



US00D968555S

(12)

United States Design Patent

Fitzpatrick et al.

(10)

Patent No.:

US D968,555 S

(45)

Date of Patent:

** Nov. 1, 2022

(54) PORTABLE EXOSKELETON

(71) Applicant: Blu Technology, LLC, Portage, MI (US)

(72) Inventors: Pierce Q. Fitzpatrick, Saline, MI (US); Margaret A. Freel, Grand Ledge, MI (US); Timothy A. Gerber, Louisville, KY (US); Parrish F. Hanna, Bloomfield Hills, MI (US); Shabtai C. Hirshberg, Oak Park, MI (US); Hannah N. Sailer, Hastings, MI (US); John E. Sztykiel, Lansing, MI (US); Joni L. Sztykiel, Lansing, MI (US); Timothy R. Williams, Charlotte, MI (US)

(73) Assignee: Blu Technology, LLC, Portage, MI (US)

(**) Term: 15 Years

(21) Appl. No.: 29/774,213

(22) Filed: Mar. 15, 2021

(51) LOC (13) Cl. 23-01

(52) U.S. Cl. USPC D23/207

(58) Field of Classification Search USPC D23/200, 202, 207, 208, 209, 210, 365; D24/162; D7/306 CPC C02F 1/003; C02F 9/005; C02F 2201/006; C02F 2201/007; C02F 2307/10 See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D187,577 S *	3/1960	Smith	D23/207
D316,739 S *	5/1991	Erickson	D23/207
D490,496 S *	5/2004	Cook	D23/207
D525,092 S *	7/2006	Ariaz	D23/200

7,540,167 B2 *	6/2009	Murphy	B01D 5/0039 62/291
D621,903 S *	8/2010	Acernese	D23/209
D811,518 S *	2/2018	Zarraonandia	D23/206
D913,410 S *	3/2021	Casey	D23/200
11,034,568 B2 *	6/2021	Gabrieli	B67D 1/0061
D948,907 S *	4/2022	Carberry	D7/306
2011/0147194 A1 *	6/2011	Kamen	B01D 5/006 202/262

(Continued)

OTHER PUBLICATIONS

Culligan Matrix Solutions, Aug. 24, 2011, YouTube, site visited Jun. 13, 2022: <https://www.youtube.com/watch?v=o7E2SLvaP4I> (Year: 2011).*

(Continued)

Primary Examiner — Jack Reickel
Assistant Examiner — Bobby W Jones, II
(74) Attorney, Agent, or Firm — Gardner, Linn, Burkhardt & Ondersma LLP

