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

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(45) **Date of Patent:** **\*\* Jun. 2, 2020**

(54) **CABLE MANAGEMENT SYSTEM**

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

(21) Appl. No.: **29/627,092**

(22) Filed: **Nov. 22, 2017**

(51) **LOC (12) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/155**

(58) **Field of Classification Search**  
USPC ..... D13/155, 151, 153, 154, 156, 157, 184,  
D13/199; D8/349, 354, 356, 394  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,906,598 A 5/1999 Giesler et al.  
5,919,154 A 7/1999 Toavs et al.  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 102640027 A 8/2012  
CN 102762068 A 10/2012  
(Continued)

**OTHER PUBLICATIONS**

Zhang, W. et al., "An Ornamental Design for a Cable Management System," U.S. Appl. No. 29/627,100, filed Nov. 22, 2017, 17 pages.  
(Continued)

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(57) **CLAIM**

The ornamental design for a cable management system, as shown and described.

**DESCRIPTION**

FIG. 1 is a back perspective view of a cable management system according to an embodiment of the present invention.

FIG. 2 is a front view of the cable management system of FIG. 1.

FIG. 3 is a back view of the cable management system of FIG. 1.

FIG. 4 is a left side view of the cable management system of FIG. 1.

FIG. 5 is a right side view of the cable management system of FIG. 1.

FIG. 6 is a top view of the cable management system of FIG. 1.

FIG. 7 is a bottom view of the cable management system of FIG. 1.

FIG. 8 is a back perspective view of a cable management system according to a second embodiment of the present invention, without cylinders in the environment.

FIG. 9 is a front view of the cable management system of FIG. 8.

FIG. 10 is a back view of the cable management system of FIG. 8.

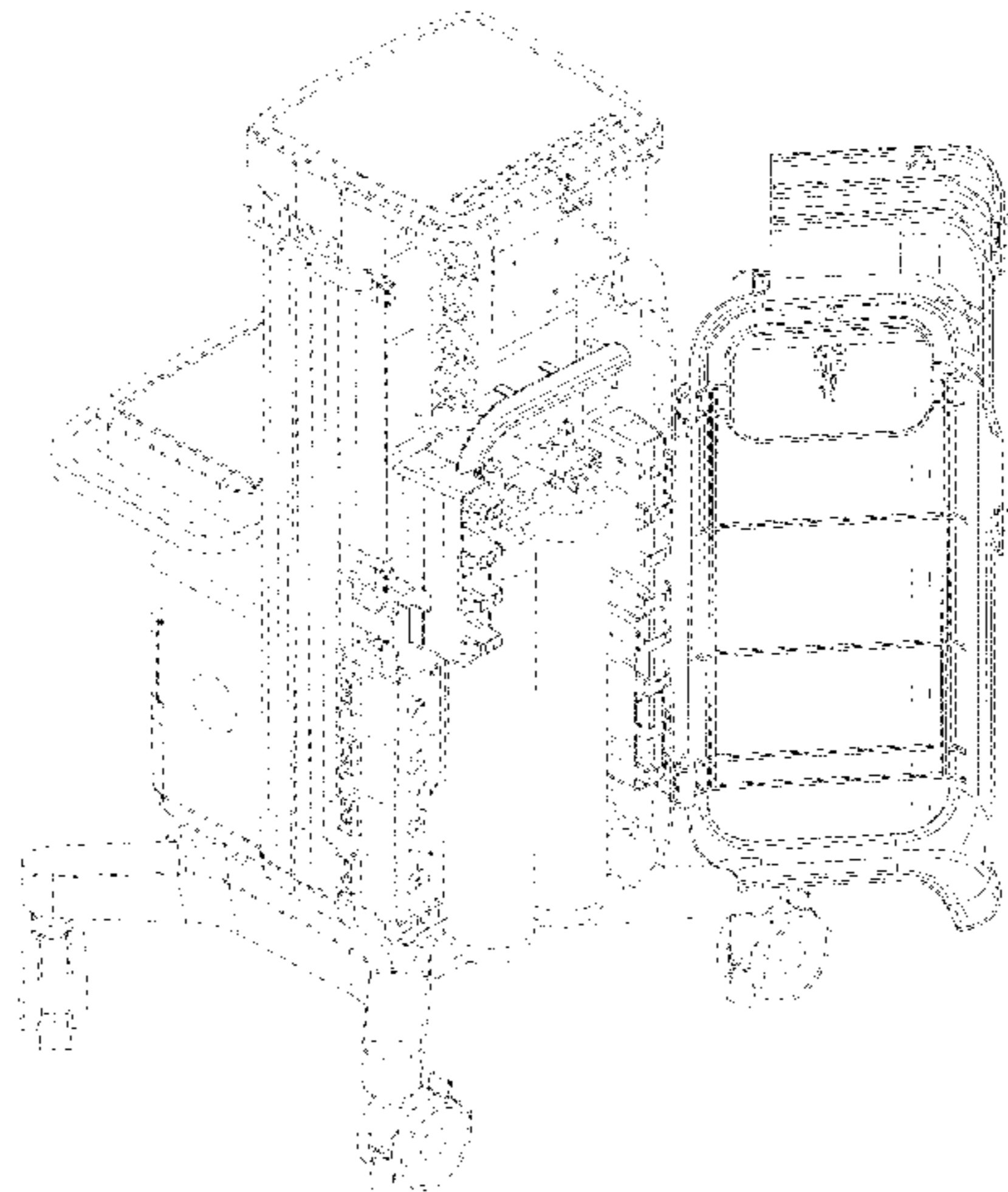
FIG. 11 is a left side view of the cable management system of FIG. 8.

FIG. 12 is a right side view of the cable management system of FIG. 8.

FIG. 13 is a top view of the cable management system of FIG. 8; and,

FIG. 14 is a bottom view of the cable management system of FIG. 8.

(Continued)



The broken lines in FIGS. 1-14 are included for the purpose of illustrating environmental structure and form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**

**(58) Field of Classification Search**

CPC ..... H02G 3/045; H02G 3/0487; H02G 3/26;  
H02G 5/06

See application file for complete search history.

**(56) References Cited**

U.S. PATENT DOCUMENTS

6,035,517	A	3/2000	Moore et al.	
D425,493	S *	5/2000	Cutright .....	D13/184
D515,046	S *	2/2006	Kaprelian .....	D13/184
6,999,305	B1 *	2/2006	Calcote .....	H02B 1/01 174/50
D539,228	S *	3/2007	Toikka .....	D13/155
7,285,027	B2 *	10/2007	McGrath .....	H02G 3/0406 439/719
D562,234	S *	2/2008	Morihara .....	D13/110
D611,326	S *	3/2010	Alaniz .....	D13/155
D634,720	S *	3/2011	Cheng .....	D13/184
7,973,242	B2 *	7/2011	Jones .....	H04Q 1/06 174/100

D646,239	S *	10/2011	Chandler, Jr. ....	D13/184
D709,449	S *	7/2014	Oba .....	D13/110
8,966,821	B2 *	3/2015	Walker .....	E05D 7/1061 49/382
D730,305	S *	5/2015	Brunn .....	D13/184
D735,868	S	8/2015	Mareguddi et al.	
D831,569	S *	10/2018	Simoni .....	D13/110
D836,781	S	12/2018	Meurer et al.	
D840,335	S *	2/2019	Gleave .....	D13/110
D852,962	S	7/2019	Chang	
2008/0099635	A1	5/2008	Laursen	

FOREIGN PATENT DOCUMENTS

CN	106972431	A	7/2017
CN	107249277	A	10/2017

OTHER PUBLICATIONS

Rindy, R. et al., "An Ornamental Design for a Cable Management Unit," U.S. Appl. No. 29/627,115, filed Nov. 22, 2017, 10 pages.  
ISA State Intellectual Property Office of the People's Republic of China, International Search Report and Written Opinion Issued in Application No. PCT/CN2017/112264, dated Jul. 31, 2018, WIPO, 9 pages.  
United States Patent and Trademark Office, Office Action Issued in U.S. Appl. No. 29/627,100, dated Sep. 6, 2019, 18 pages.

