



US00D920912S

(12) **United States Design Patent**
Moriya

(10) **Patent No.:** **US D920,912 S**

(45) **Date of Patent:** **** Jun. 1, 2021**

(54) **CORE COMPONENT**

(71) Applicant: **SUMIDA CORPORATION**, Tokyo
(JP)

(72) Inventor: **Hitoshi Moriya**, Natori (JP)

(73) Assignee: **SUMIDA CORPORATION**

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

(21) Appl. No.: **29/698,492**

(22) Filed: **Jul. 17, 2019**

(30) **Foreign Application Priority Data**

Jan. 23, 2019 (JP) 2019-001229

Jan. 23, 2019 (JP) 2019-001230

Jan. 23, 2019 (JP) 2019-001231

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

(52) **U.S. Cl.**
USPC **D13/117**

(58) **Field of Classification Search**
USPC D13/101, 110, 117, 118, 119, 120, 121,
D13/122, 129, 133, 153, 179, 182, 183,
D13/199

CPC H01F 27/00; H01F 27/2866; H01F 41/06
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D296,778 S * 7/1988 McCarthy D13/179

D301,334 S * 5/1989 Dupasquier D13/179

7,289,081 B2 * 10/2007 Mito H01F 5/04
343/711

7,471,179 B2 * 12/2008 Hatakeyama H01F 17/045
336/192

D662,054 S * 6/2012 Urano D13/117

D779,429 S * 2/2017 Yamada D13/117

D816,613 S * 5/2018 Yanase D13/133

10,277,193 B2 4/2019 Tomonari et al.

10,692,639 B2 * 6/2020 Jerez H01F 27/292

(Continued)

FOREIGN PATENT DOCUMENTS

JP H08-213242 A 8/1996

JP 2006-108453 A 4/2006

JP 2017-216260 A 12/2017

OTHER PUBLICATIONS

“Electrode Terminal for Power Module”. Found online Nov. 2, 2020 at power-module.com. Reference dated Mar. 19, 2016. Retrieved from <https://web.archive.org/web/20160319034421/http://www.power-module.com/electrode-terminal.html>. (Year: 2016).*

(Continued)

Primary Examiner — Kendra Leslie Hamilton

Assistant Examiner — Amanda Christensen

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

(57) **CLAIM**

The ornamental design for a core component, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of the core component, showing my new design;

FIG. 2 is a rear elevation view thereof;

FIG. 3 is a right side elevation view thereof;

FIG. 4 is a left side elevation view thereof;

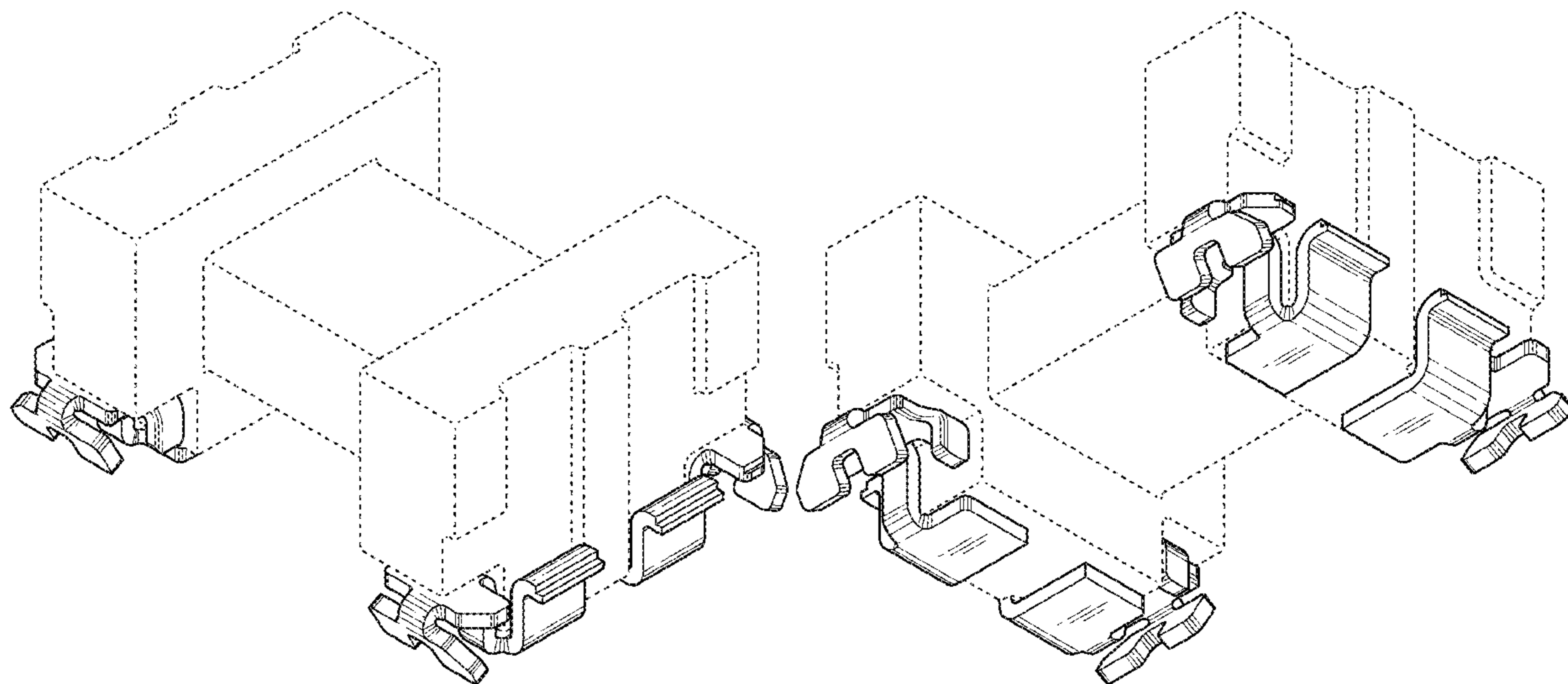
FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a top, front, right side perspective view thereof; and,

