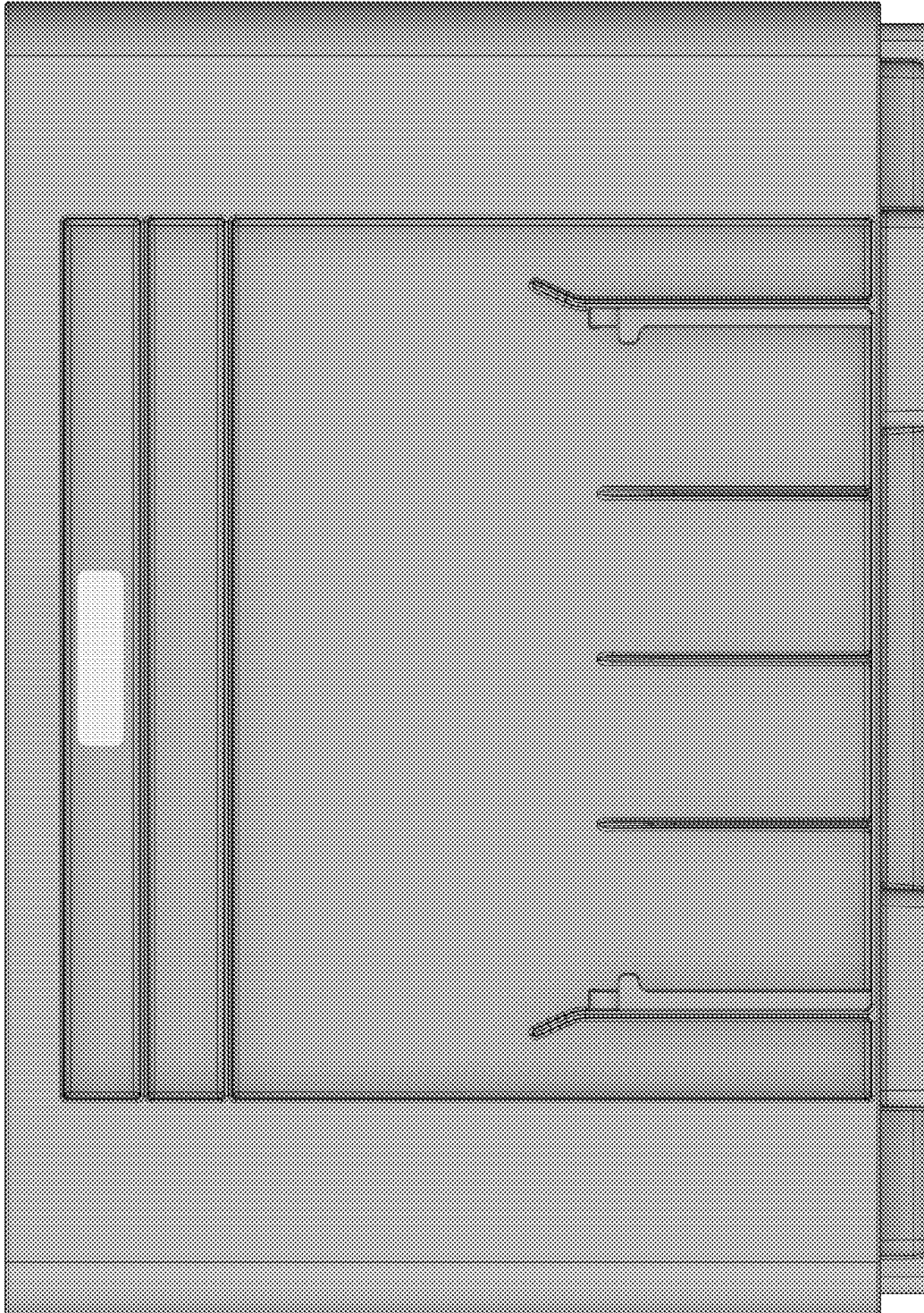


FIG. 2

