US00D840701S

(12) United States Design Patent

Scott et al.

(10) Patent No.: US D840,701 S
(45) Date of Patent: ** Feb. 19, 2019

(54) **STAGGERED AIRCRAFT SEATS**

(71) Applicant: **Molon Labe, LLC**, Lakewood, CO (US)

(72) Inventors: **Frank Matthew Scott**, Breckenridge, CO (US); **Kevin Van Liere**, Longmont, CO (US)

(73) Assignee: **Molon Labe, LLC**, Lakewood, CO (US)

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

(21) Appl. No.: **29/622,635**

(22) Filed: **Oct. 18, 2017**

(51) **LOC (11) Cl.** **06-01**

(52) **U.S. Cl.**
USPC **D6/356**

(58) **Field of Classification Search**
USPC D6/334, 356, 360, 369, 370, 371, 373, D6/374, 375, 376, 379, 380, 716, 716.1, D6/716.2, 716.3, 716.4, 716.5, 716.7; D21/521, 533, 548
CPC .. A47C 3/04; A47C 9/007; A47D 1/00; A61H 2201/0149; B60N 2/06; B60N 2/20; B60N 2/22; B60N 2/58; B60N 2/68; B60N 2/80; B60N 2/643; B60N 2/859; B60N 2/888; B60N 2/1615; B60N 2/7035; B60N 2/42745; B60N 2002/0272; B60N 2205/35
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

151,411	A	5/1874	Marshall	
371,091	A	10/1887	Miller	
972,393	A	10/1910	Moore	
1,643,236	A	9/1927	Bell	
1,714,645	A	5/1929	Taggart	
2,026,016	A *	12/1935	Blood	B60N 3/02 292/164
2,116,366	A	5/1938	Scott	
2,523,960	A	9/1950	Liljengren et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

CN	102015358	A	4/2011
CN	102753436	A	10/2012

(Continued)

OTHER PUBLICATIONS

Coffey, Helen. "New aeroplane design could see passengers Fighting over who gets the Middle seat" Jan. 25, 2017, express.co.uk, site visited Sep. 1, 2018 <https://www.express.co.uk/travel/articles/758728/flight-side-slip-seat-design> (Year: 2017).*

(Continued)

Primary Examiner — Kevin K Rudzinski
Assistant Examiner — Paul D Bohannon
(74) *Attorney, Agent, or Firm* — James A. Sheridan; Sheridan Law, LLC