FIG. 8 is a bottom, front, right side perspective view thereof. The broken lines in the drawings show environment only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2018/0068781 A1* 3/2018 Igarashi H01F 27/2828
2018/0182534 A1* 6/2018 Horie H01F 27/2828
2018/0330869 A1* 11/2018 Kim H01F 17/045
2019/0148055 A1* 5/2019 Moriya H01F 27/2823
336/83
2020/0203052 A1* 6/2020 Murakami H01F 27/24

OTHER PUBLICATIONS

“Fourslide Parts”. Found online Jul. 20, 2020 at fourslide.com. Reference dated Apr. 17, 2013. Retrieved from <https://web.archive.org/web/20130417114142/https://www.fourslide.com/fourslide-parts/>. (Year: 2013).*

“Metal Stamped Terminals”. Found online Aug. 27, 2020 at ultrastamping.com. Reference dated Apr. 1, 2012. Retrieved from <https://web.archive.org/web/20120401103615/http://www.ultrastamping.com/metal-stamped-stainless-steel-terminals-for-the-insert-molding-automotive-industry-in-illinois.html>. (Year: 2012).*

Japanese Office Action for Application No. 2019-001229 dated Oct. 29, 2019 with English translation (4 pages).

Japanese Office Action for Application No. 2019-001230 dated Oct. 29, 2019 with English translation (4 pages).

Japanese Office Action for Application No. 2019-001231 dated Oct. 29, 2019 with English translation (4 pages).

