



US00D900217S

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

(10) **Patent No.:** **US D900,217 S**  
(45) **Date of Patent:** **\*\* Oct. 27, 2020**

(54) **ROLLOVER SIMULATOR**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Robert Harrison**, Coleman, TX (US)

CN 301538896 \* 5/2011  
CN 303719780 \* 6/2016

(72) Inventor: **Robert Harrison**, Coleman, TX (US)

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/708,525**

EMS World. Link: <https://www.emsworld.com/node/1223183>. Oct. 14, 2019. Simulator Solutions Rollover Simulator. (Year: 2019).\*

(22) Filed: **Oct. 7, 2019**

(Continued)

(51) **LOC (12) Cl.** ..... **19-07**

*Primary Examiner* — Susan Bennett Hattan

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

*Assistant Examiner* — Lauren D McVey

USPC ..... **D19/63**; D21/833

(58) **Field of Classification Search**

(74) *Attorney, Agent, or Firm* — Schultz & Associates, P.C.

USPC ..... D19/59–64; D21/477, 326, 548, 833;  
D12/86, 87

CPC .. G06N 99/005; G01M 17/00; G01M 17/007;  
G01M 17/0074; G01M 17/0078; G01M  
17/04; G01M 17/06; G01M 17/065;  
G01M 17/10

(57) **CLAIM**

The ornamental design for a rollover simulator, as shown and described.

See application file for complete search history.

**DESCRIPTION**

(56) **References Cited**

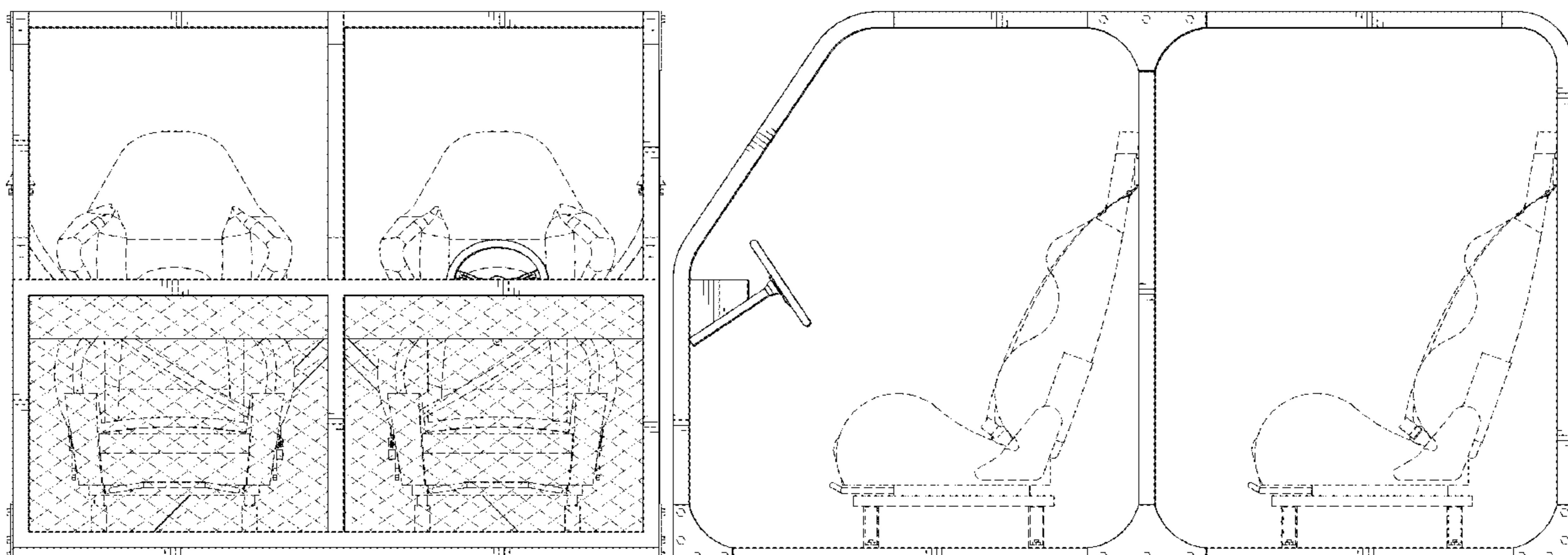
U.S. PATENT DOCUMENTS

D195,029 S *	4/1963	Hotkins et al.	.....	D19/63
4,747,778 A	5/1988	Haltbrekken		
4,869,539 A *	9/1989	Cassese	.....	B60G 99/00 280/781
D345,178 S	5/1994	Peterson		
5,453,011 A	9/1995	Feuer et al.		
D376,186 S *	12/1996	Penney	.....	D21/814
5,777,243 A *	7/1998	Kewish	.....	G01M 15/02 73/865.6
6,142,877 A	11/2000	Nishimura		
6,256,601 B1	7/2001	Wipasuramonton et al.		
7,373,801 B2	5/2008	Friedman et al.		
7,461,851 B2 *	12/2008	Yamamura	.....	B60G 3/20 180/311

(Continued)

FIG. 1 is a perspective view of a rollover simulator showing my new design;  
 FIG. 2 is a front elevation view thereof;  
 FIG. 3 is a rear elevation view thereof;  
 FIG. 4 is a first side elevation view thereof;  
 FIG. 5 is a second side elevation view thereof;  
 FIG. 6 is a top plan view thereof;  
 FIG. 7 is a bottom plan view thereof;  
 FIG. 8 is a second perspective view of the rollover simulator showing my new design with additional environment;  
 FIG. 9 is a third perspective view thereof;  
 FIG. 10 is a fourth perspective view thereof;  
 FIG. 11 is a fifth perspective view thereof;  
 FIG. 12 is a sixth perspective view thereof; and,  
 FIG. 13 is a seventh perspective view thereof.  
 The broken lines depict environment and form no part of the claimed design.

**1 Claim, 13 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

7,610,792 B2 \* 11/2009 Chen ..... G01M 17/0078  
73/12.04  
7,775,082 B2 8/2010 Friedman et al.  
7,836,749 B2 \* 11/2010 Chen ..... G01M 17/0078  
73/12.04  
7,950,268 B2 5/2011 Friedman et al.  
D651,133 S \* 12/2011 Liebl ..... D12/86  
8,758,016 B1 6/2014 Henriksson  
9,873,058 B2 1/2018 Magrath, III  
10,096,262 B1 10/2018 Venditte  
D884,076 S \* 5/2020 Quinn ..... D21/326  
2007/0020587 A1 1/2007 Seymore et al.  
2007/0111170 A1 5/2007 Lefton  
2010/0028837 A1 2/2010 Holloway  
2011/0153298 A1 6/2011 Stein et al.  
2014/0318229 A1 \* 10/2014 Tagami ..... G01M 17/06  
73/117.01  
2016/0370257 A1 \* 12/2016 Osterhage ..... G01M 17/007  
2017/0336290 A1 \* 11/2017 Belwafa ..... G01M 17/007

FOREIGN PATENT DOCUMENTS

CN 304250075 \* 8/2017  
CN 305791997 \* 5/2020

FR EP-3309533 B1 \* 8/2019 ..... G09B 9/042  
GB 2488025 8/2012  
KR 200421509 7/2006  
KR 101081690 11/2011  
KR 101228129 2/2013  
KR 101325652 11/2013  
KR 101695947 1/2017  
WO 2013153229 10/2013

OTHER PUBLICATIONS

“Rollover Trainers/Simulators” [www.kirilafire.com](http://www.kirilafire.com) <https://web.archive.org/web/20150315062627/https://www.kirilafire.com/tactical-security.html> (Mar. 15, 2015).  
“Racesafe Speedway Rollover Safety Simulator” [www.motorsport-safety.org](http://www.motorsport-safety.org) <https://www.motorsport-safety.org/forums/driver-safety/racesafe%E2%84%A2-speedway-rollover-safety-simulator> (Mar. 18, 2015).  
“Advanced Safety Trainers” [www.indiamart.com](http://www.indiamart.com), <https://web.archive.org/web/20190205172451/https://www.indiamart.com/vertexresearchcentre/advanced-safety-trainers.html> (Feb. 5, 2019).