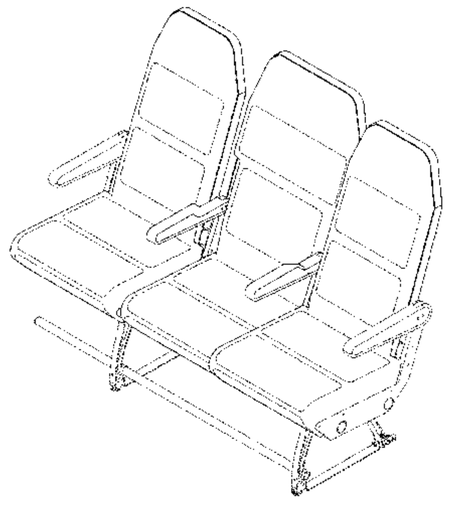
(57) **CLAIM**

We claim the ornamental design for a staggered aircraft seats, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a staggered aircraft seats, showing our new design, with a staggered formation of seats providing a wider seatback between two narrower seatbacks, and middle armrests with multiple tiers;
FIG. **2** is a front perspective view thereof;
FIG. **3** is a front elevational view thereof;
FIG. **4** is a rear elevational view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a left side elevational view thereof; and,
FIG. **8** is a right side elevational view thereof.
The seat support portions, the outboard armrests, and the seat covers are shown in broken lines for illustrative purposes only and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2,696,246	A	9/1950	Putnam	
3,572,615	A	3/1971	Firestone	
3,638,997	A	2/1972	Shapiro et al.	
3,887,230	A *	6/1975	Groning	B60N 2/06 248/188
3,893,729	A	7/1975	Sherman et al.	
4,113,311	A	9/1978	Reida	
D274,138	S *	6/1984	Grussner	D12/421
4,832,628	A	5/1989	Huska	
4,881,702	A	11/1989	Slettebak	
4,936,620	A	6/1990	Francois et al.	
5,104,065	A	4/1992	Daharsh et al.	
5,131,607	A	7/1992	Arnold et al.	
5,178,345	A	1/1993	Peltola et al.	
5,342,111	A	8/1994	Charles	
5,509,722	A	4/1996	Beroth	
5,527,093	A	6/1996	Park	
5,558,309	A	9/1996	Marechal	
5,584,532	A	12/1996	Marechal	
5,597,139	A	1/1997	Beroth	
5,660,434	A	8/1997	Nicksic	
5,660,436	A	8/1997	Wilson	
5,673,973	A	10/1997	Marechal	
5,727,845	A	3/1998	Jackson-Wynch	
5,829,836	A	11/1998	Schumacher et al.	
6,155,519	A	12/2000	Rajasingham	
6,554,364	B1 *	4/2003	Dammermann	A47C 1/03 297/411.35
6,824,213	B2 *	11/2004	Skelly	B64D 11/0624 297/217.3
7,070,149	B2	7/2006	McDonnell	
7,252,569	B2 *	8/2007	Everhart	B64D 11/06 206/769
7,410,127	B1 *	8/2008	Ahad	B64D 11/0696 244/118.5
D577,499	S *	9/2008	Tsay	D6/356
7,448,575	B2	11/2008	Cheung et al.	
7,578,551	B2	8/2009	Linero	
7,828,390	B2 *	11/2010	Liu	B60N 2/753 297/411.36
7,959,231	B2	6/2011	Lee	
8,091,961	B2	1/2012	Dryburgh	
8,118,359	B2	2/2012	Kyogoku et al.	
8,162,396	B2	4/2012	Edwards	
8,172,321	B2	5/2012	Hankinson et al.	
8,182,014	B2	5/2012	Mabuchi et al.	
8,251,427	B2	8/2012	Lindsay	
8,393,677	B2	3/2013	Wieclawski	
8,393,680	B2 *	3/2013	Zimmermann	B64D 11/0693 297/248
8,419,135	B2 *	4/2013	Moeseneder	B60N 2/5816 297/452.13
D686,422	S *	7/2013	Robinson	D6/356
8,506,015	B2 *	8/2013	Le	B60N 2/68 297/452.18
8,616,631	B2 *	12/2013	Westerink	B60N 2/24 297/188.08
8,678,311	B2	3/2014	Cheung et al.	
8,708,410	B2	4/2014	Scott et al.	
8,763,954	B2	7/2014	Rajasingham	
8,864,071	B2	10/2014	Vergnaud et al.	
8,888,160	B2	11/2014	Woodhouse et al.	
8,931,846	B2 *	1/2015	Merensky	B64D 11/06 297/118
8,950,796	B2	2/2015	Woodhouse et al.	
D723,822	S *	3/2015	Cai	D6/356
D724,338	S *	3/2015	Nicholas	D6/356
8,973,966	B2	3/2015	Woodhouse et al.	
8,998,139	B2	4/2015	Dryburgh et al.	
9,060,614	B1	6/2015	Gibilterra	
D733,442	S	7/2015	Dryburgh et al.	
9,102,243	B2	8/2015	Woodhouse et al.	
9,132,918	B2 *	9/2015	Bamford	B60N 3/004
D750,392	S *	3/2016	Wilkens	D6/356
9,315,270	B2	4/2016	Dryburgh et al.	
9,358,908	B2	6/2016	Rajasingham	
9,359,079	B2	6/2016	Scott et al.	
9,398,812	B2 *	7/2016	Sanae	A47C 7/54
9,428,088	B1	8/2016	Rajasingham	
9,446,686	B2	9/2016	Woodhouse et al.	
9,475,407	B2	10/2016	Byun	
9,511,694	B2	12/2016	Mendicino et al.	
9,533,765	B2	1/2017	Vergnaud et al.	
9,623,776	B2	4/2017	Colsky	
9,630,717	B2	4/2017	Wilkens	
9,682,643	B2 *	6/2017	Wegenka	B60N 2/242
9,708,065	B2	7/2017	Sankrithi et al.	
9,718,550	B2	8/2017	Ko	
9,764,844	B2 *	9/2017	Le	B64D 11/0639
9,771,156	B2	9/2017	Brownjohn et al.	
9,796,296	B2	10/2017	Cailleteau	
9,821,691	B2 *	11/2017	Brockman	B60N 2/753
9,828,101	B2 *	11/2017	Shih	B64D 11/0646
9,908,445	B2 *	3/2018	Park	B60N 2/309
9,925,895	B2 *	3/2018	Ellis	B64D 11/06
10,017,255	B2 *	7/2018	Smallhorn	B64D 11/0624
10,035,433	B2 *	7/2018	Muraiti	B60N 2/01
10,035,599	B2 *	7/2018	Ruiz Lara	B64D 11/06
2002/0033432	A1	3/2002	Mikosza	
2007/0241233	A1	10/2007	Cona	
2007/0241235	A1	10/2007	Atchison	
2009/0127911	A1	5/2009	Schumacher et al.	
2010/0282902	A1	11/2010	Rajasingham	
2010/0295358	A1	11/2010	Lee	
2011/0031772	A1	2/2011	Mabuchi et al.	
2011/0175411	A1	7/2011	Wagner et al.	
2012/0274108	A1	11/2012	Kim	
2012/0292957	A1	11/2012	Vergnaud et al.	
2012/0305705	A1	12/2012	Vergnaud et al.	
2013/0193726	A1	8/2013	Rajasingham	
2015/0166181	A1	6/2015	Scott	
2015/0202992	A1	7/2015	Cailleteau	
2015/0210395	A1	7/2015	St. Jalmes	
2016/0009397	A1	1/2016	Rajasingham	
2016/0150887	A1	6/2016	Wallis	
2016/0318611	A1	11/2016	Brownjohn et al.	
2018/0105272	A1 *	4/2018	Scott	B64D 11/0646