\* cited by examiner

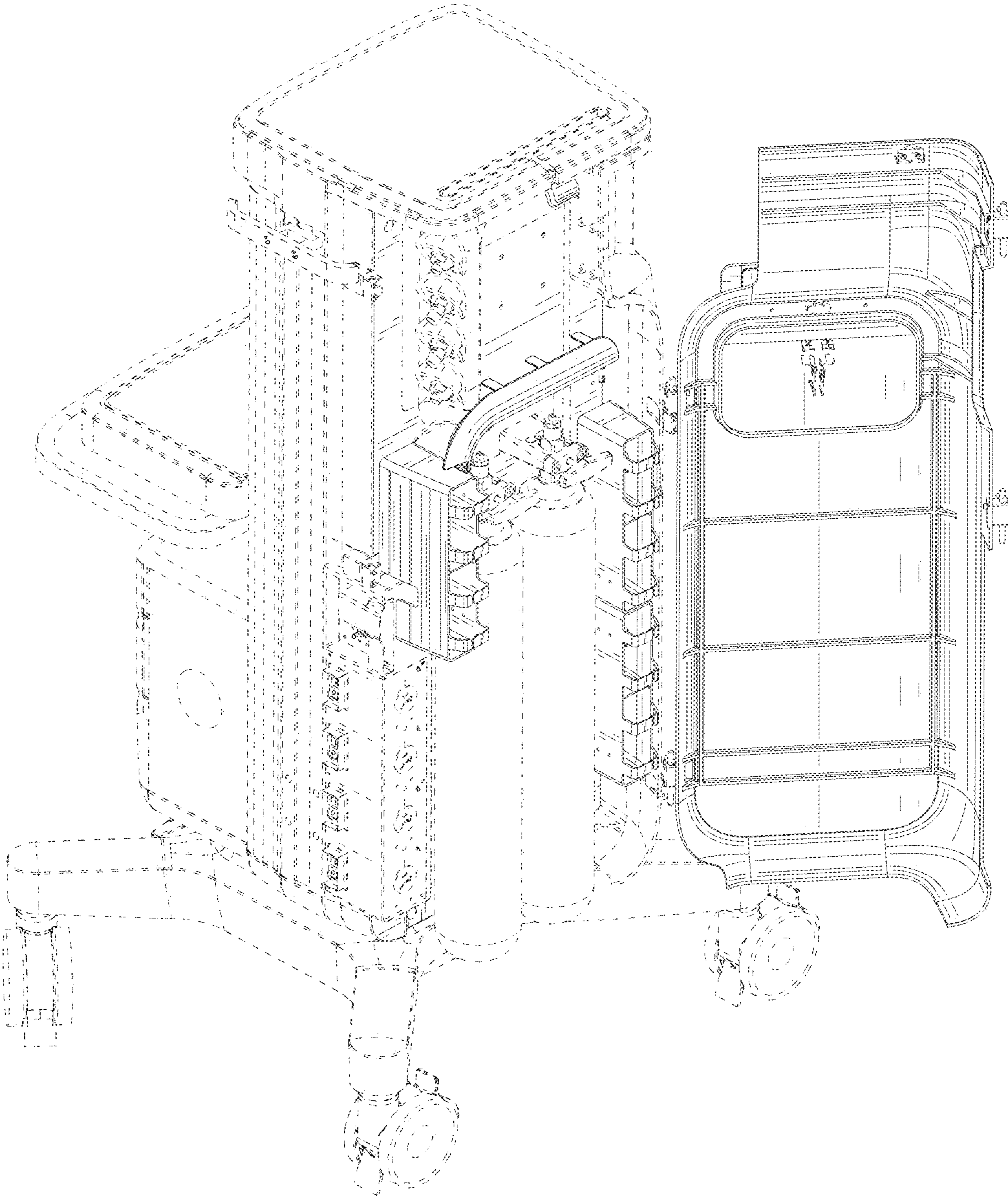


FIG. 1

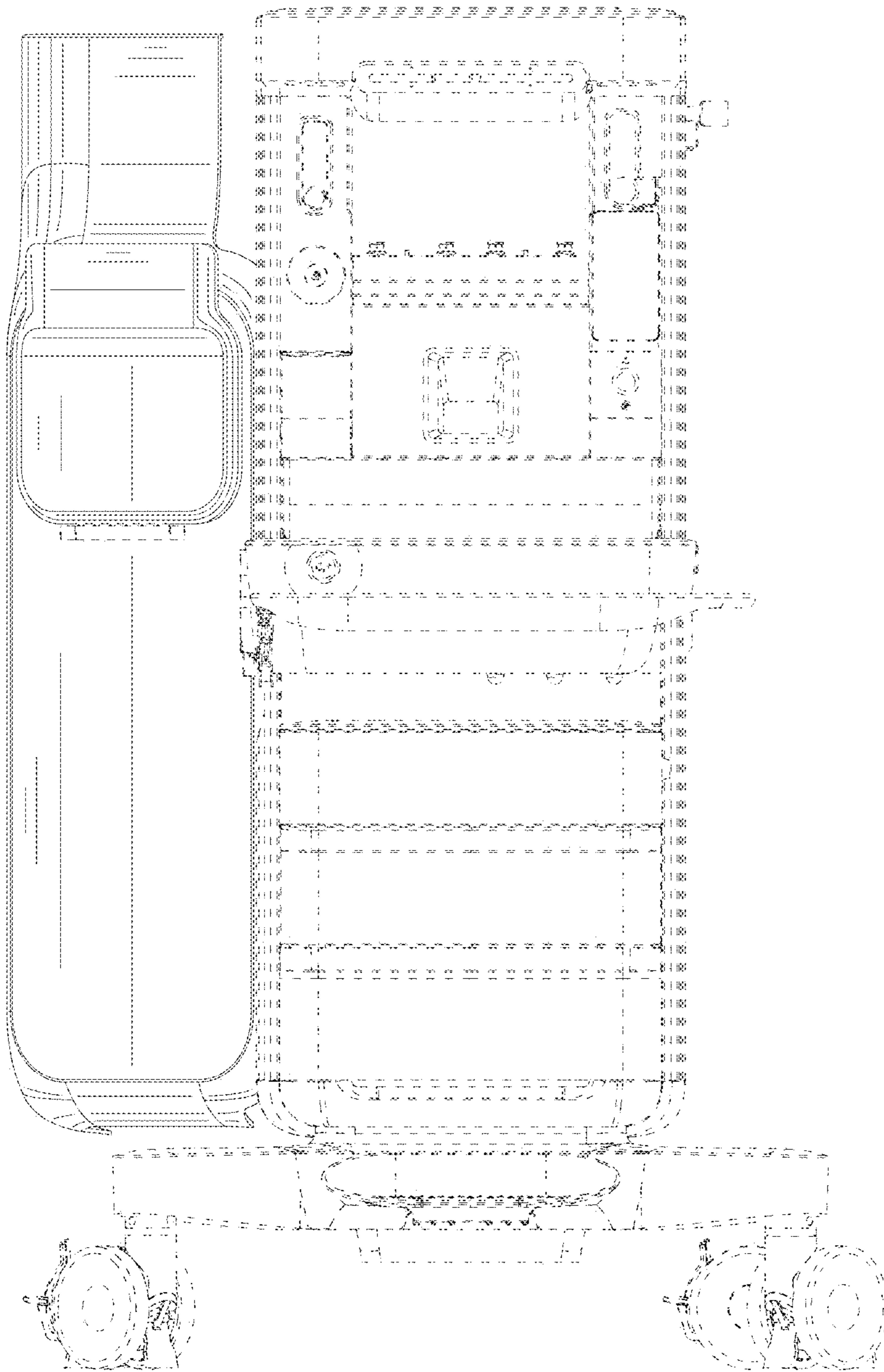