\* cited by examiner

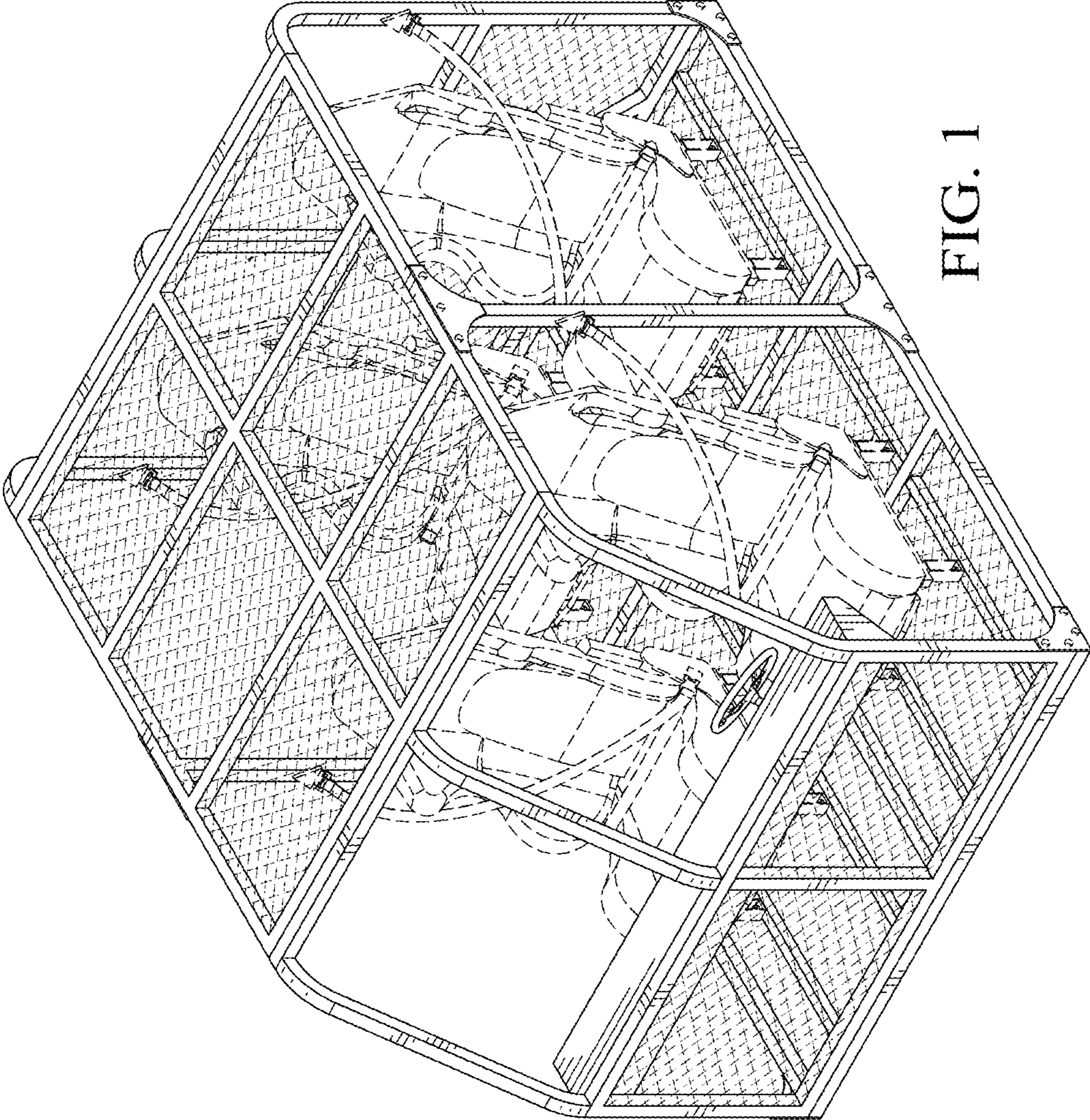


FIG. 1

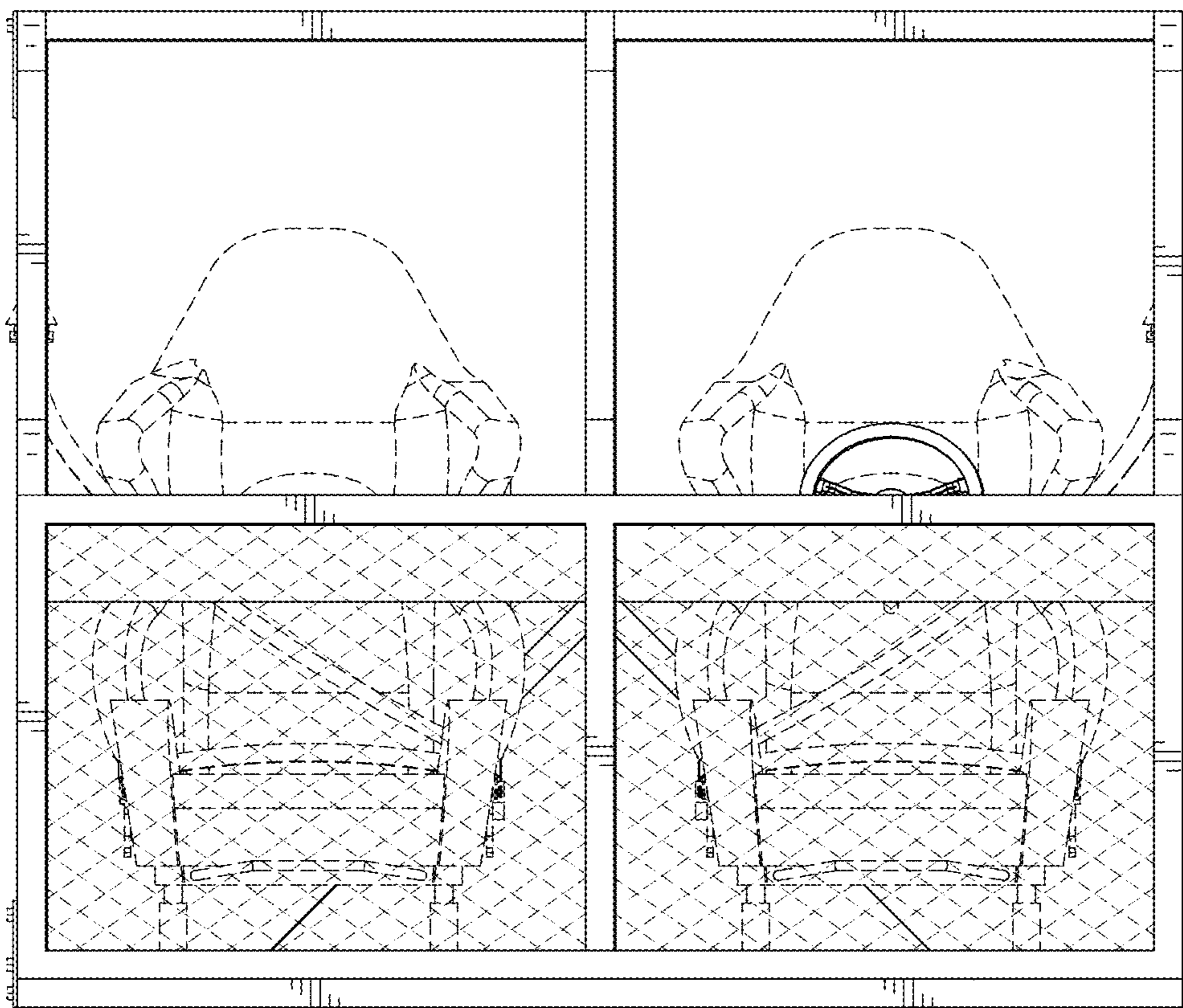