* cited by examiner

FIG. 1

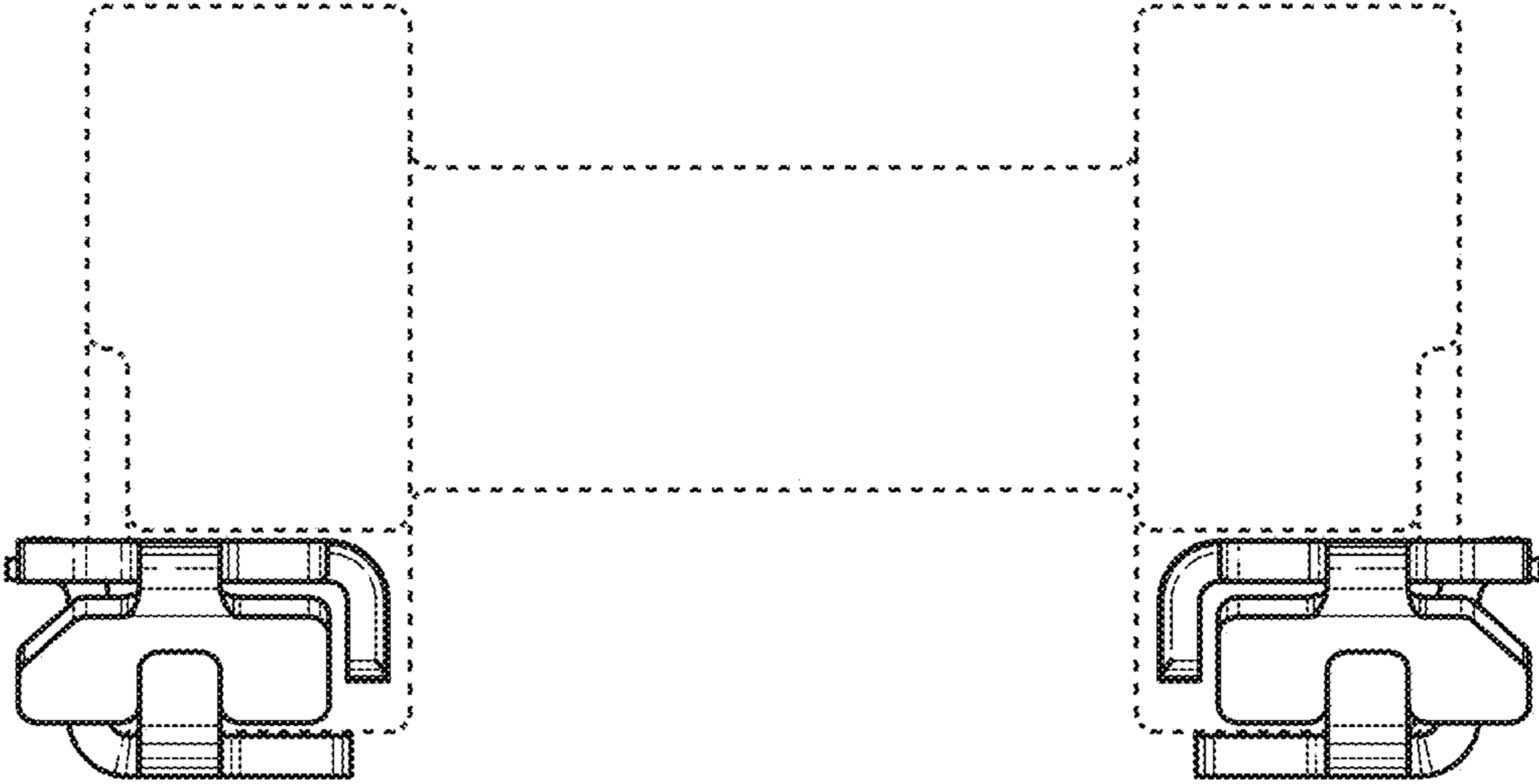