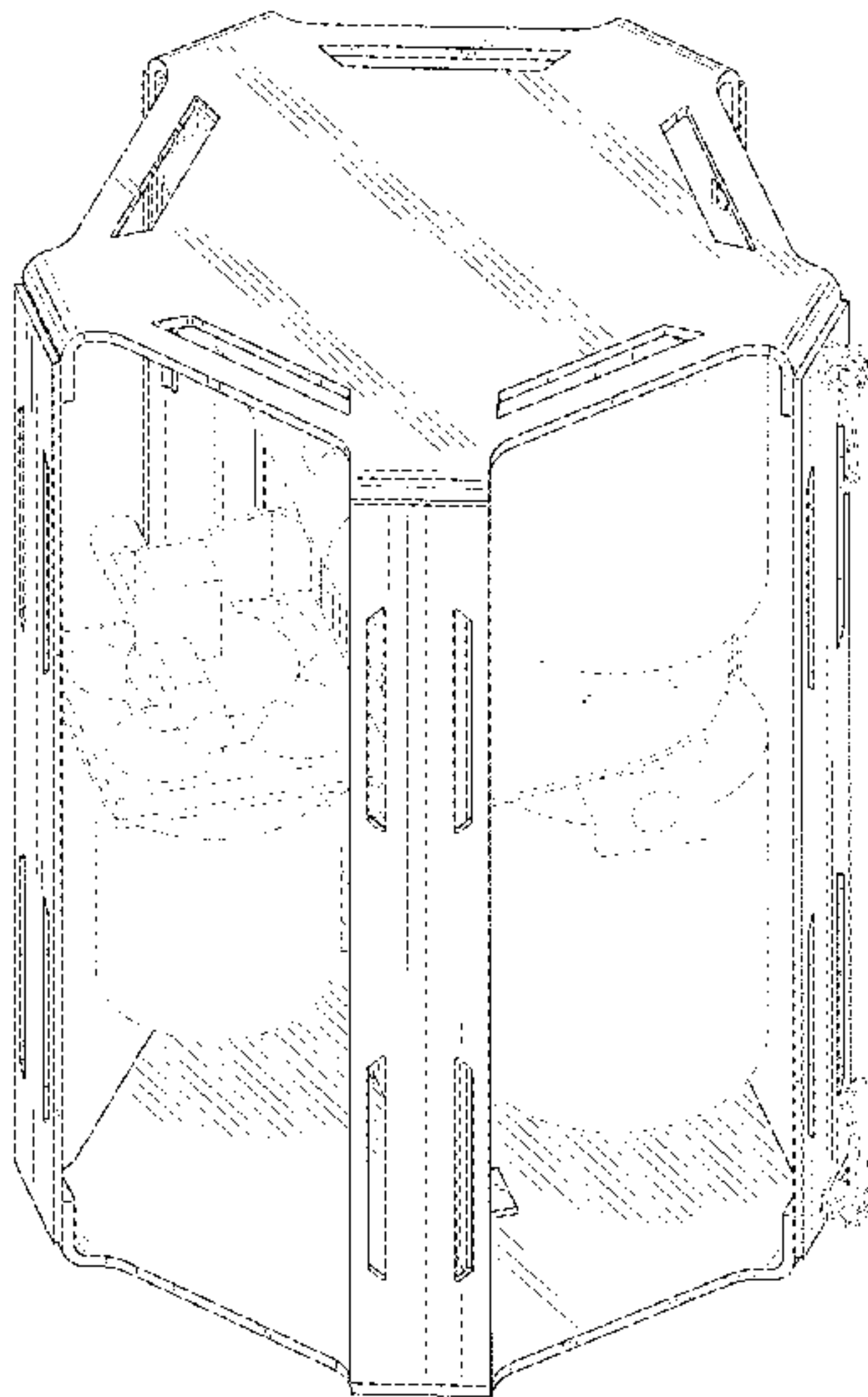
(57) CLAIM

The ornamental design for a portable exoskeleton, as shown and described.

DESCRIPTION

FIG. 1 is a top, right perspective view of a portable exoskeleton embodying the new design;
FIG. 2 is a top, rear perspective view thereof;
FIG. 3 is a bottom, right perspective view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a right view thereof;
FIG. 7 is a left view thereof;
FIG. 8 is a top view thereof; and,
FIG. 9 is a bottom view thereof.
FIGS. 1-9 show portion of the portable exoskeleton treatment device in broken lines. The broken line portions form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2018/0008915 A1* 1/2018 Chernov B01D 35/30
2021/0347663 A1* 11/2021 Qin C02F 1/325

OTHER PUBLICATIONS

Portable RO water purification system, Jun. 27, 2017, YouTube, site
visited Jun. 13, 2022: <https://www.youtube.com/watch?v=8nysDweMPF0> (Year: 2017).*