FIG. 2

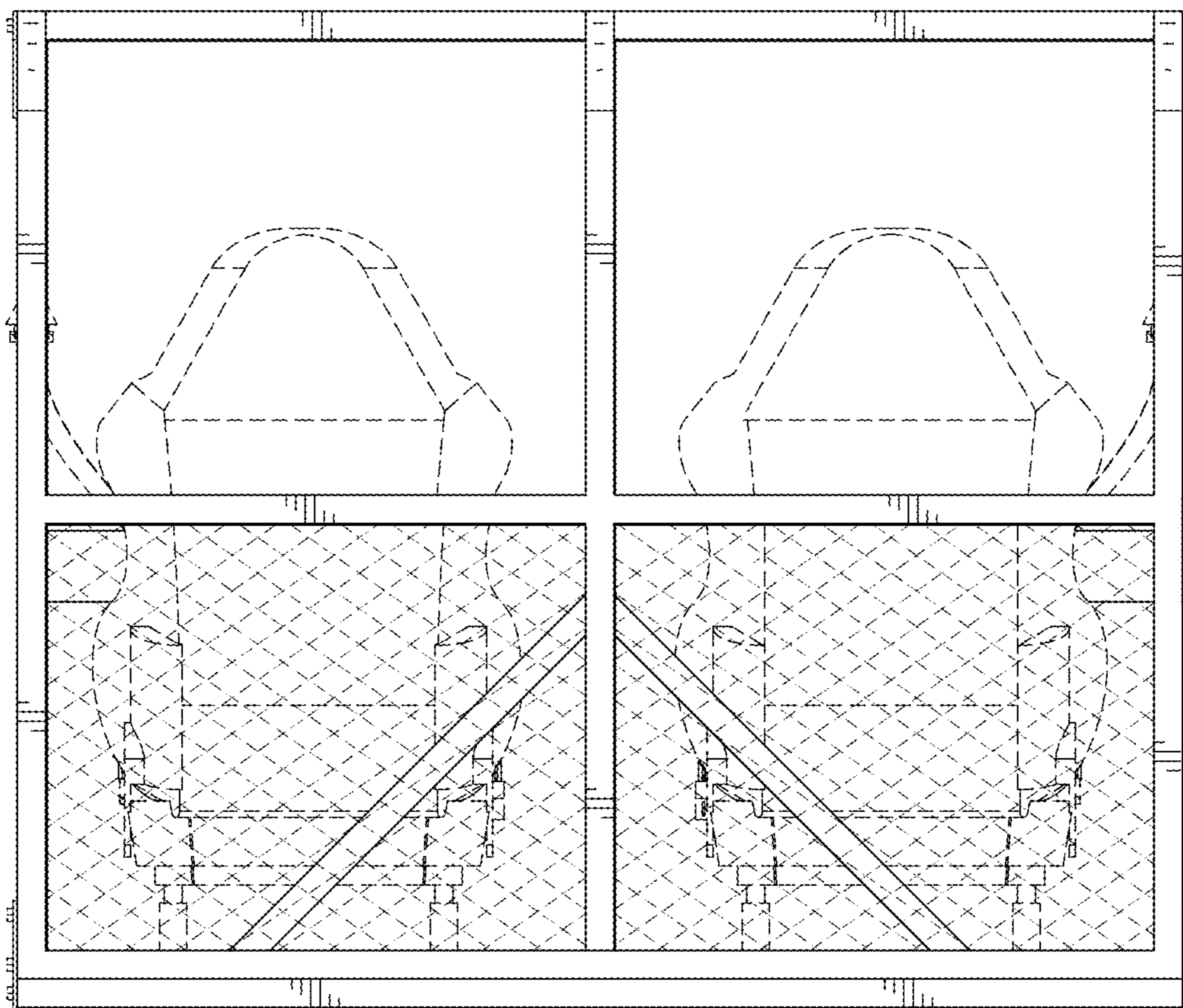


FIG. 3

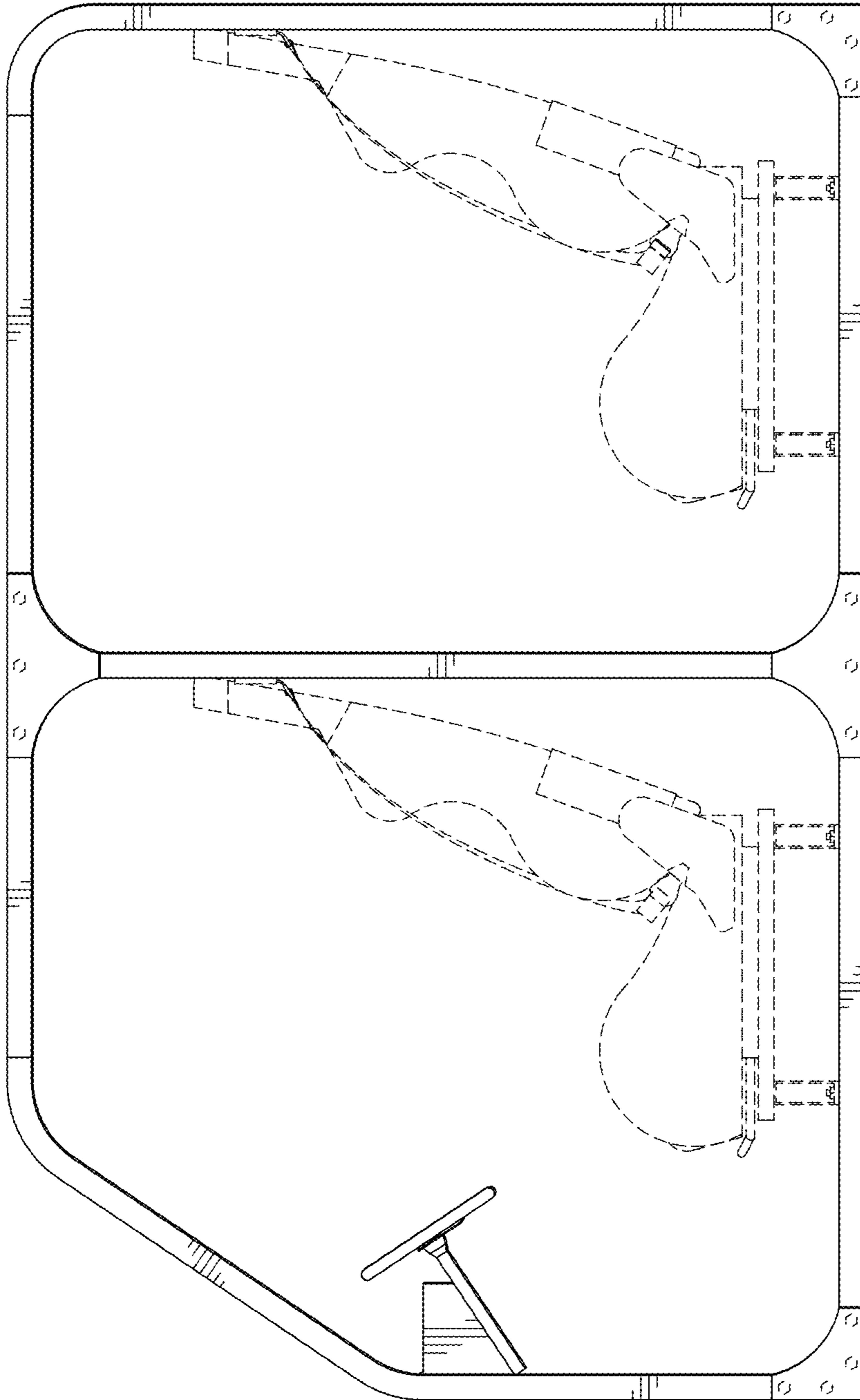