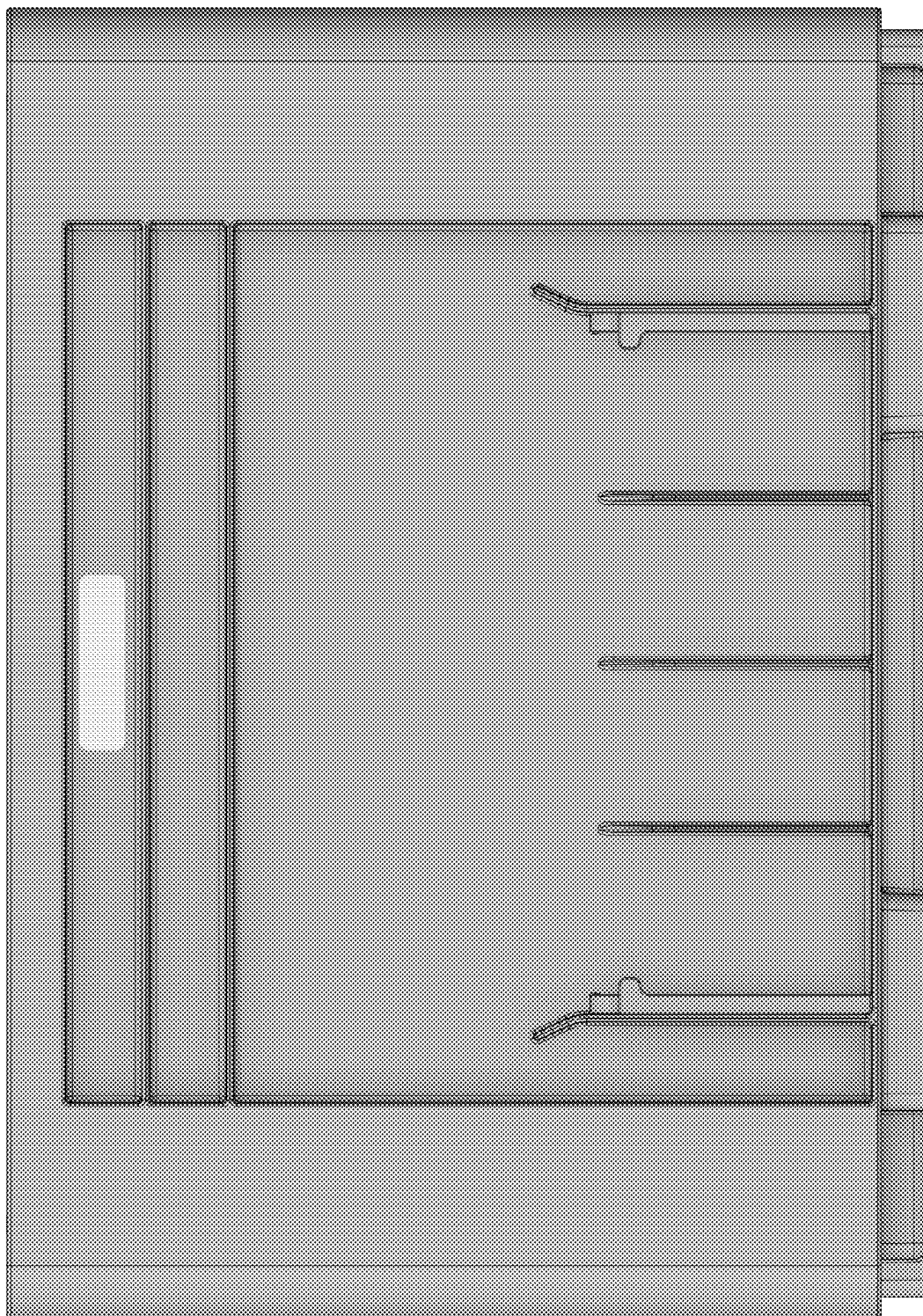


FIG. 3