FIG. 2

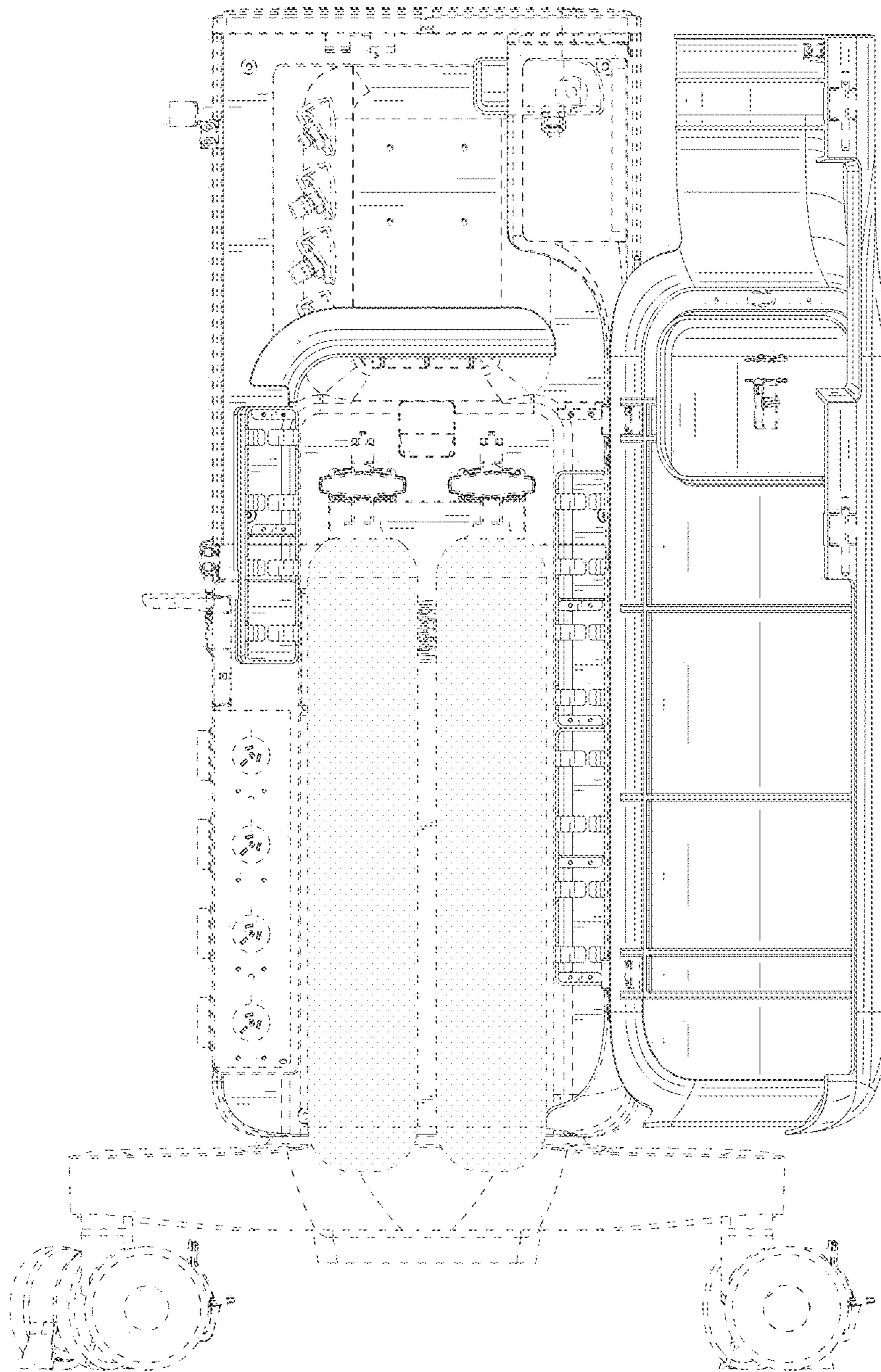


FIG. 3

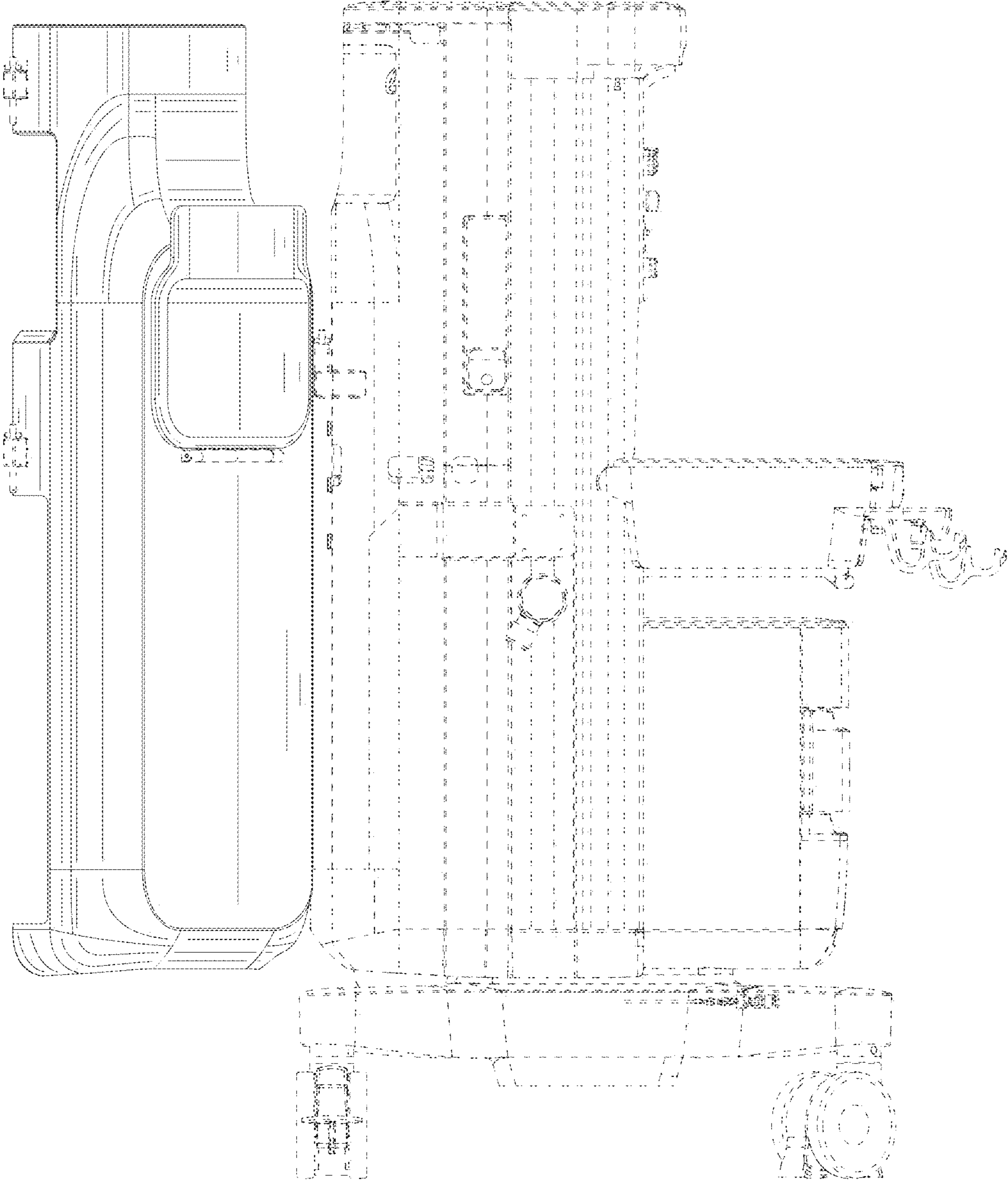