FIG. 4

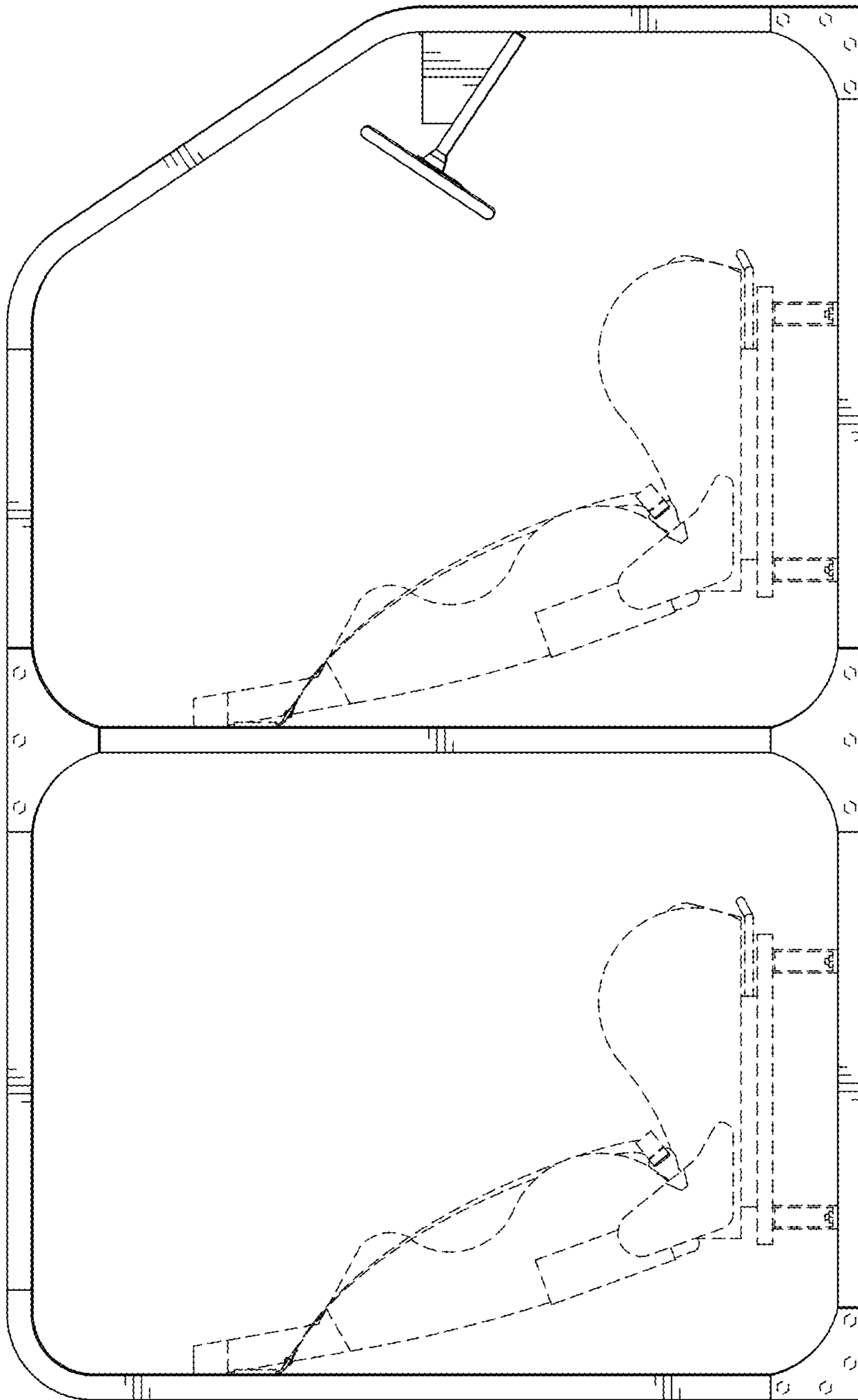


FIG. 5