* cited by examiner

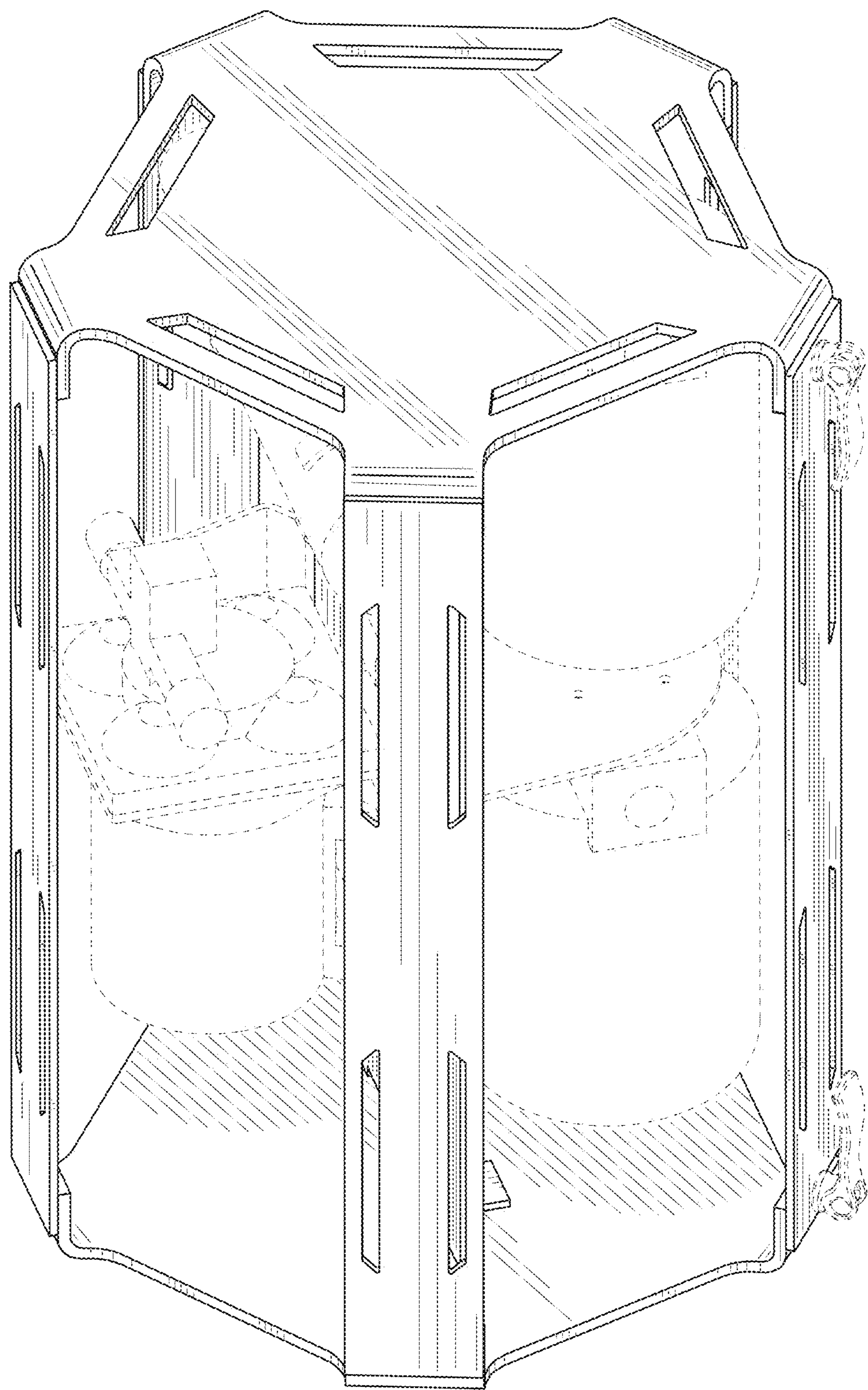


Fig. 1