FIG. 4

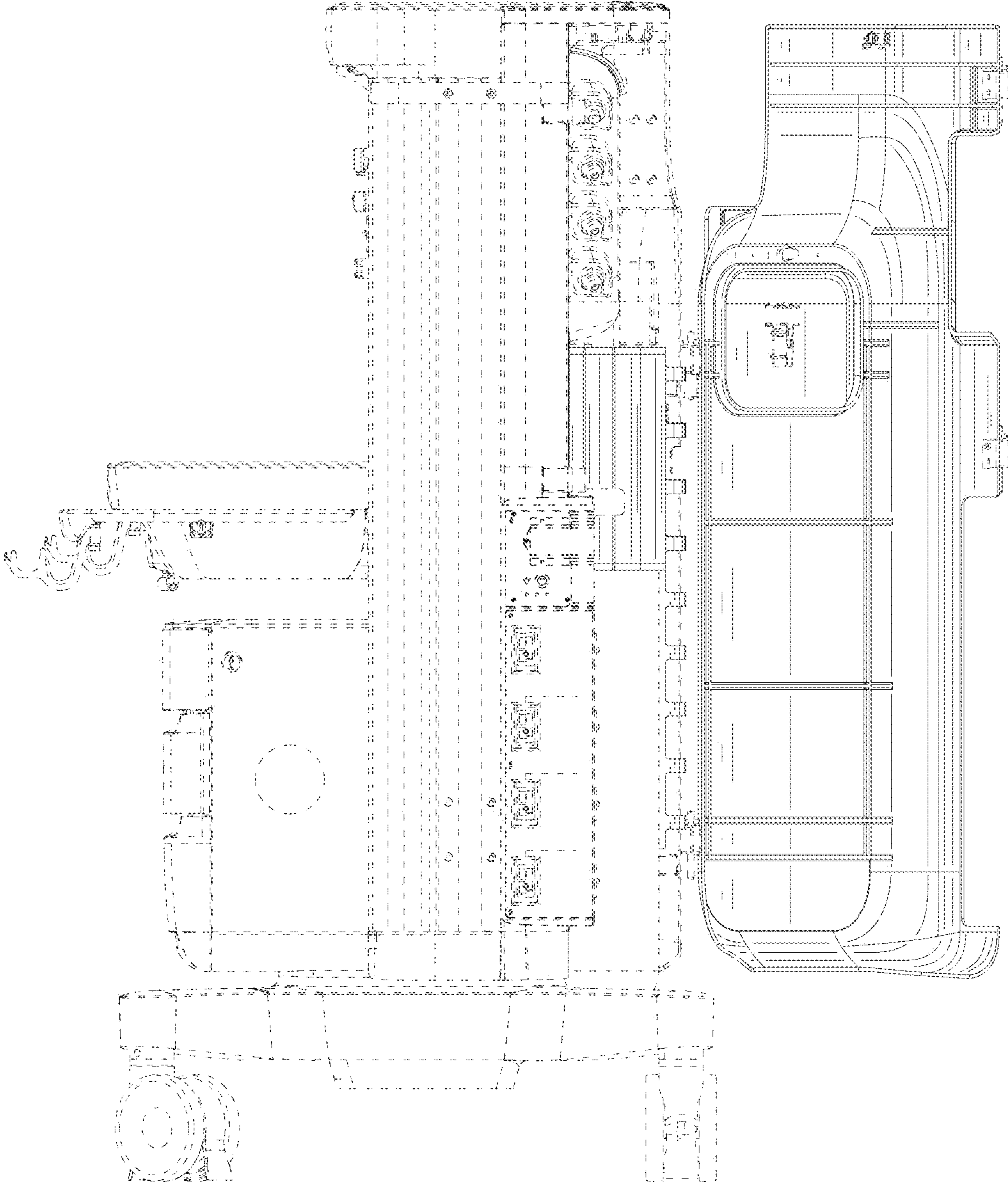


FIG. 5

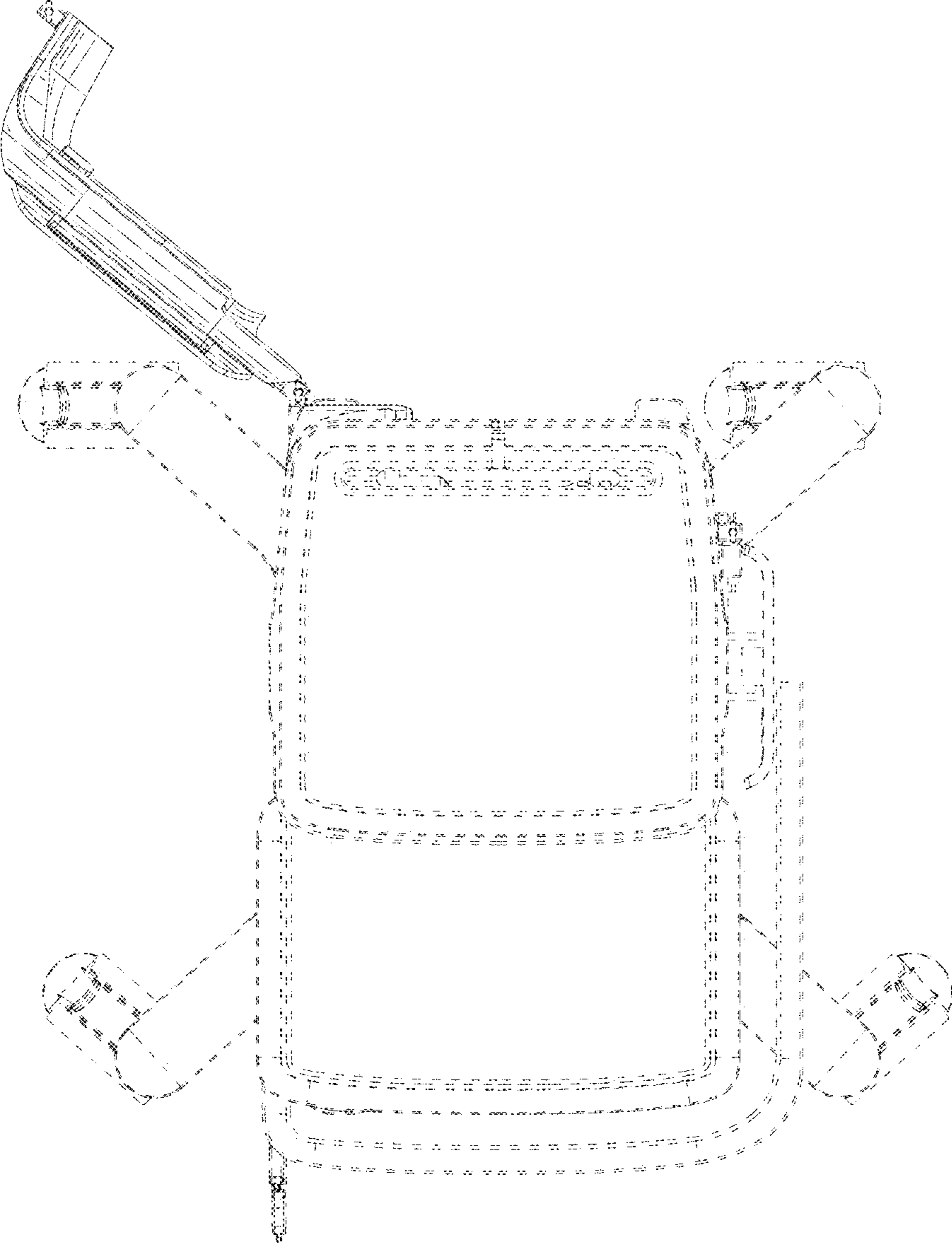