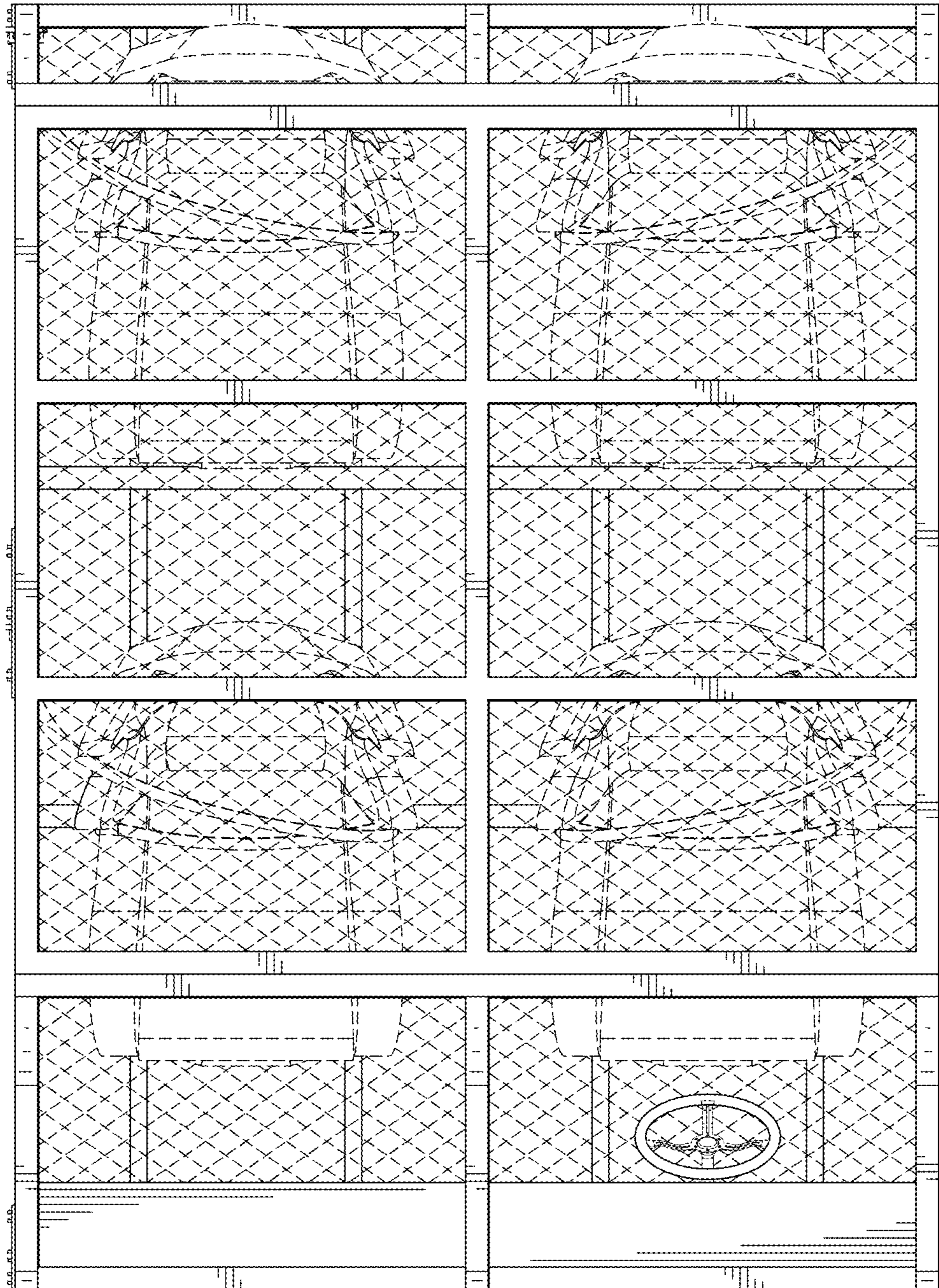


FIG. 6



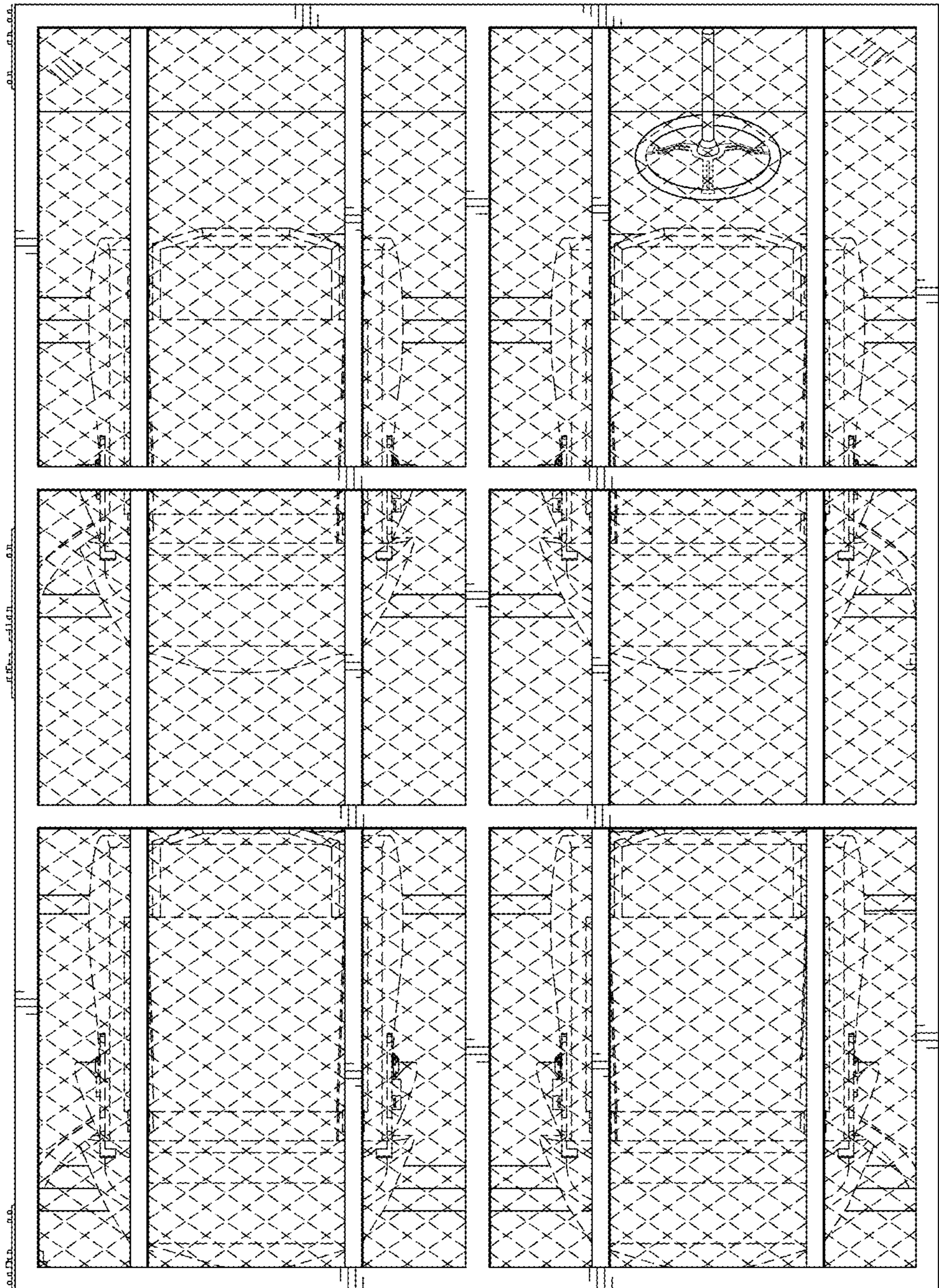


FIG. 7