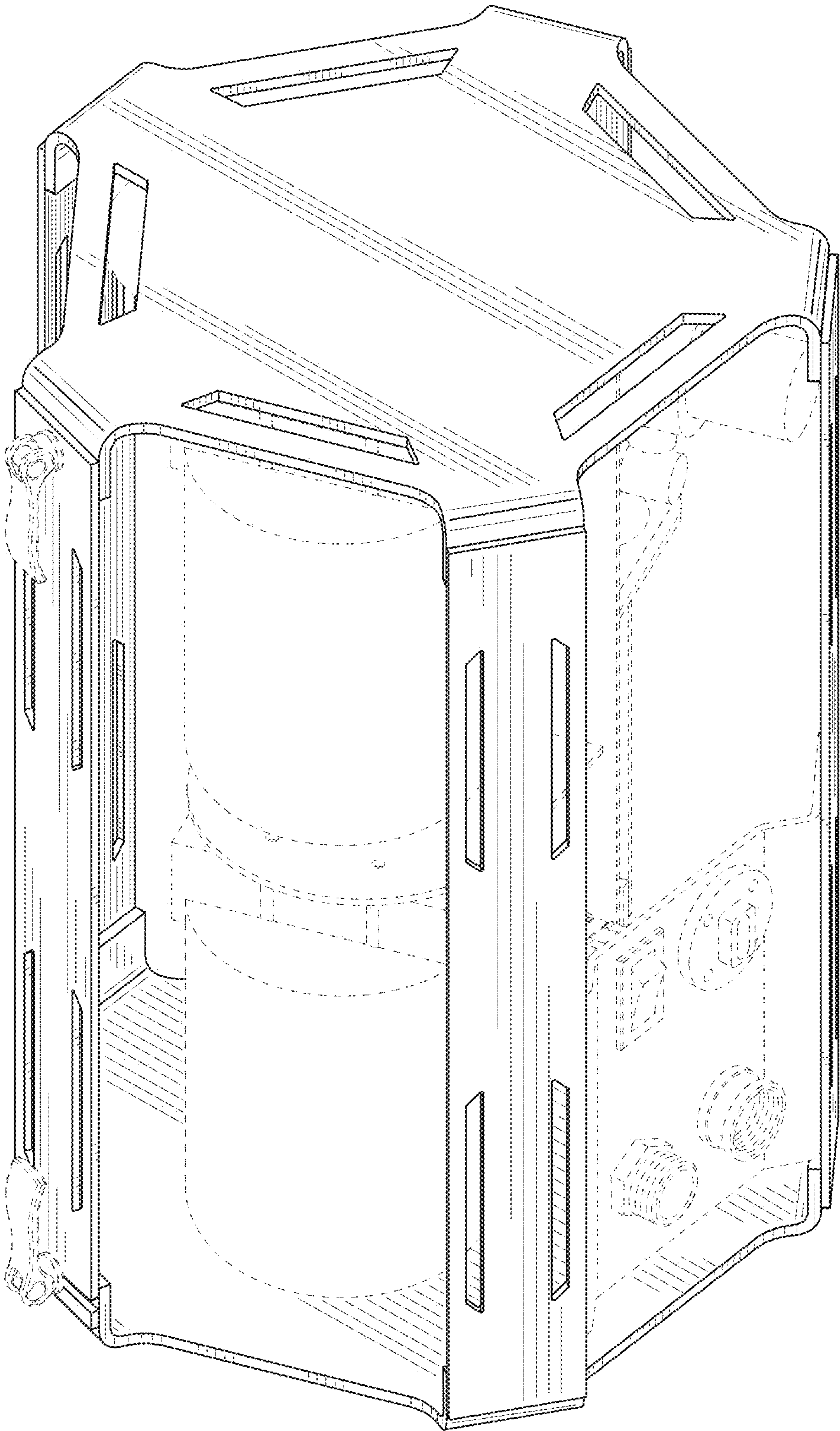


Fig. 2

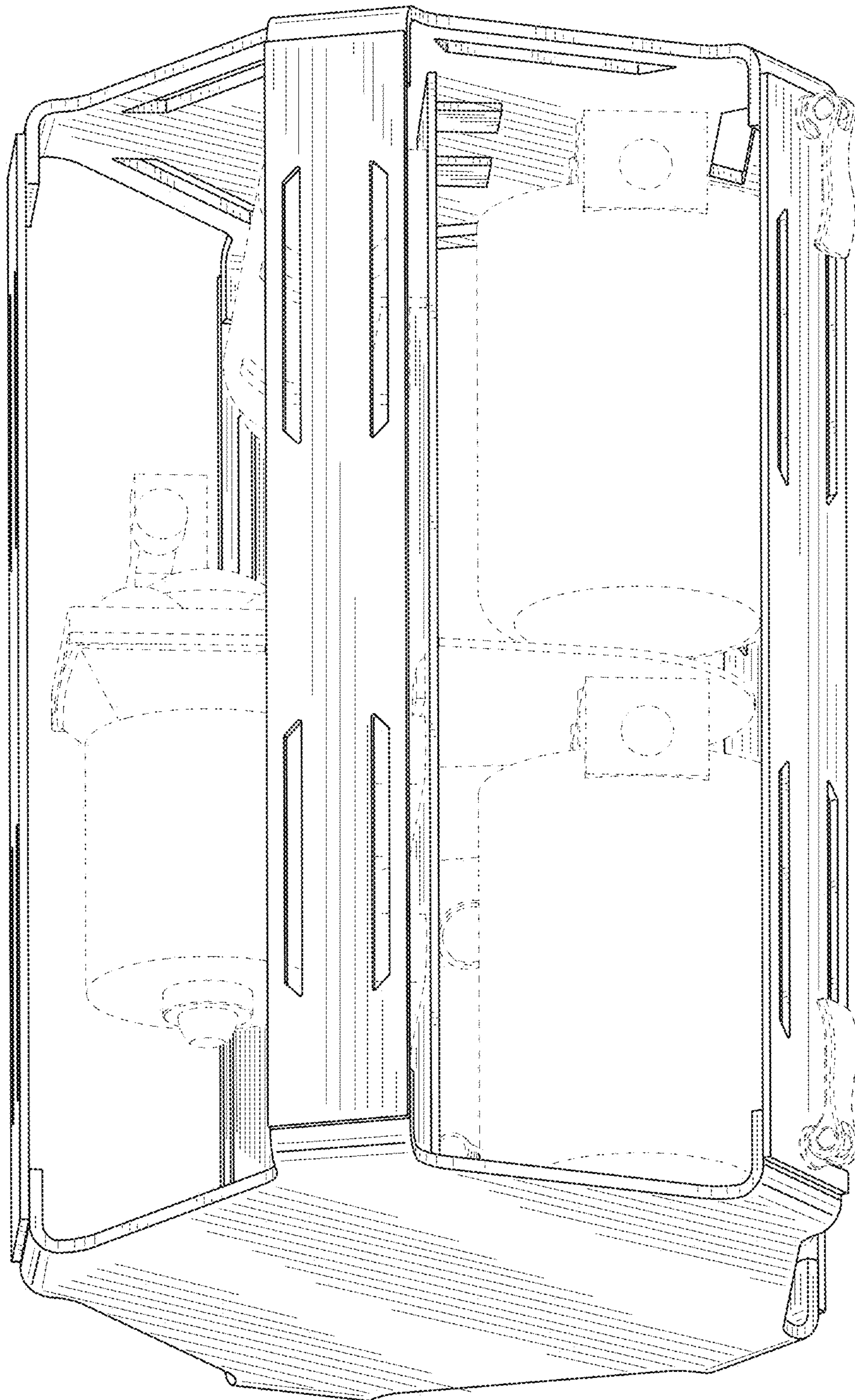