FIG. 2

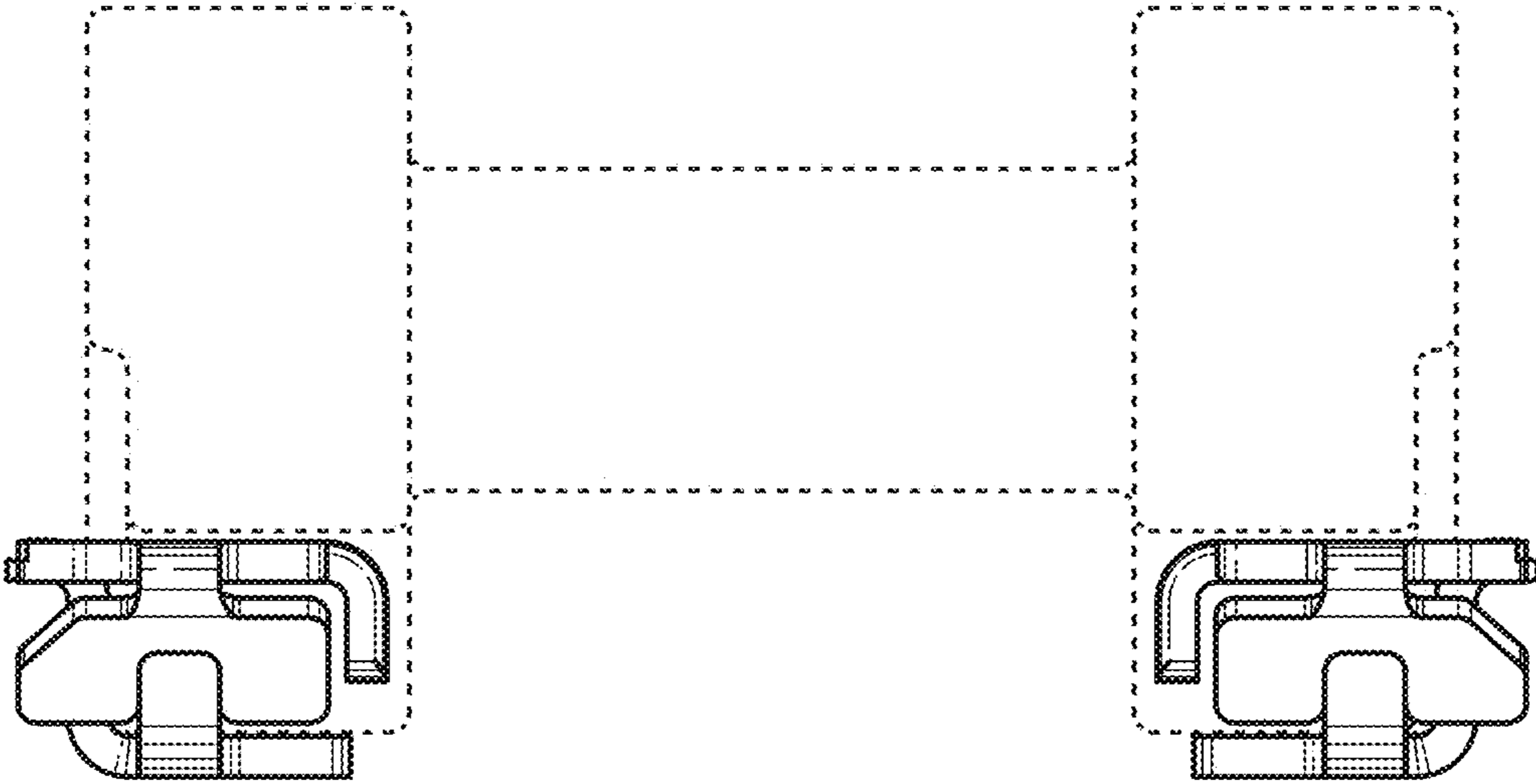


FIG. 3