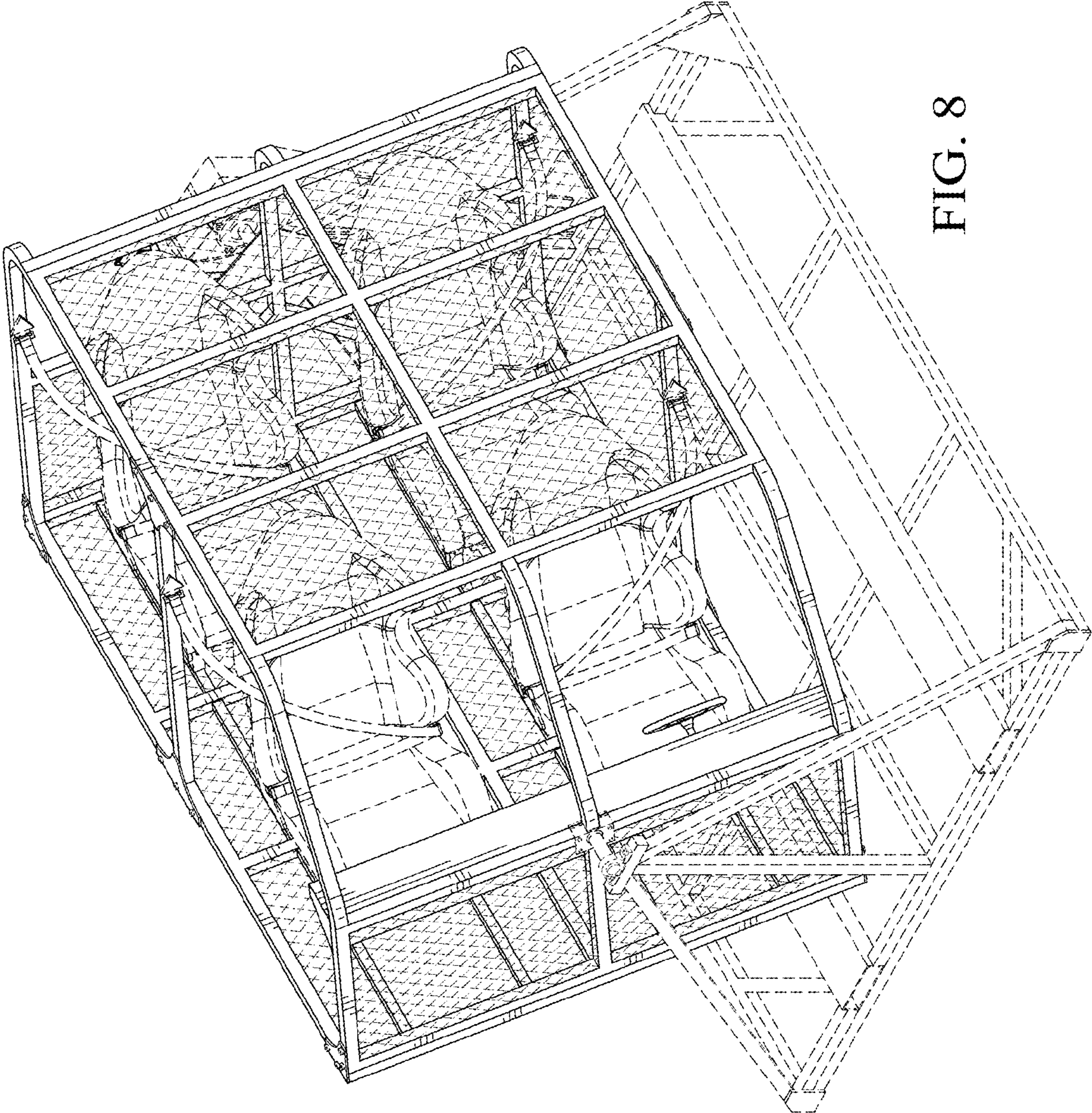


FIG. 8

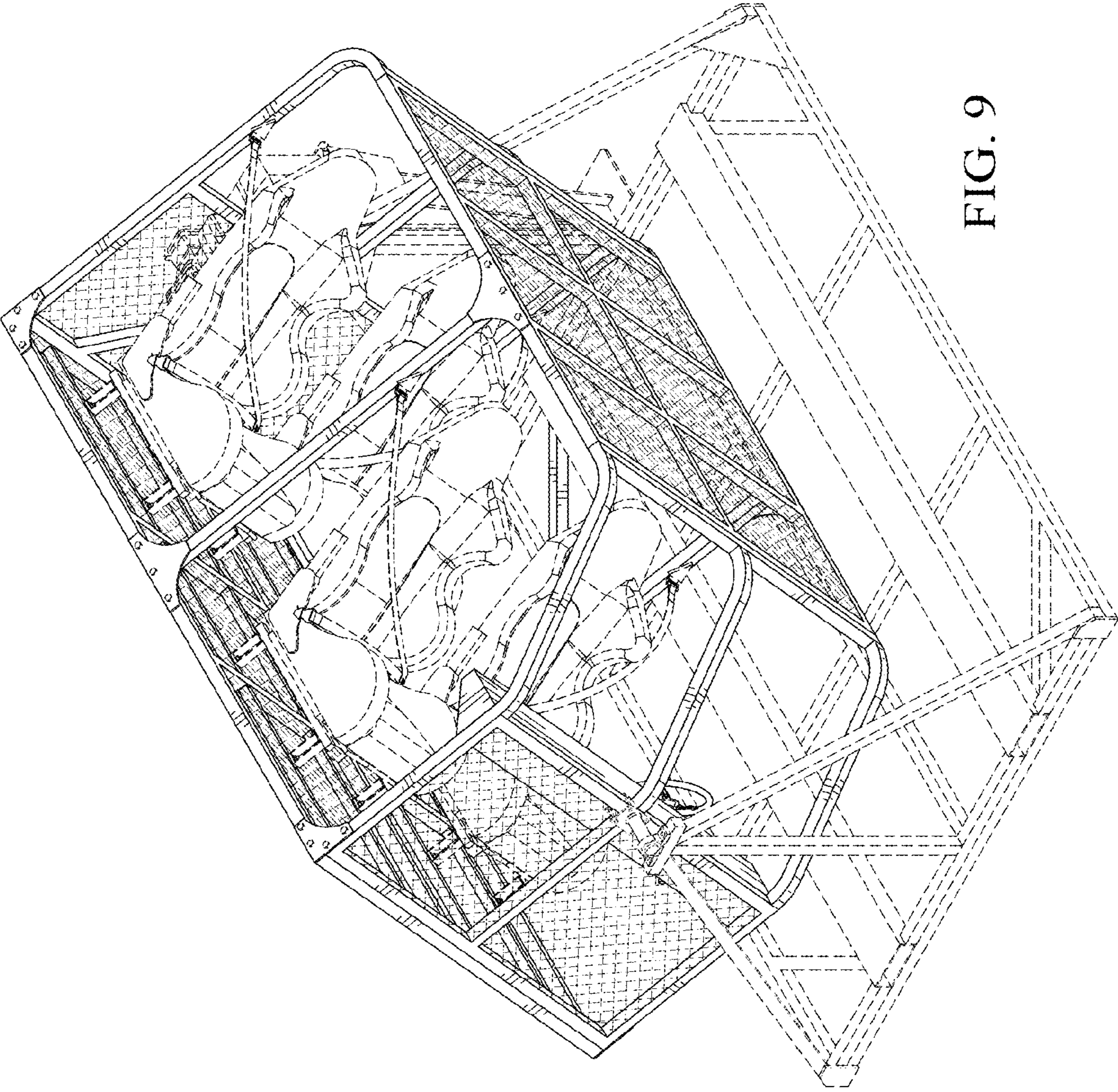


FIG. 9