FOREIGN PATENT DOCUMENTS

CN	102849212	A	1/2013
CN	104507808	A	4/2015
CN	102753436	B	5/2015
CN	105857328	A	8/2016
CN	102849212	B	3/2017
DE	10 2010 019 192	A1	11/2011
EP	0 747 286	A2	12/1996
EP	1801010	A2	6/2007
EP	1 864 850	A1	12/2007
EP	2 214 927	A1	8/2010
EP	2520491	A1	7/2012
EP	2507131	A2	10/2012
EP	2 214 927	B1	11/2013
EP	2507131	B1	2/2017
FR	2953168	A1	2/2009
GB	2455130	B	3/2009
GB	2514356	A	11/2014
GB	2514356	B	11/2017
WO	1990002685	A1	3/1990
WO	2008043430	A1	4/2008
WO	2011067286	A2	6/2011
WO	2011067286	A3	6/2011
WO	2011081289		7/2011
WO	2013185035	A1	12/2013
WO	2014011320	A1	1/2014
WO	2014161853	A1	10/2014
WO	2016168200	A1	10/2016

OTHER PUBLICATIONS

English Abstract of CN102015358, Apr. 13, 2011, 1 pp.
English Abstract of CN102753436A, Oct. 24, 2012, 1 pp.

(56) **References Cited**

OTHER PUBLICATIONS

English Abstract of CN102753436B, May 13, 2015, 2 pp.
English Abstract of CN102849212A, Jan. 2, 2013, 2 pp.
English Abstract of CN102849212B, Mar. 1, 2017, 2 pp.
English Abstract of CN104507808A, Apr. 8, 2015, 2 pp.
English Abstract of CN105857328A, Aug. 17, 2016, 2 pp.
English Abstract of DE102010019192, Nov. 10, 2011, 1 pp.
English Abstract of EP2507131B1, Feb. 22, 2017, 2 pp.
English Abstract of FR2953168, Jun. 3, 2011, 2 pp.