Fig. 3

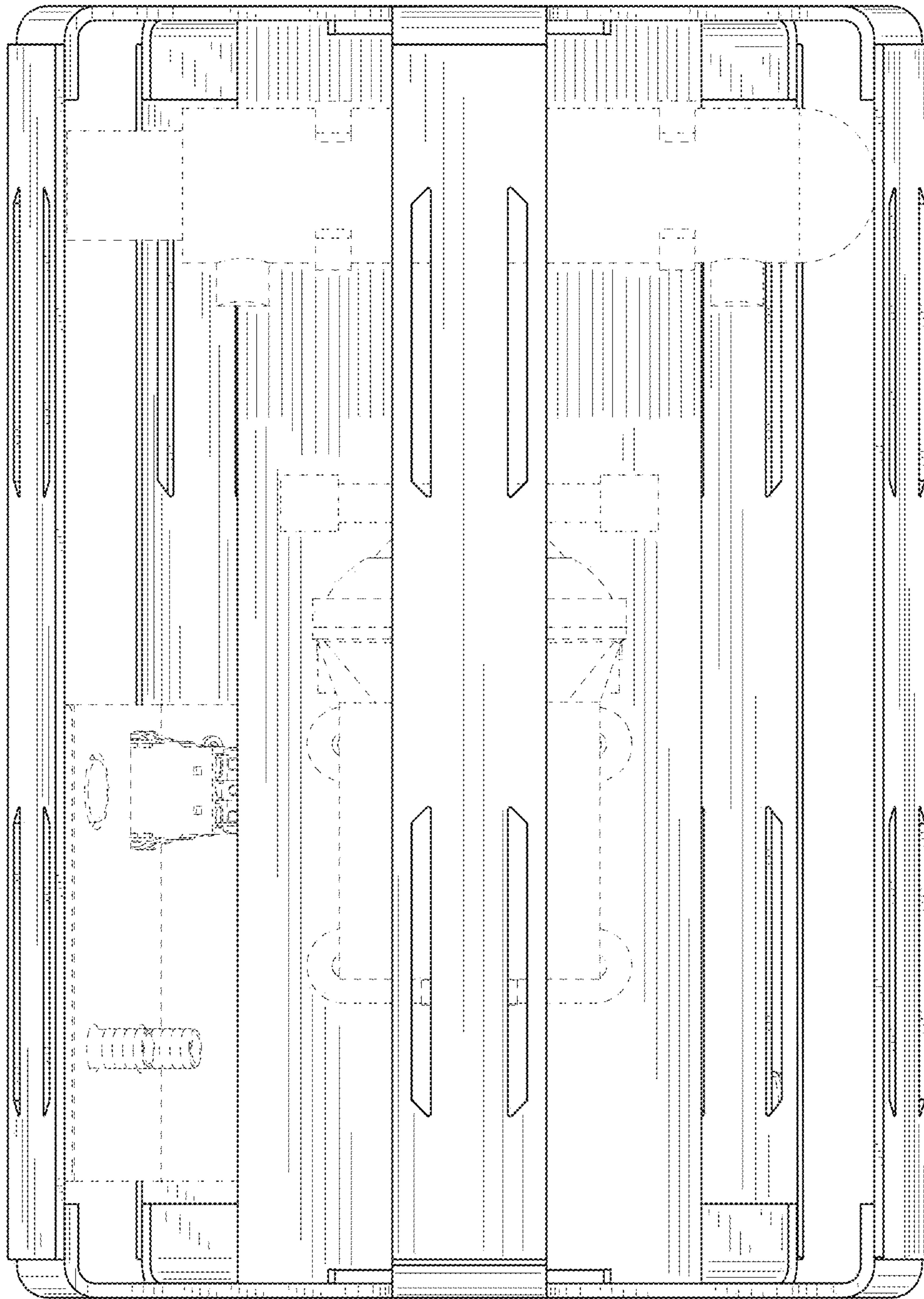


Fig. 4