FIG. 6



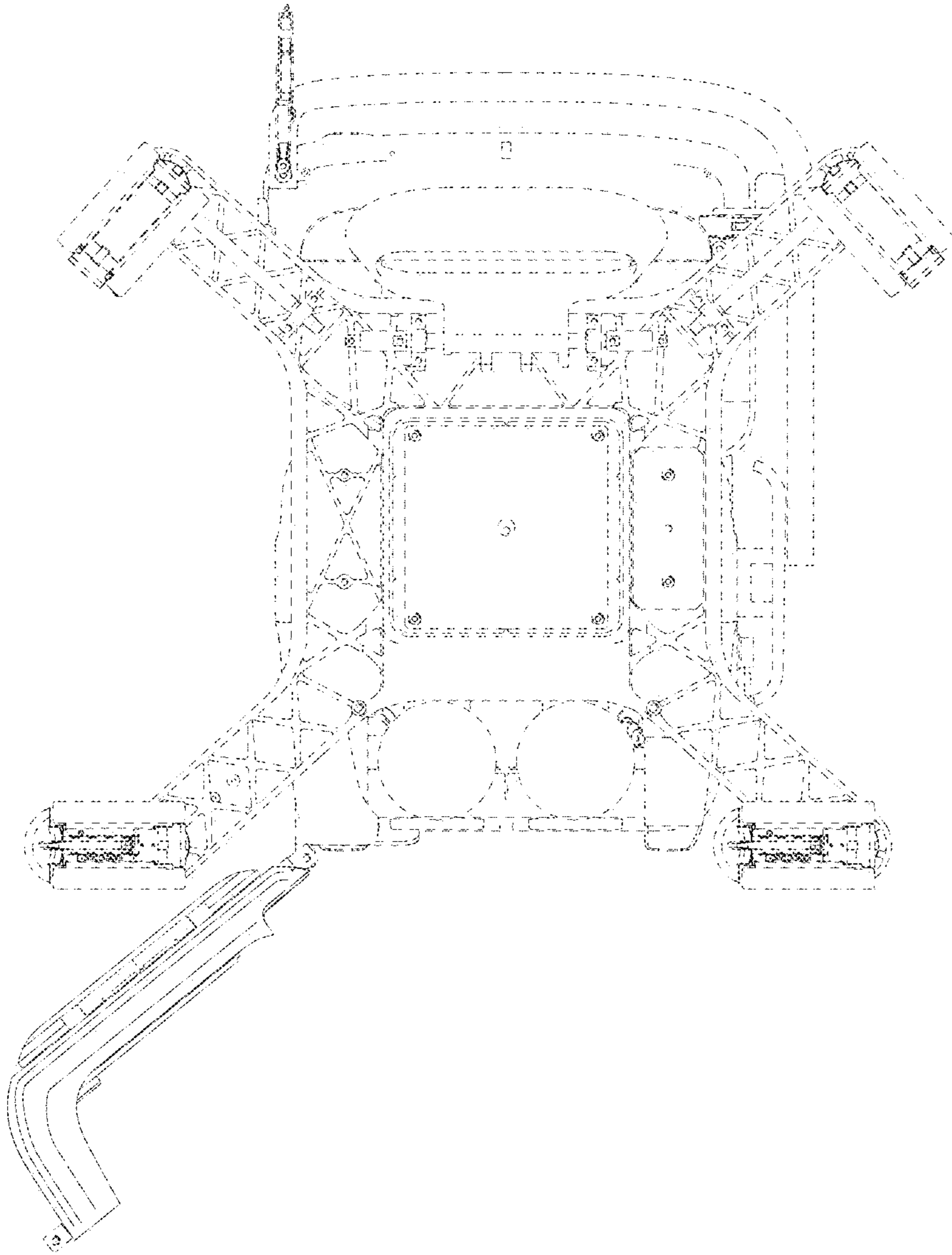


FIG. 7

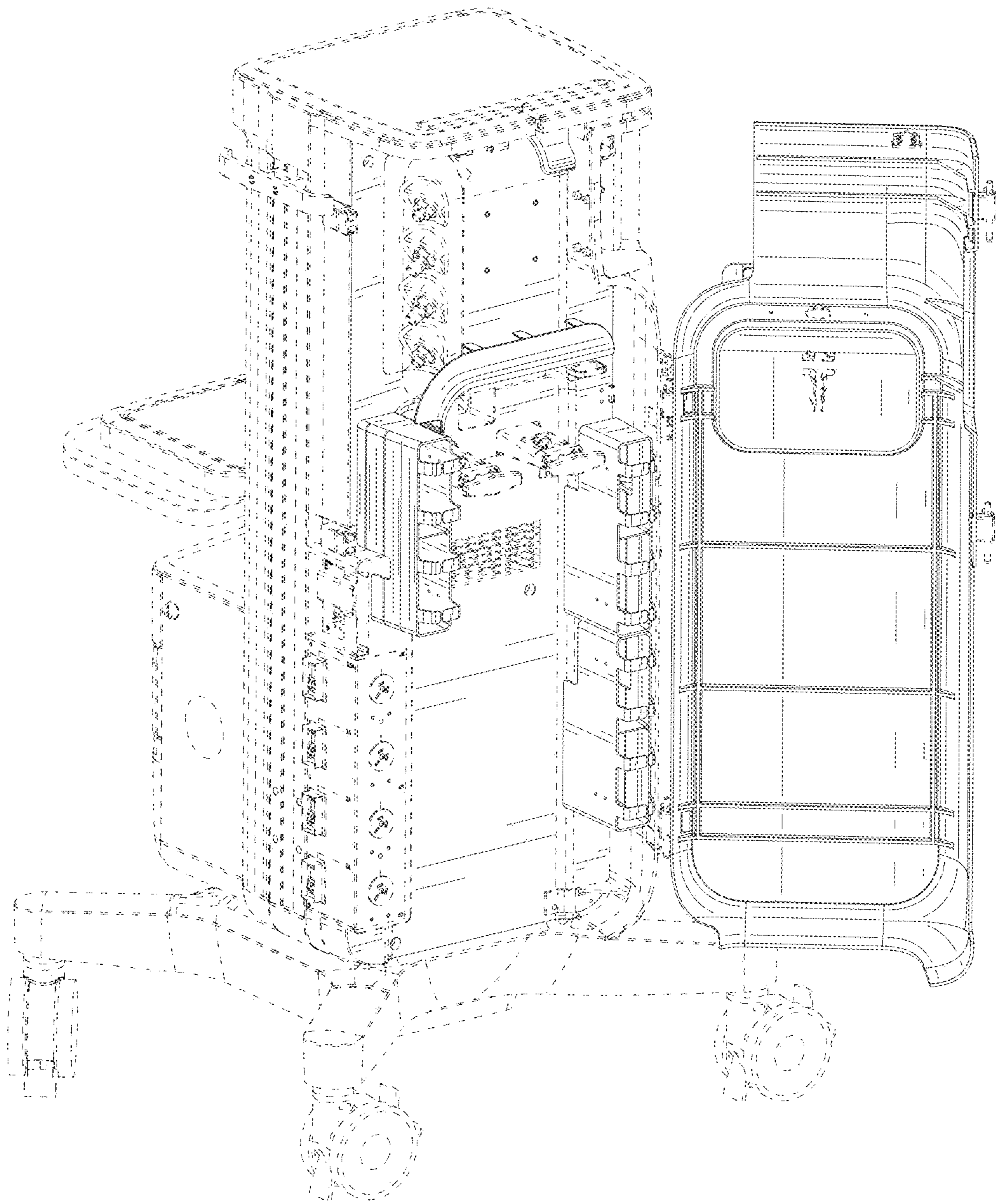