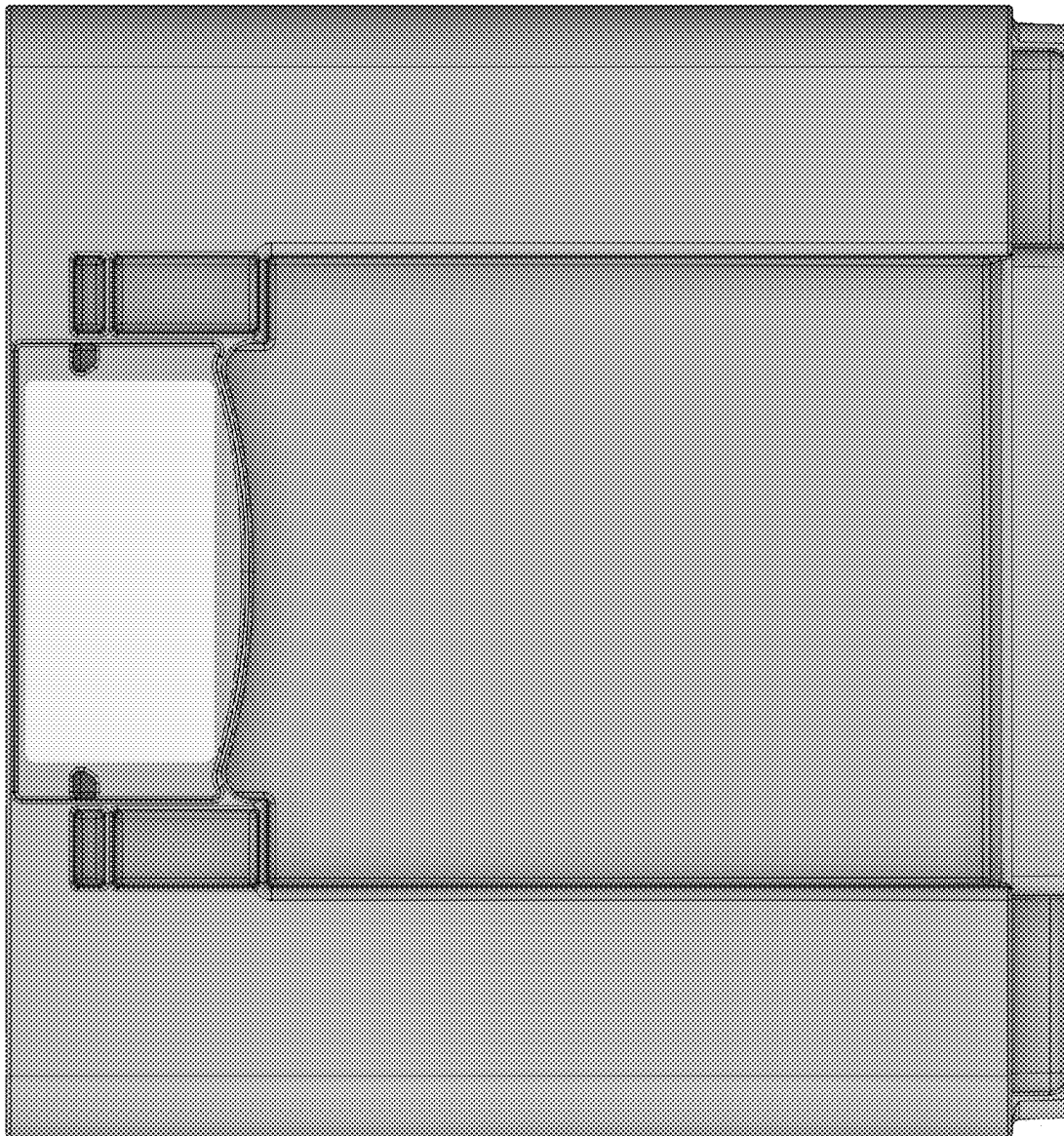


FIG. 4