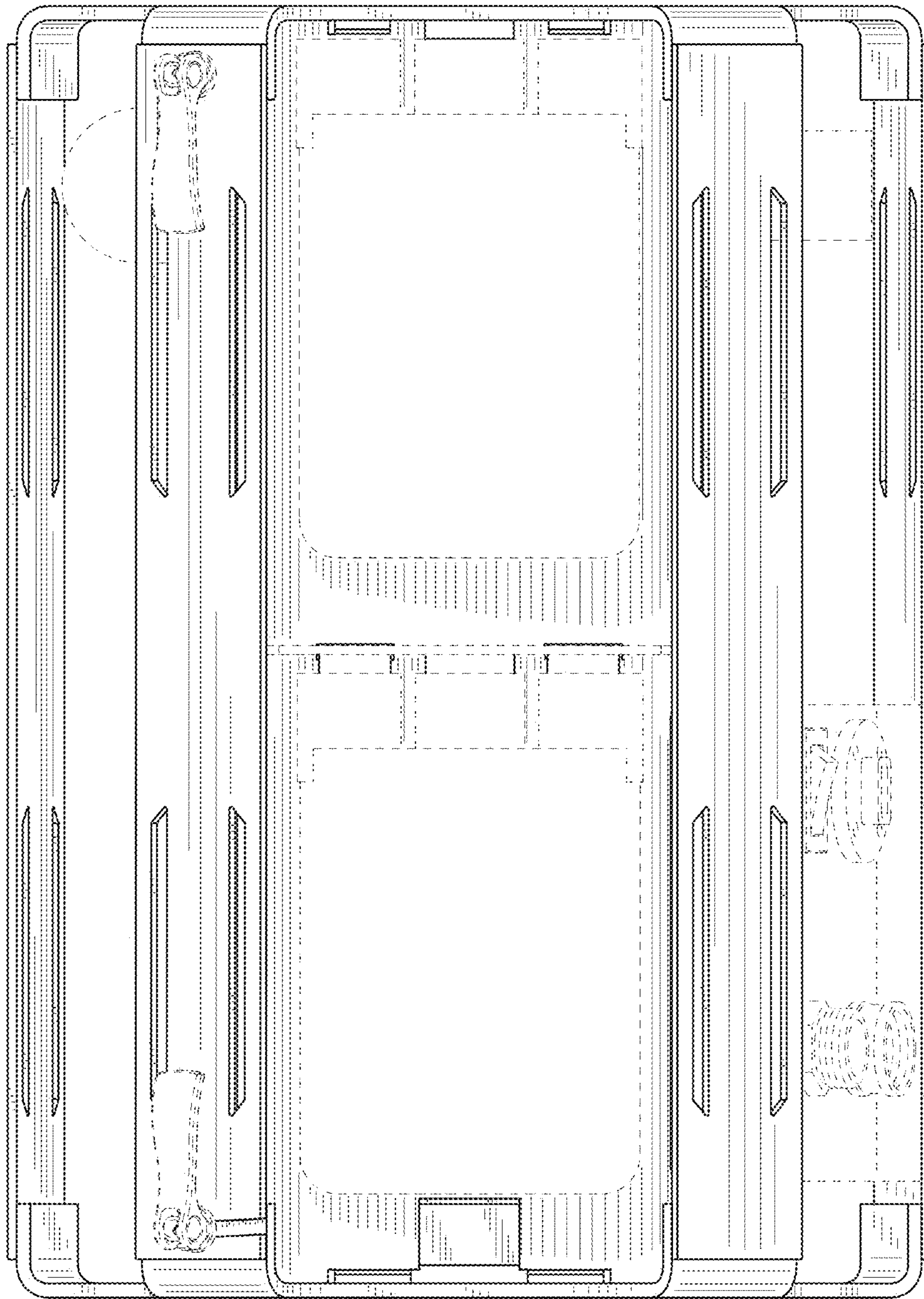


Fig. 5

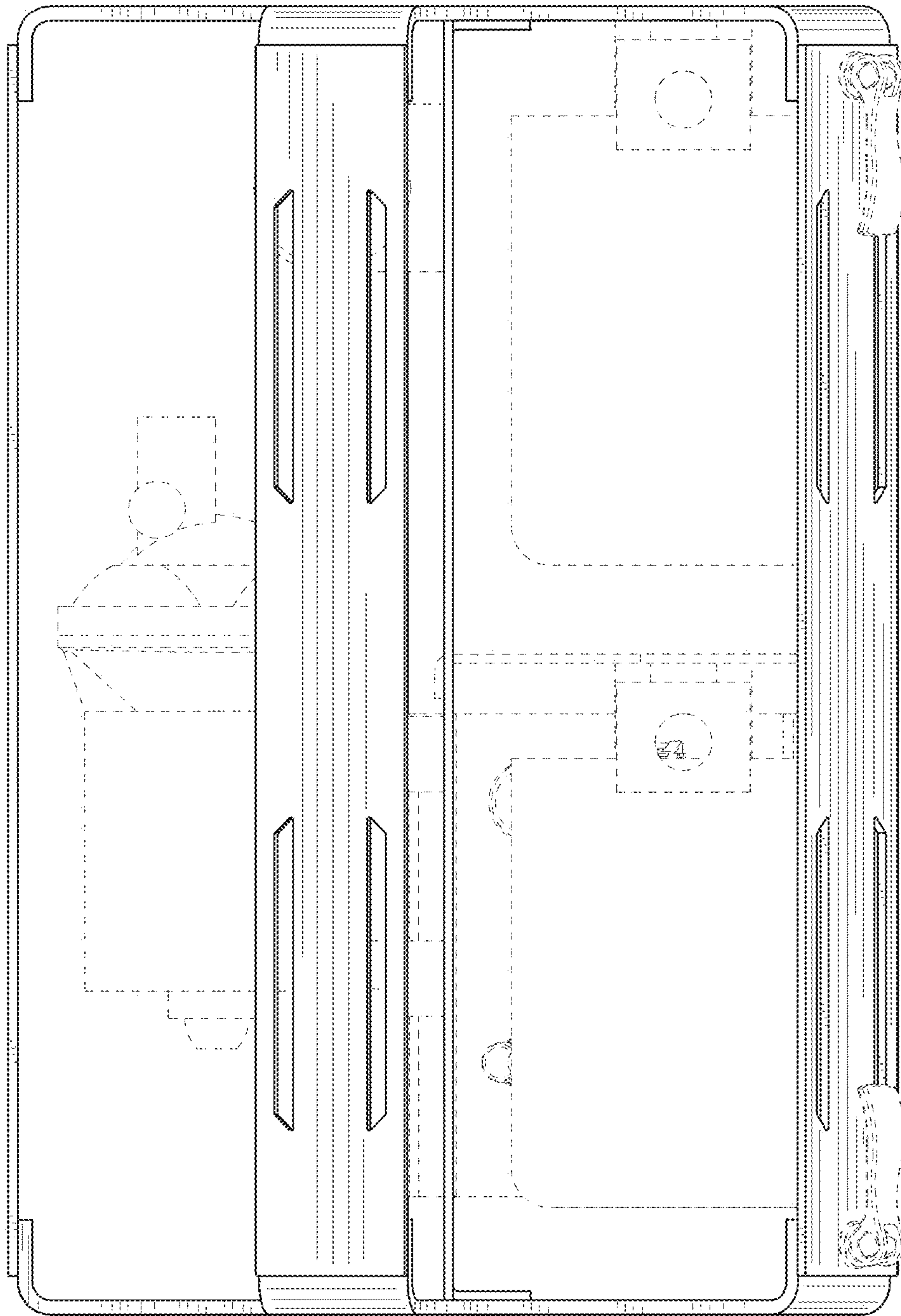