FIG. 8

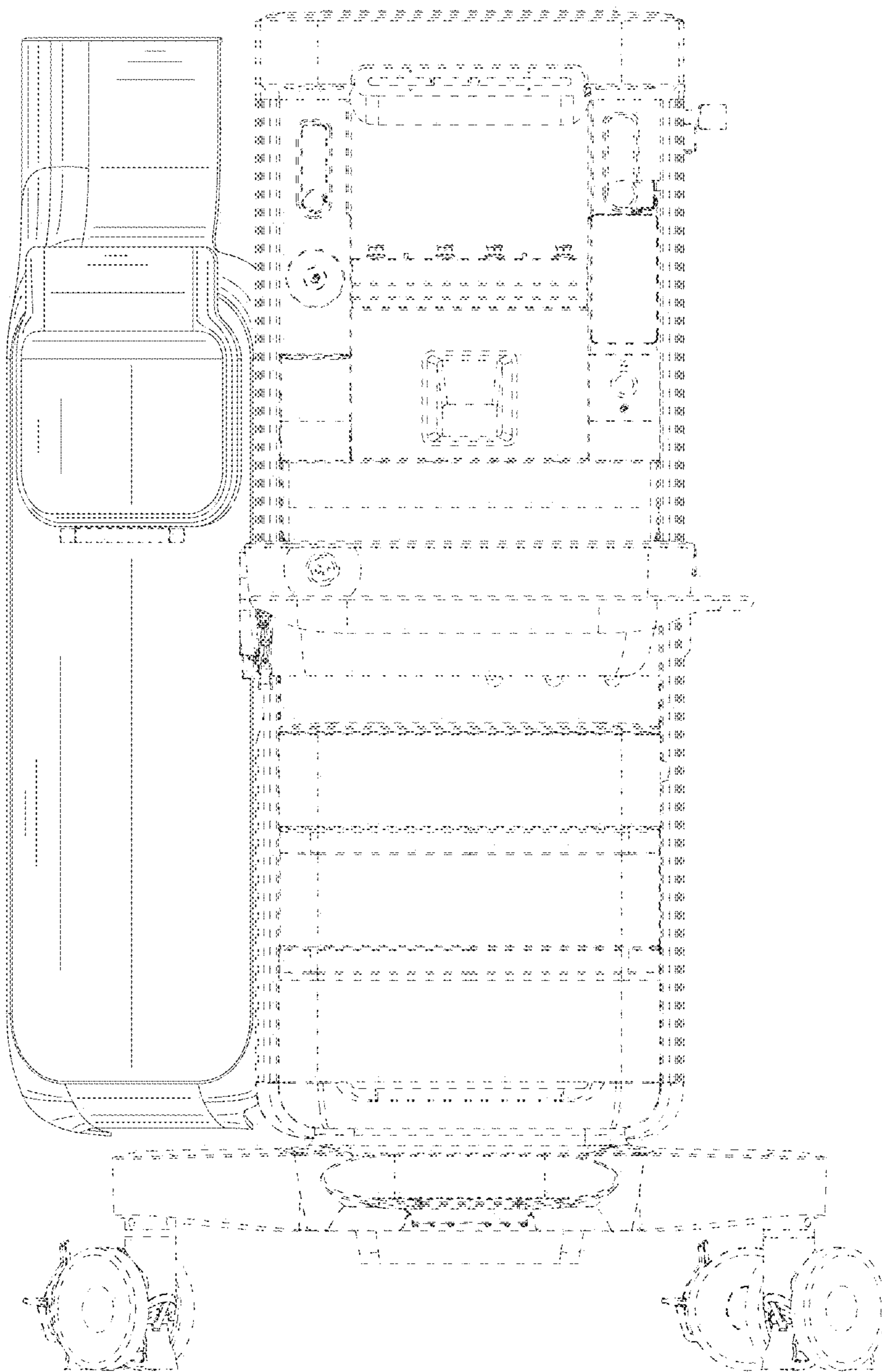


FIG. 9

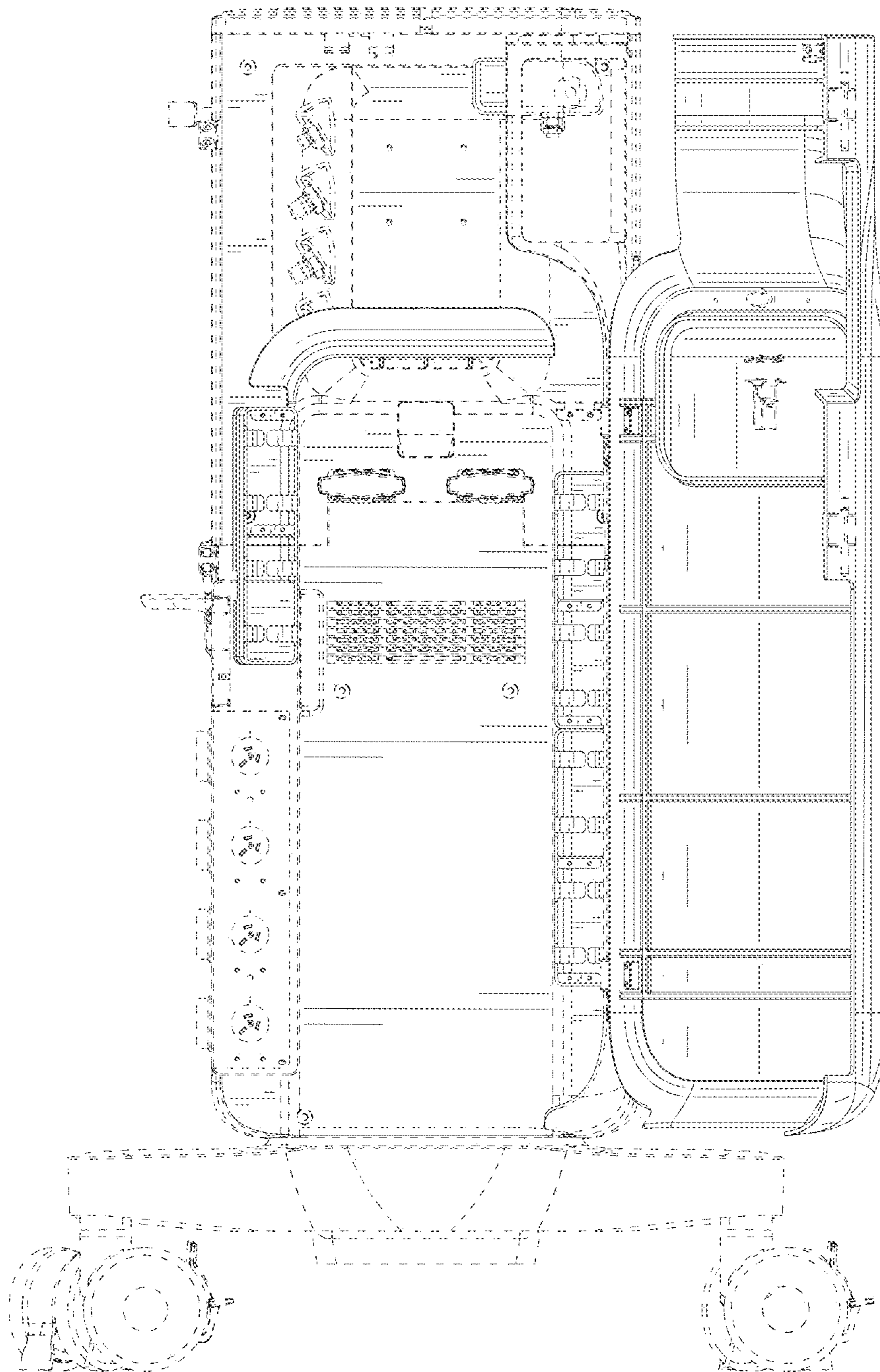