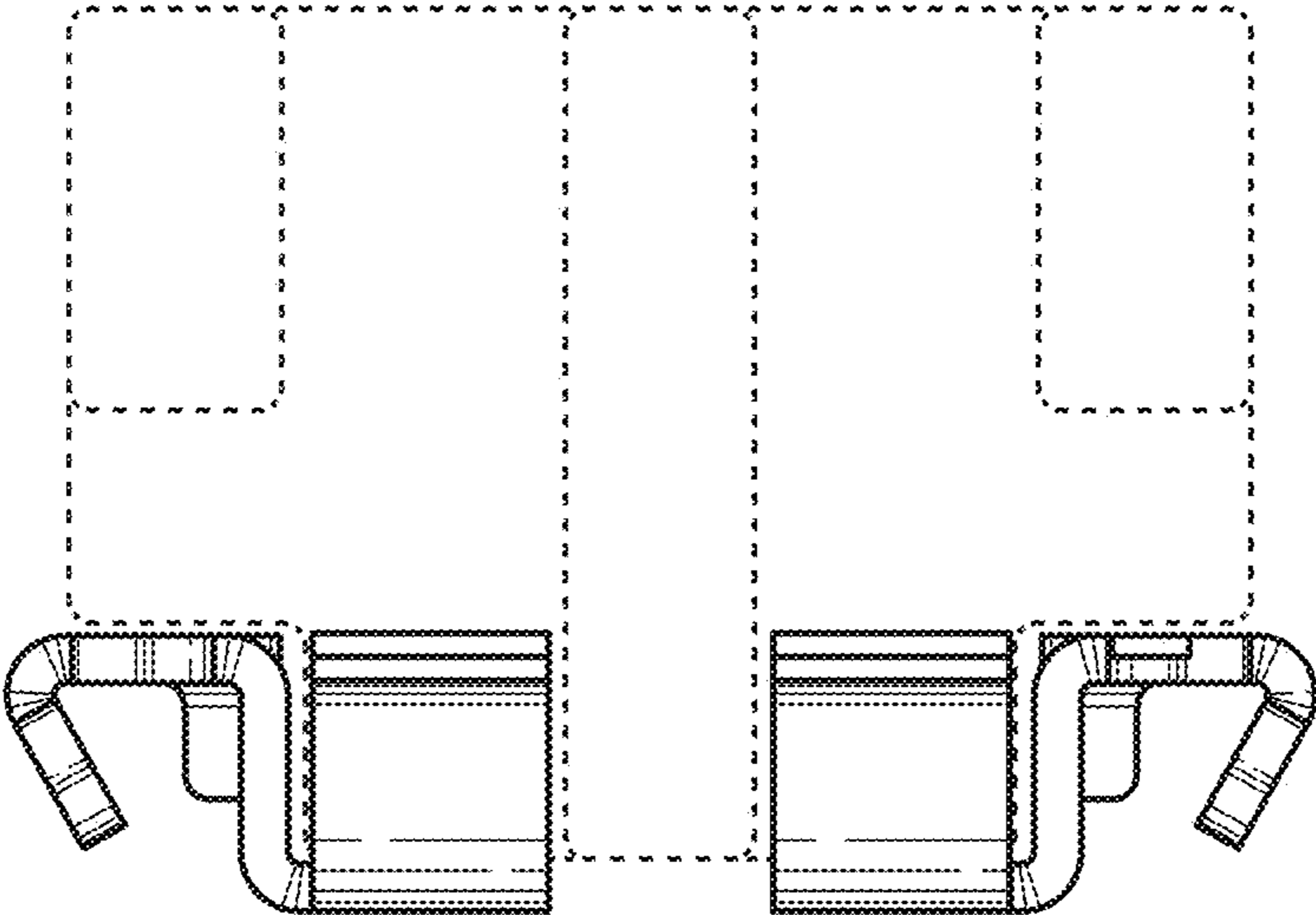


FIG. 4