Fig. 6

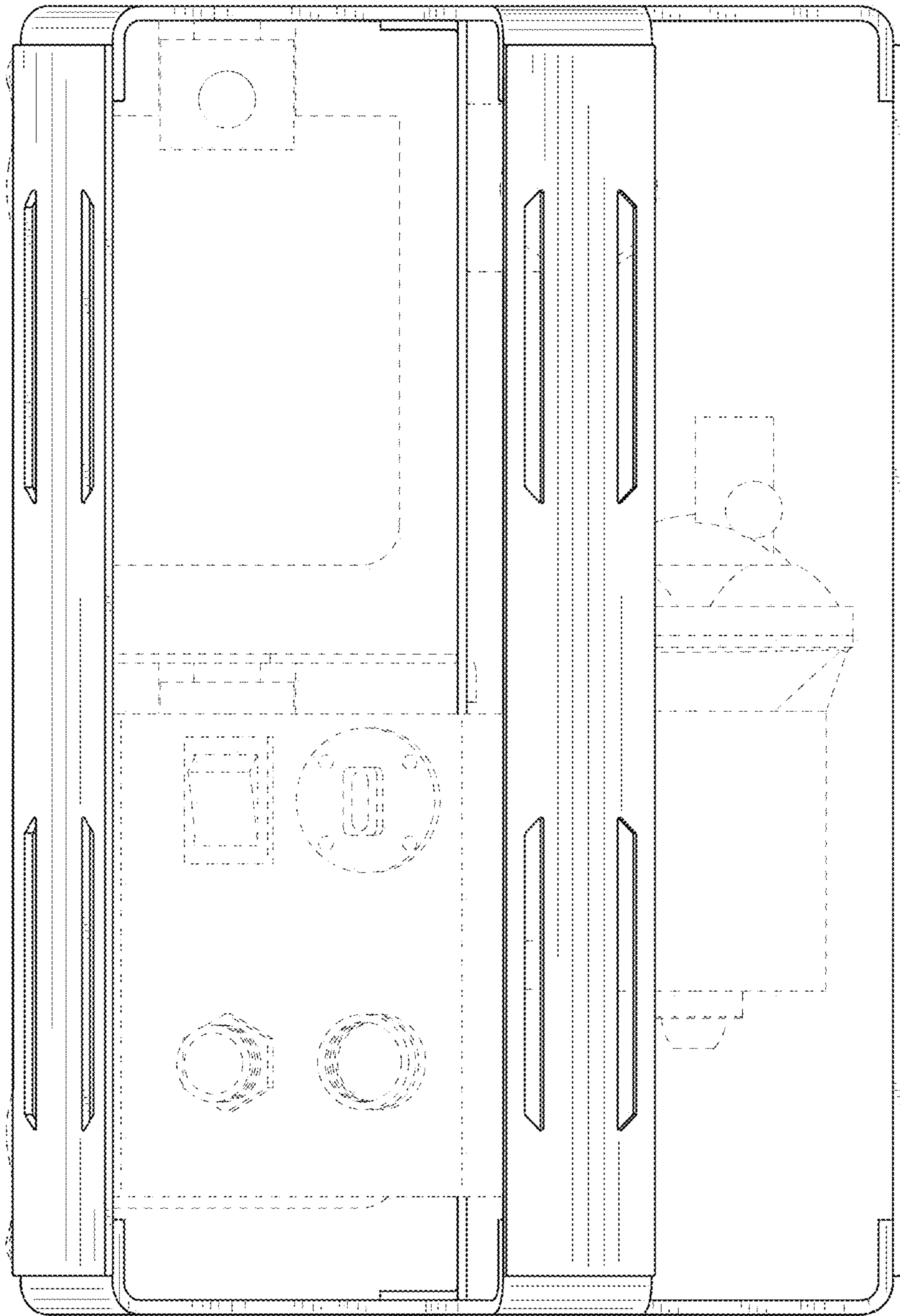


Fig. 7