FIG. 10

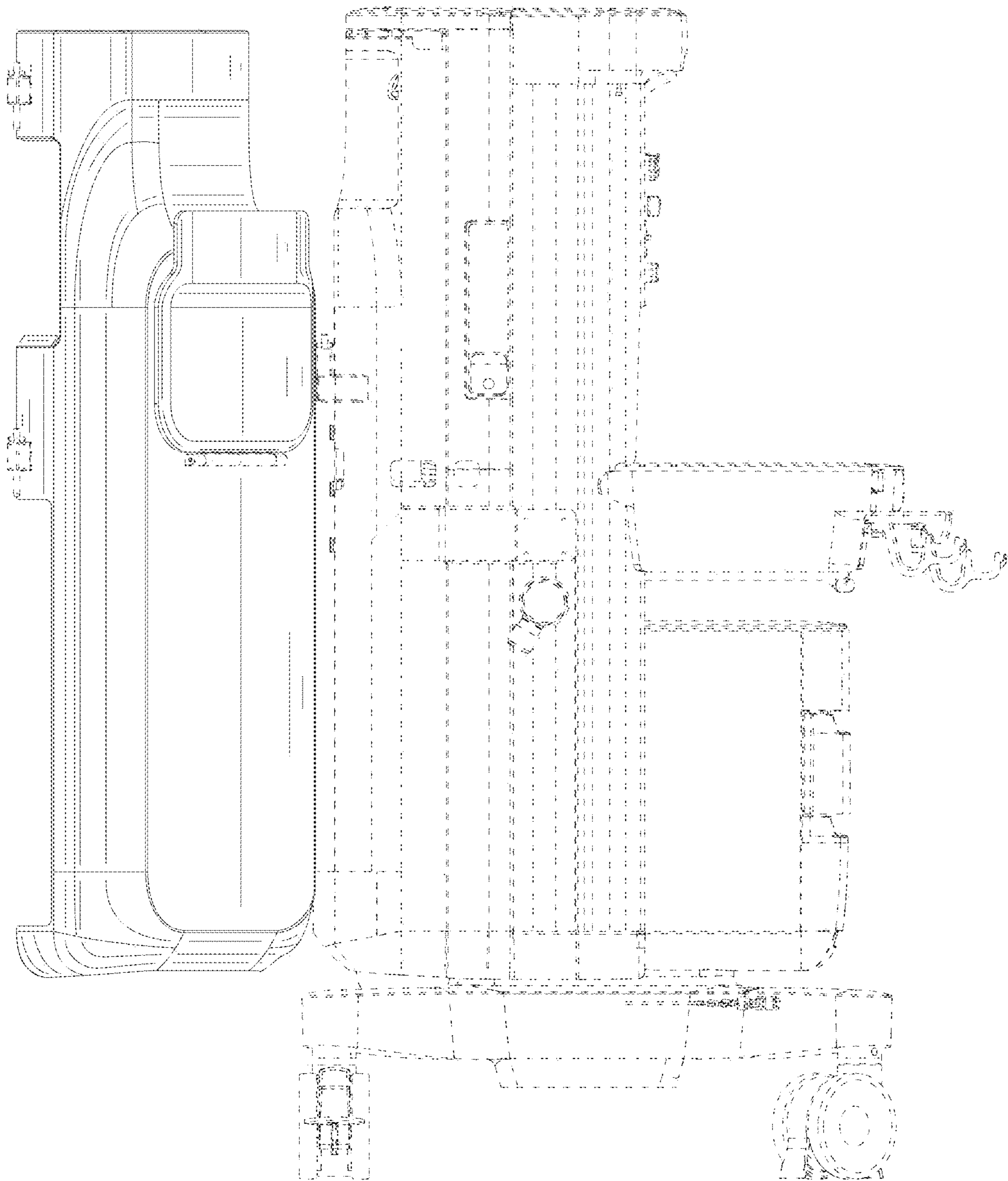


FIG. 11

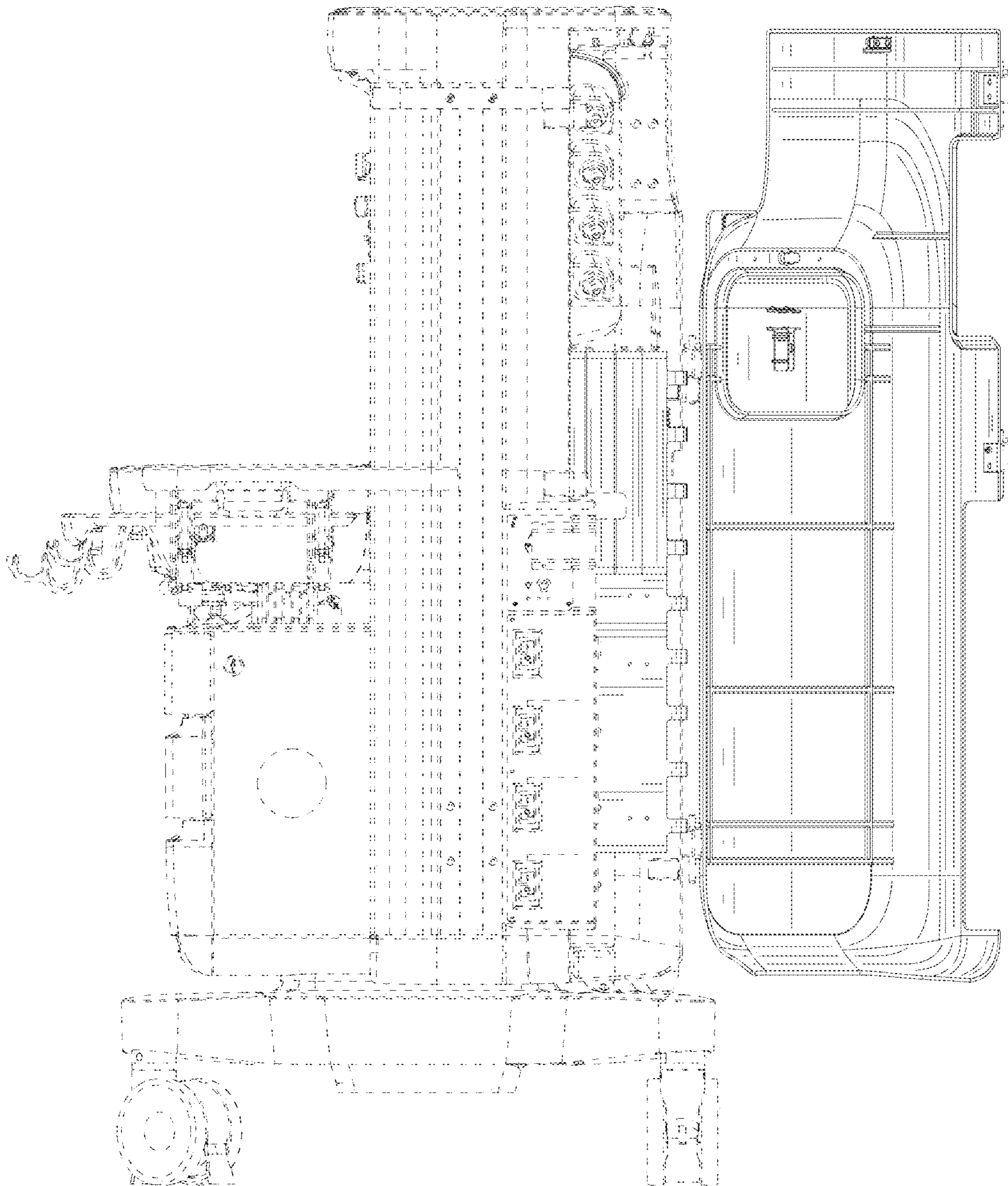


FIG. 12