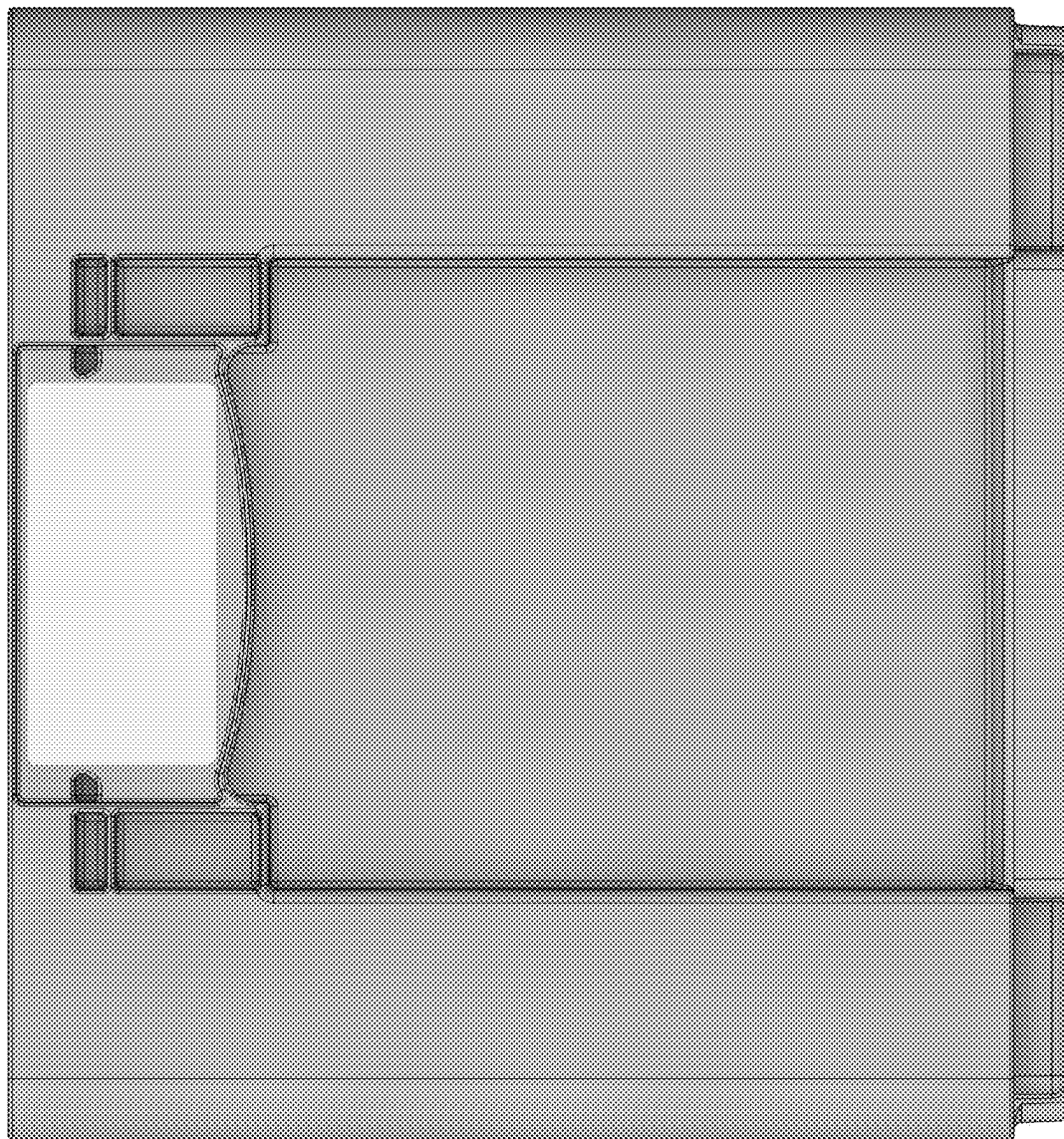


FIG. 5