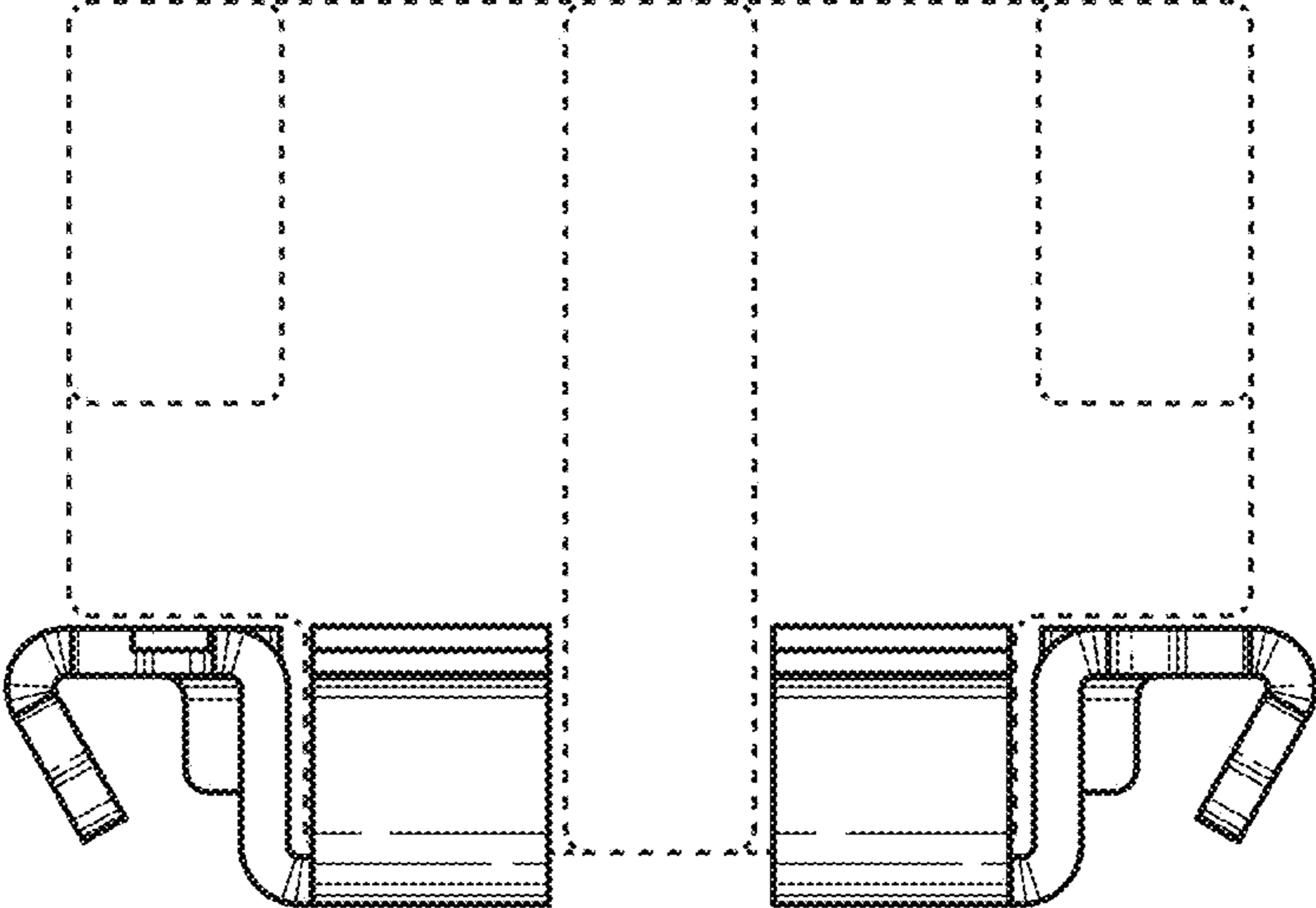


FIG. 5

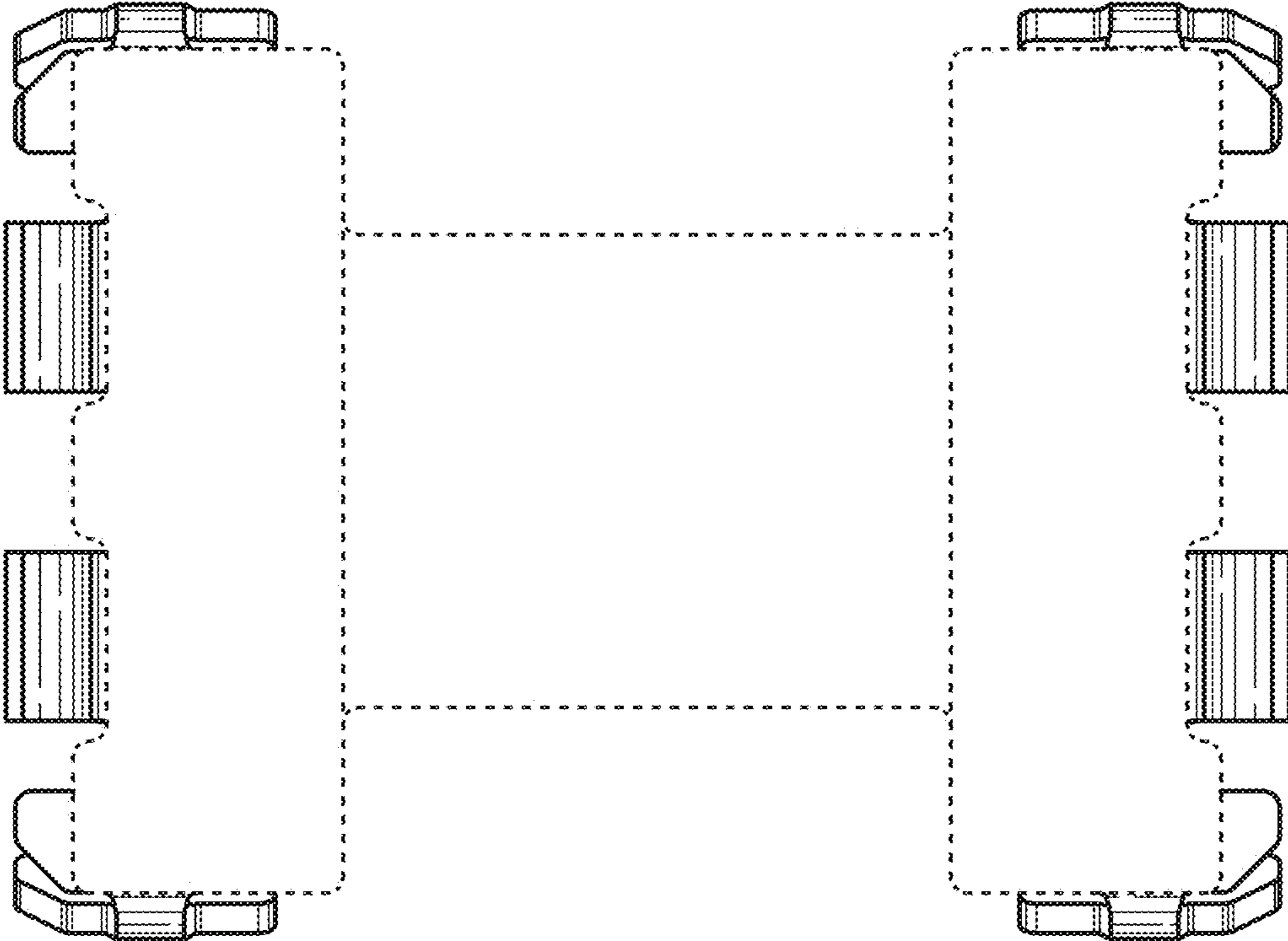