* cited by examiner

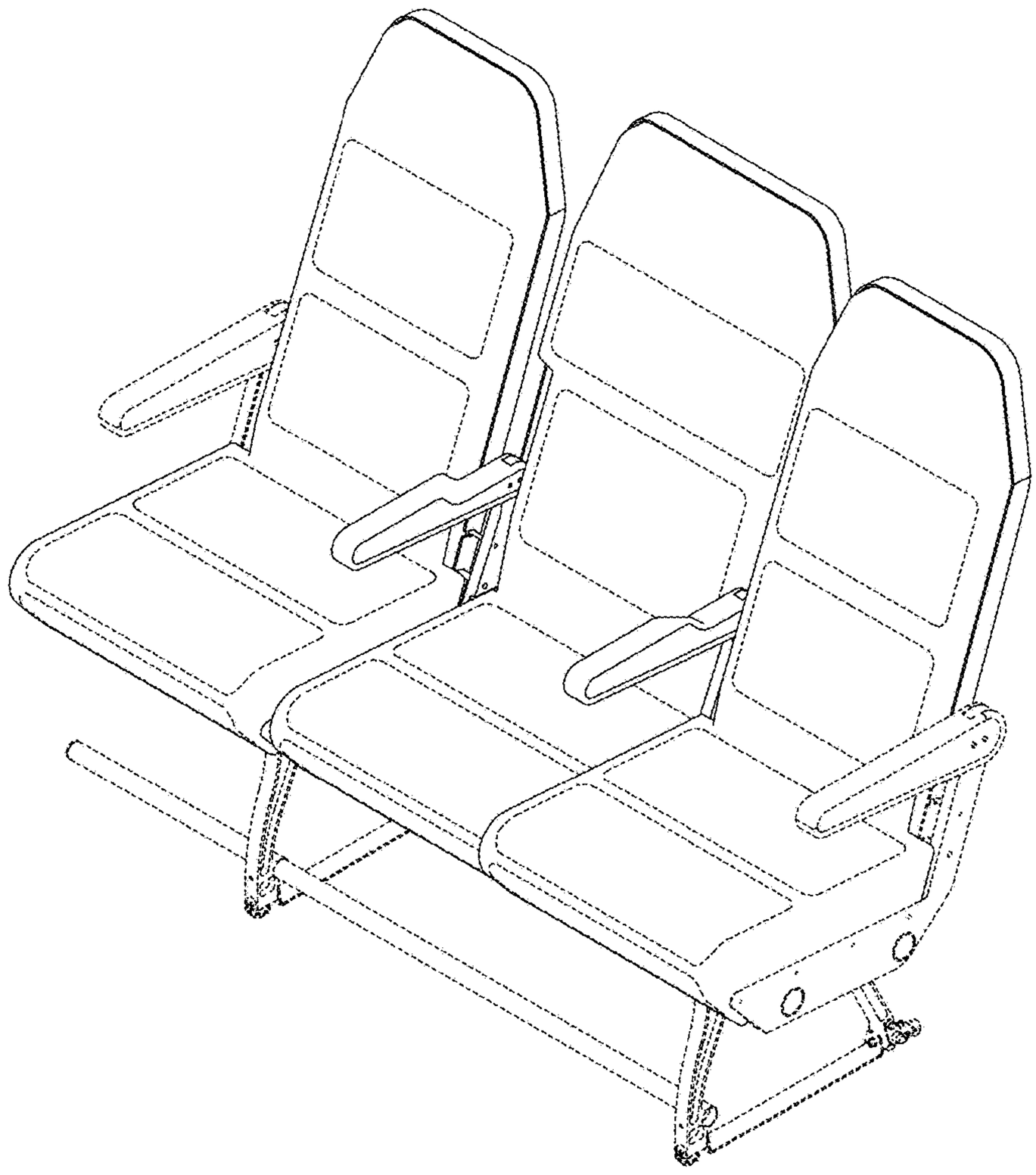