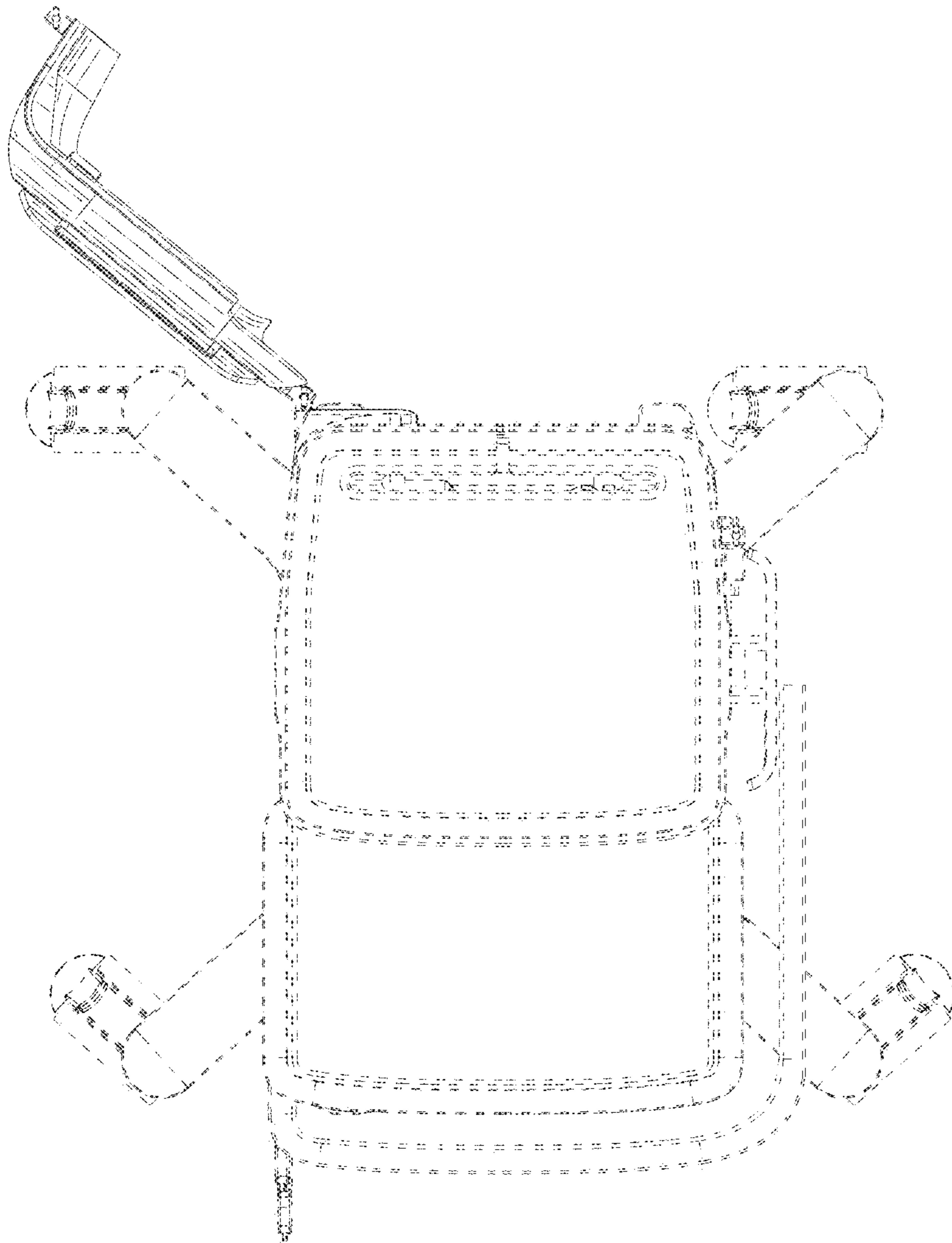


FIG. 13

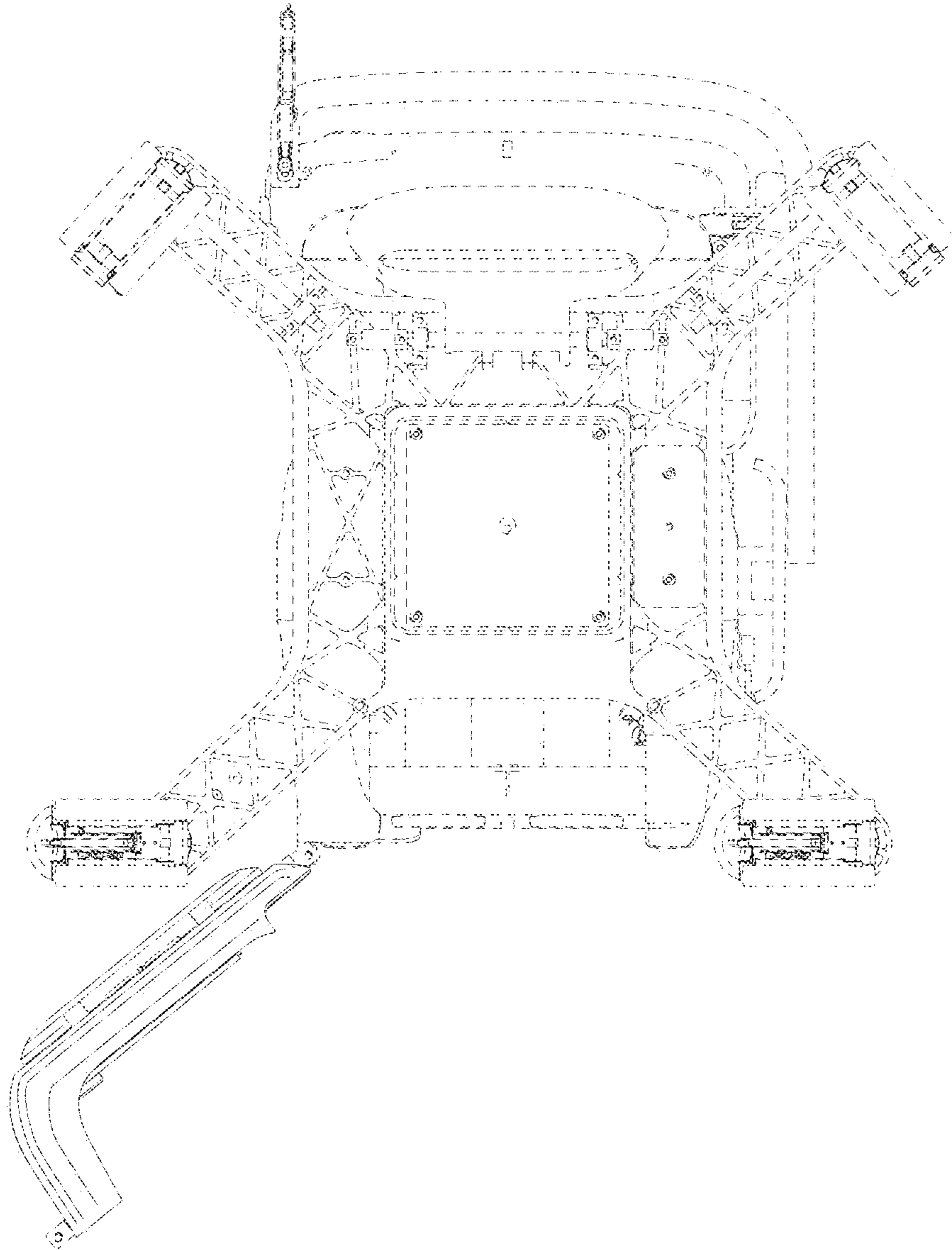


FIG. 14