FIG. 6

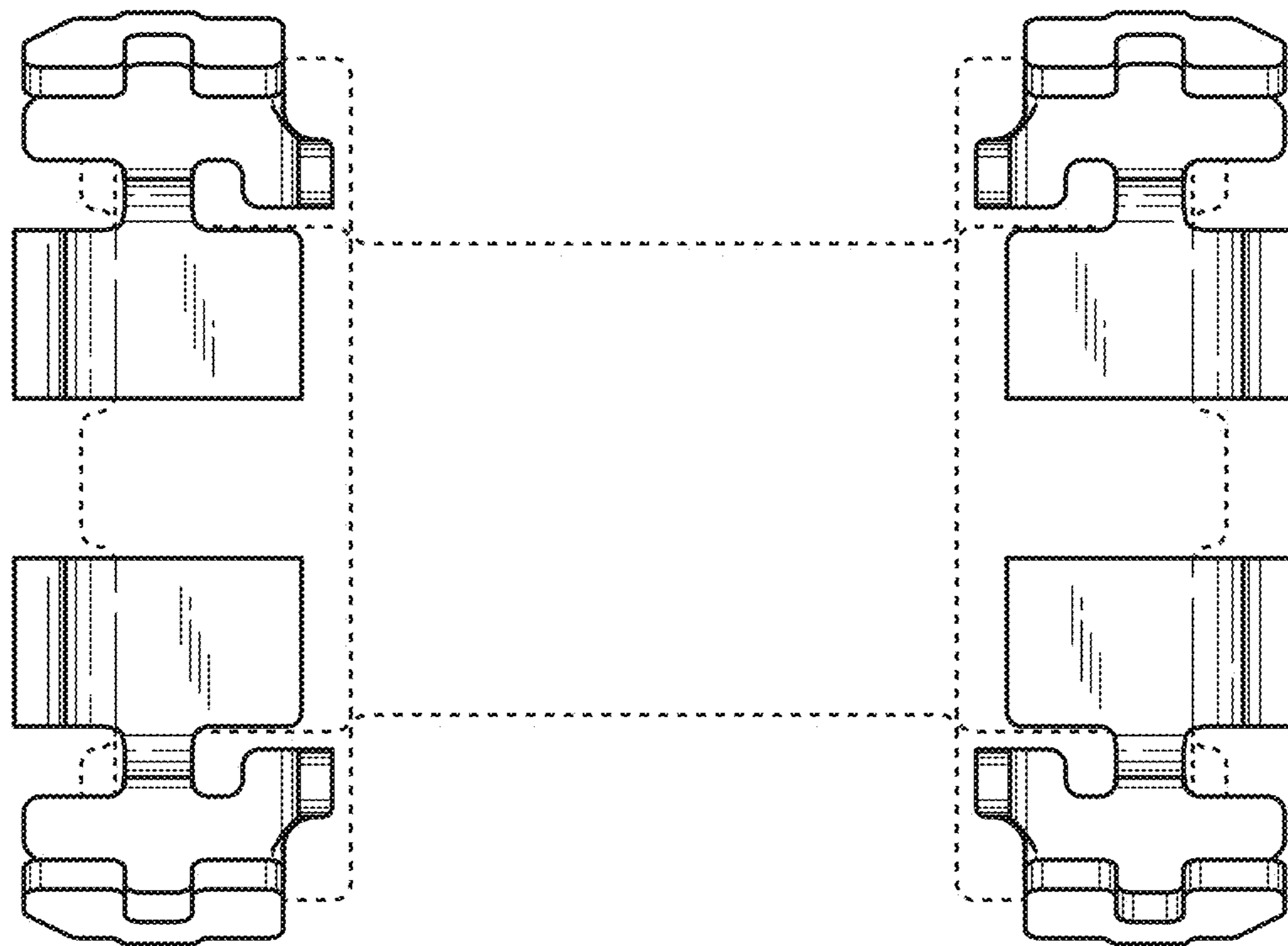