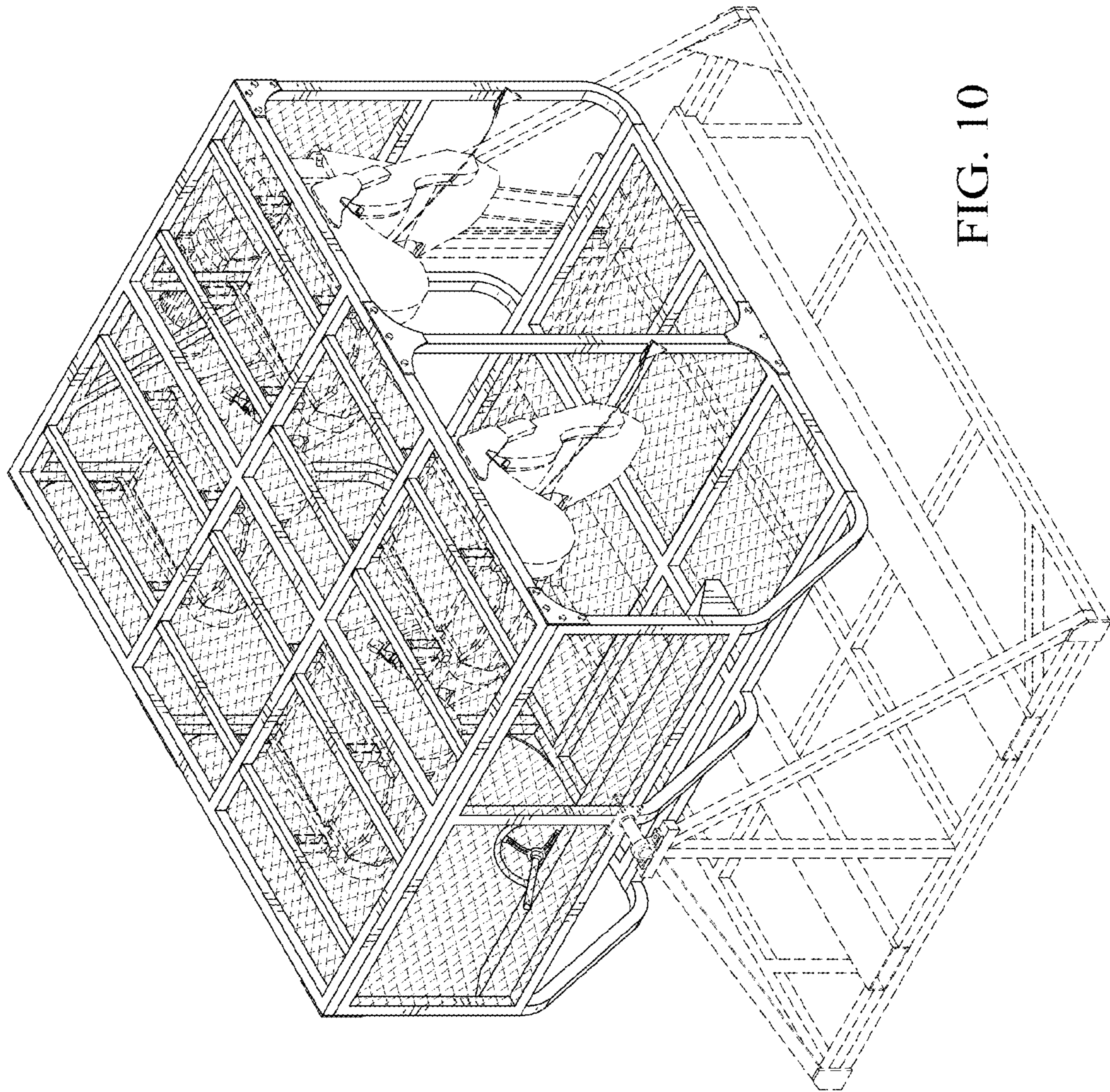


FIG. 10

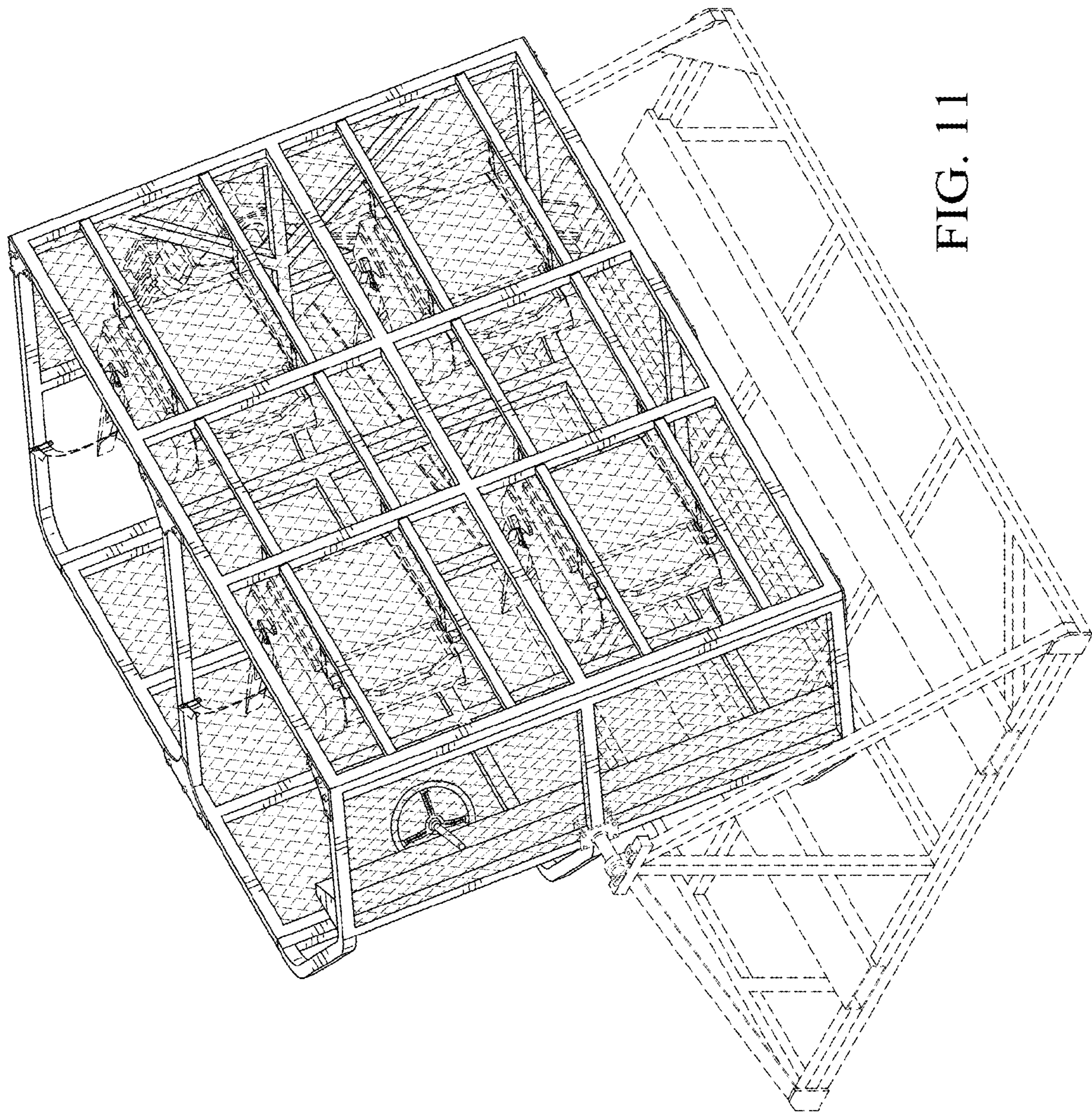


FIG. 11