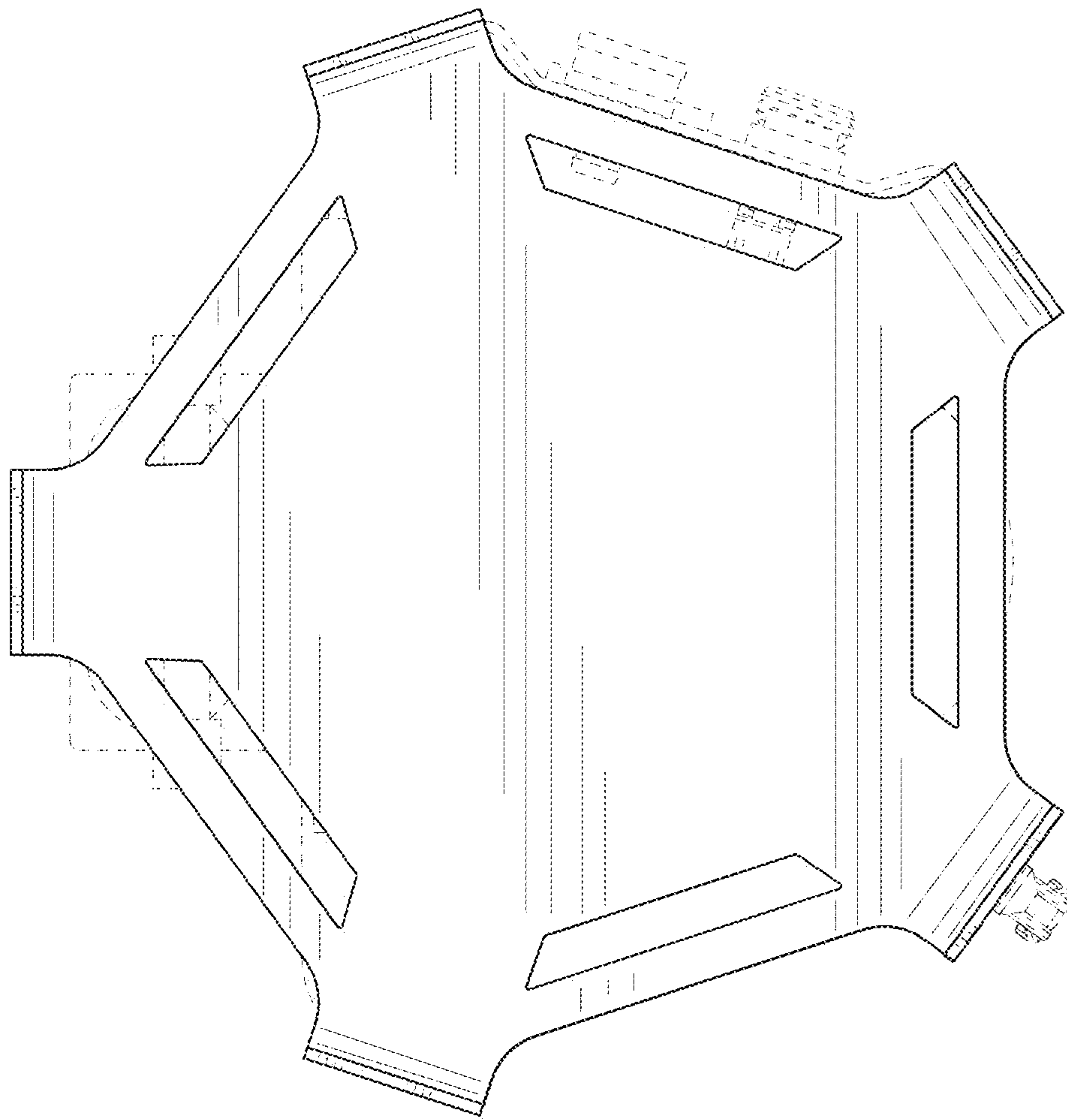


Fig. 8

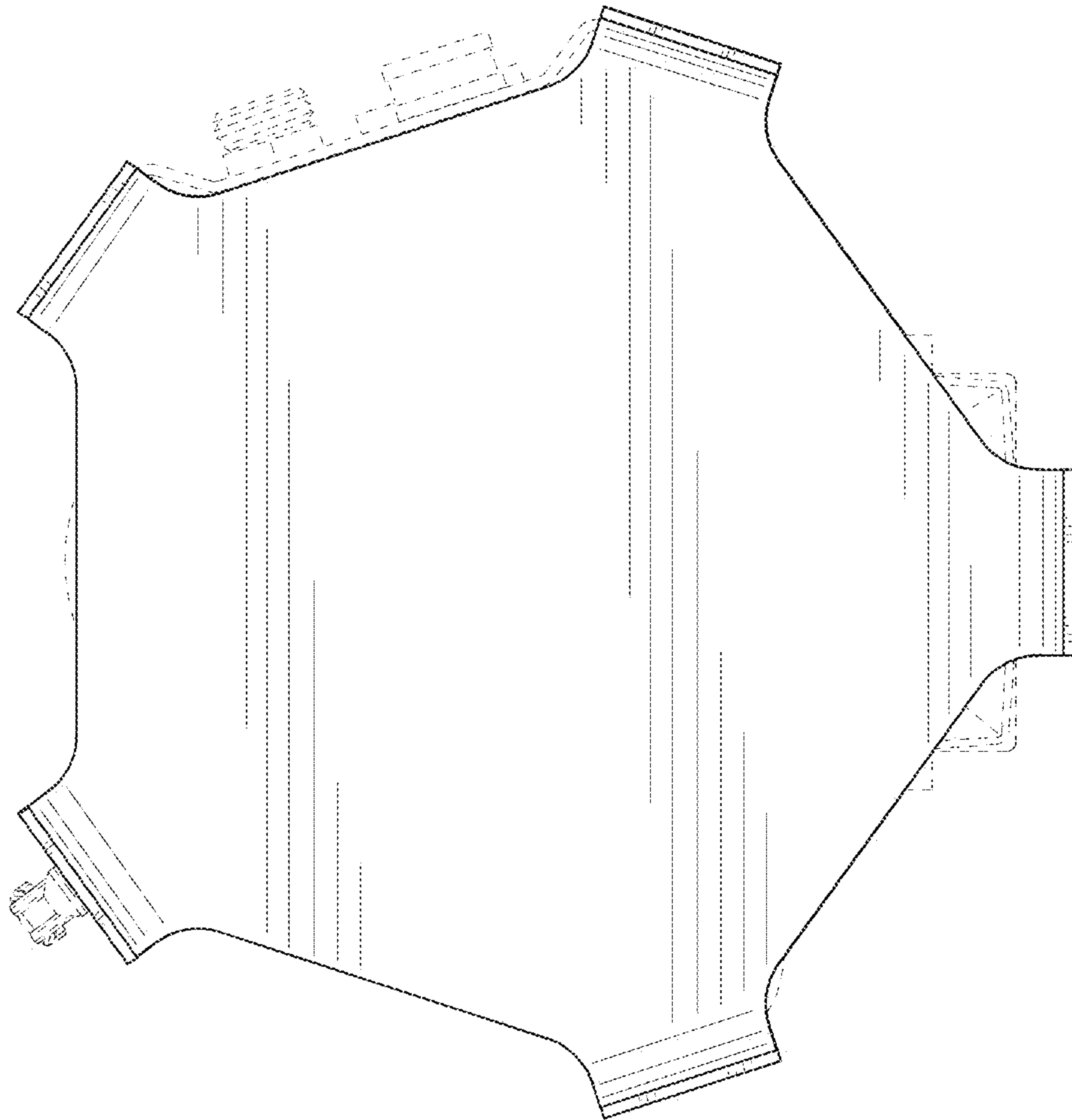


Fig. 9