FIG. 7

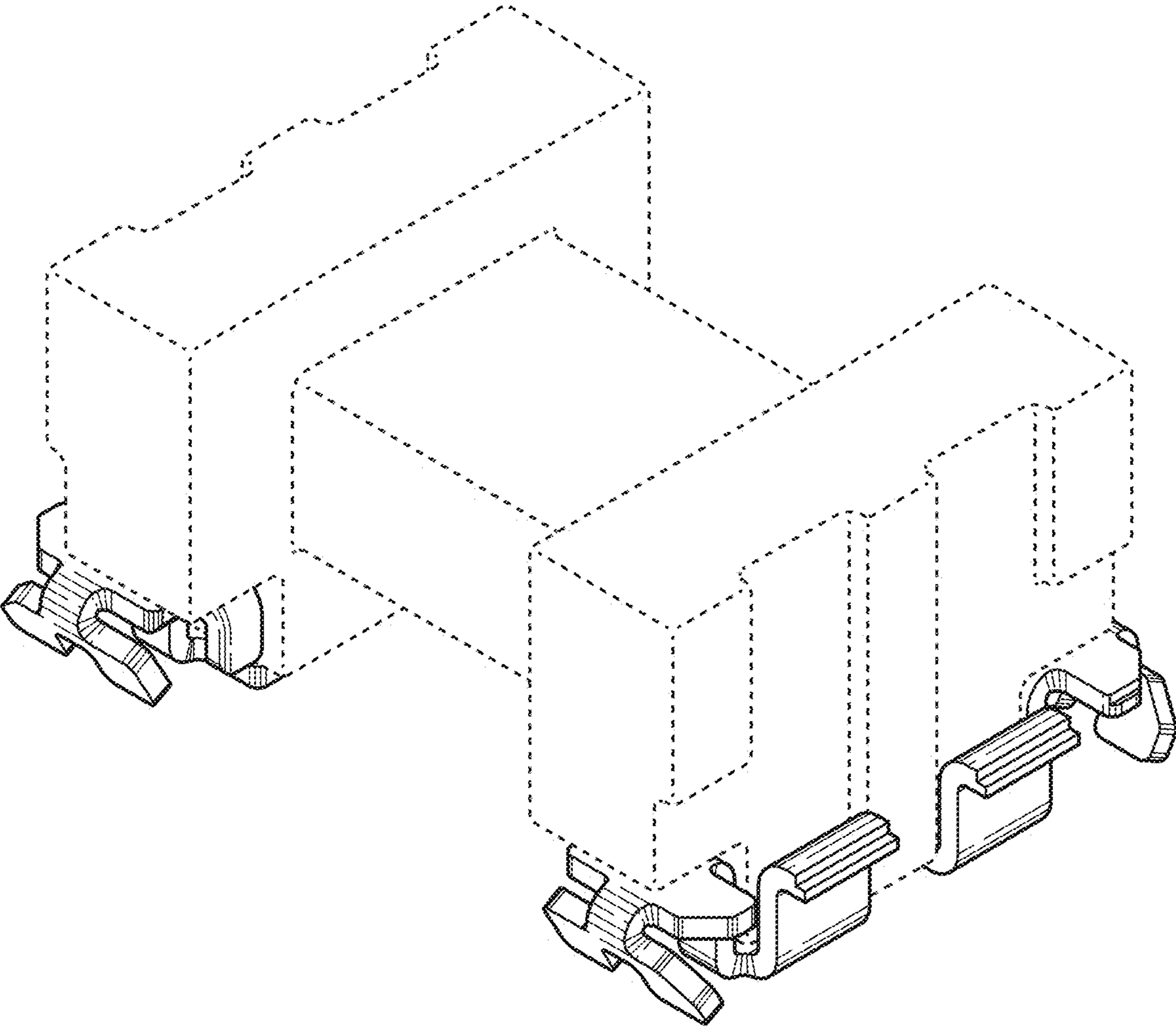


FIG. 8