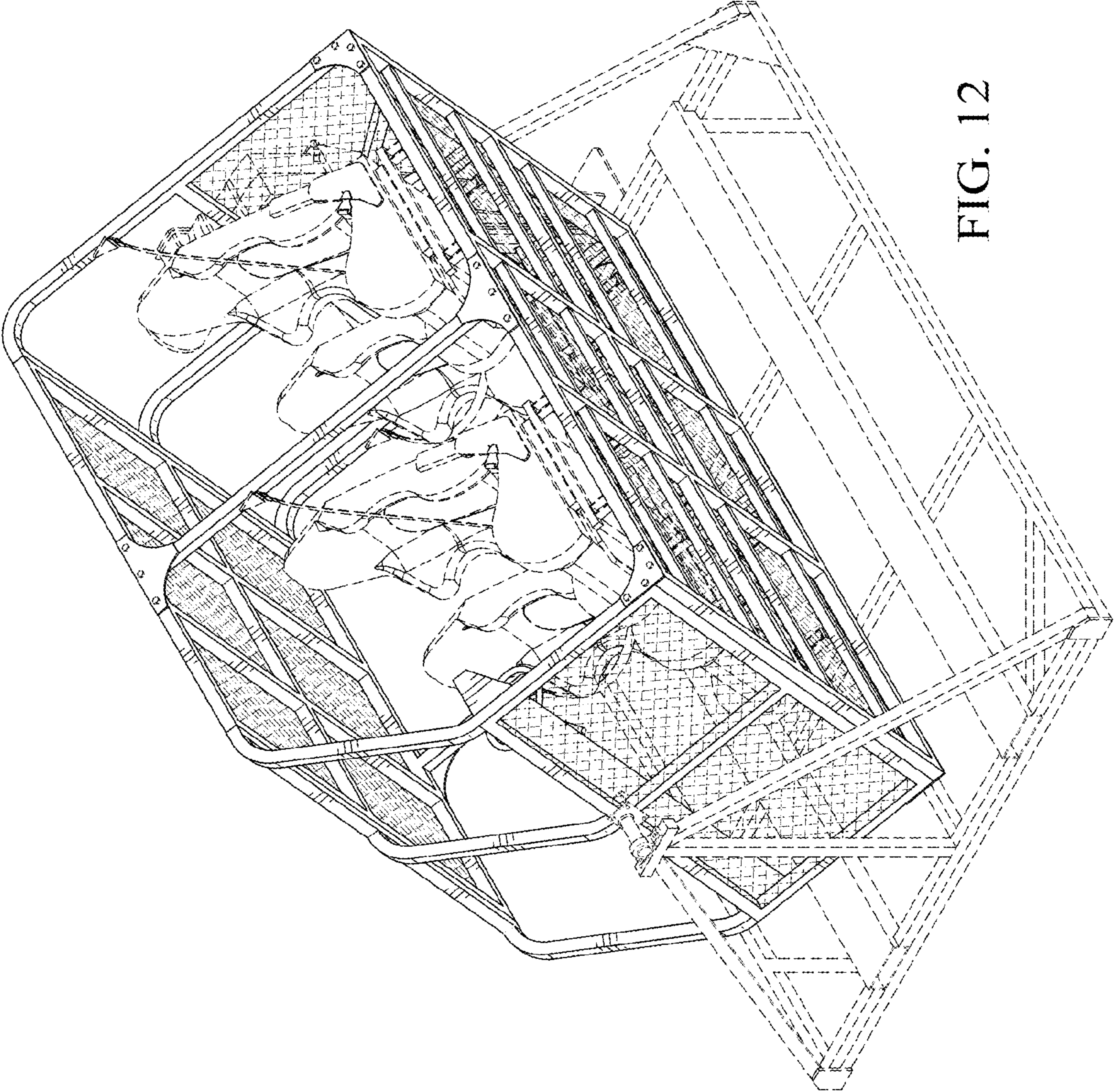


FIG. 12

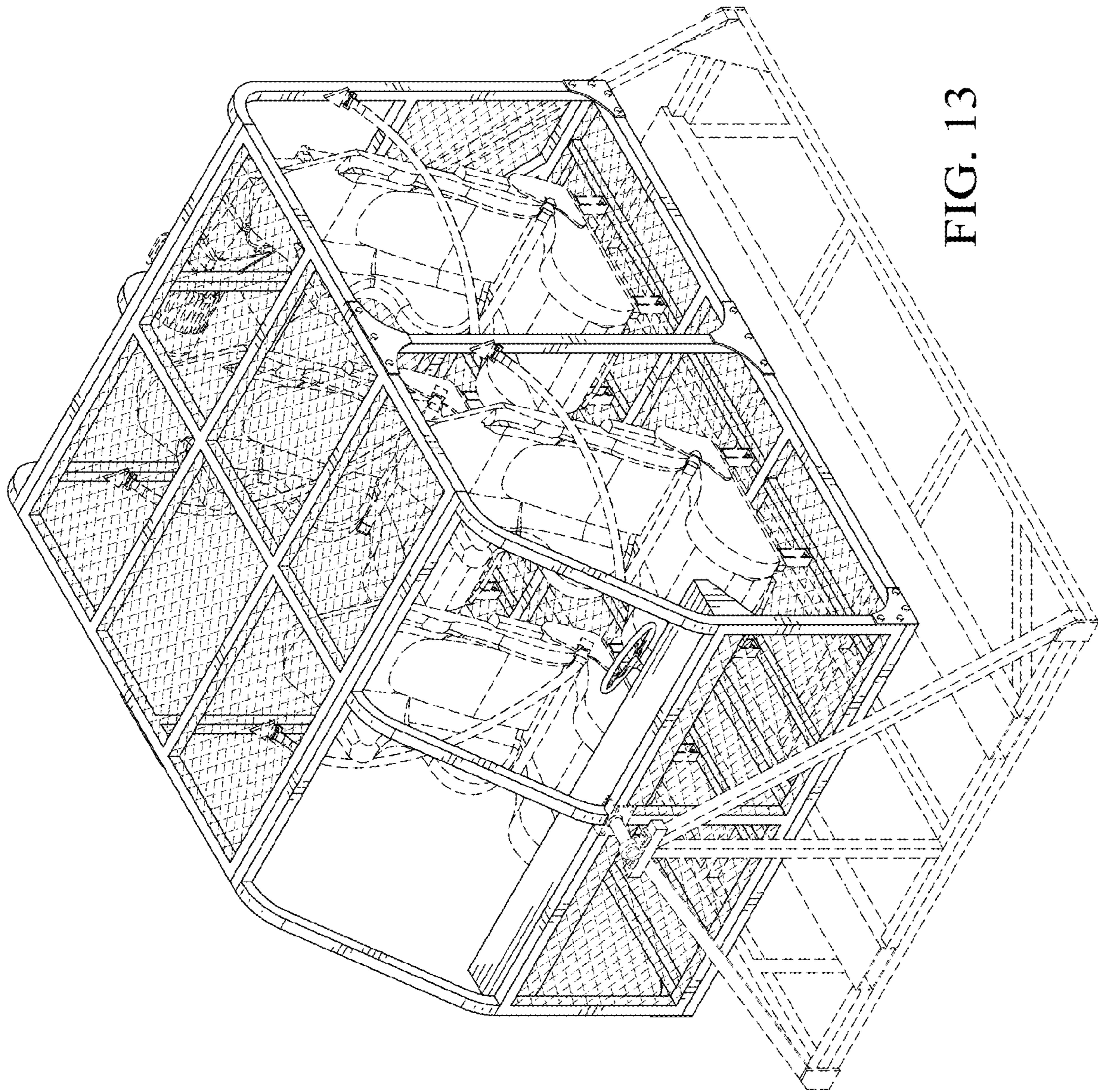


FIG. 13