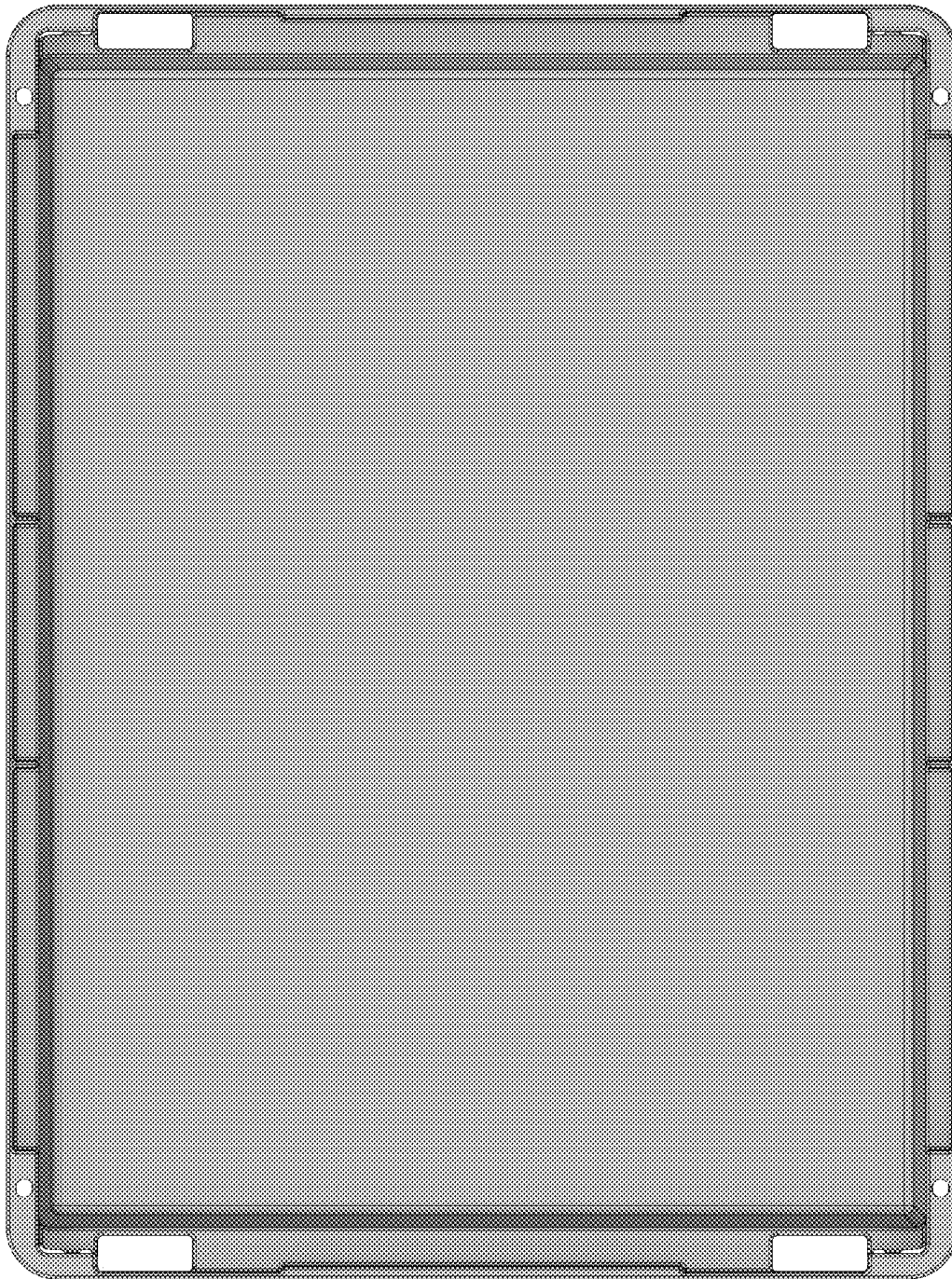


FIG. 6