FIG. 1

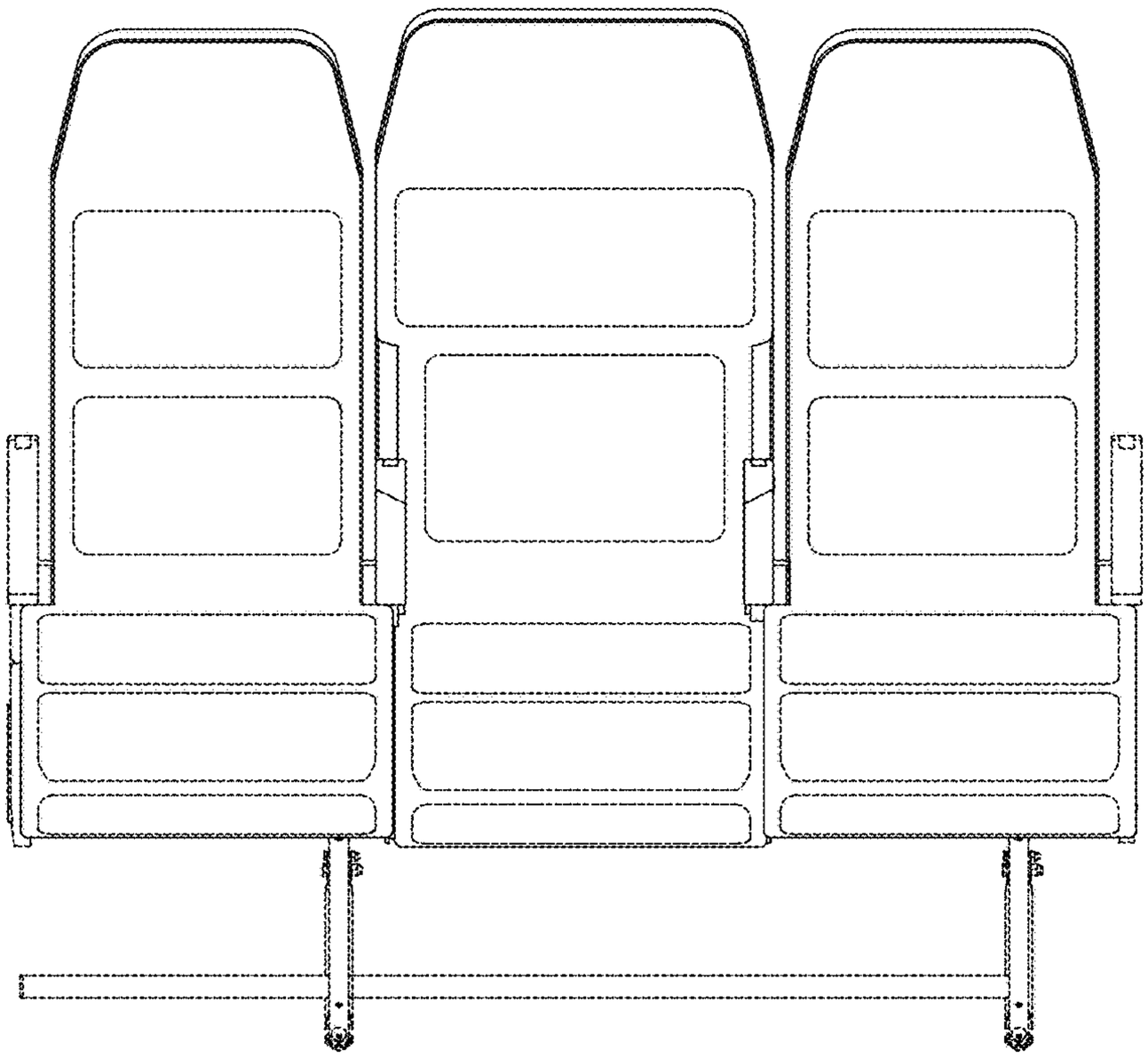


FIG. 2

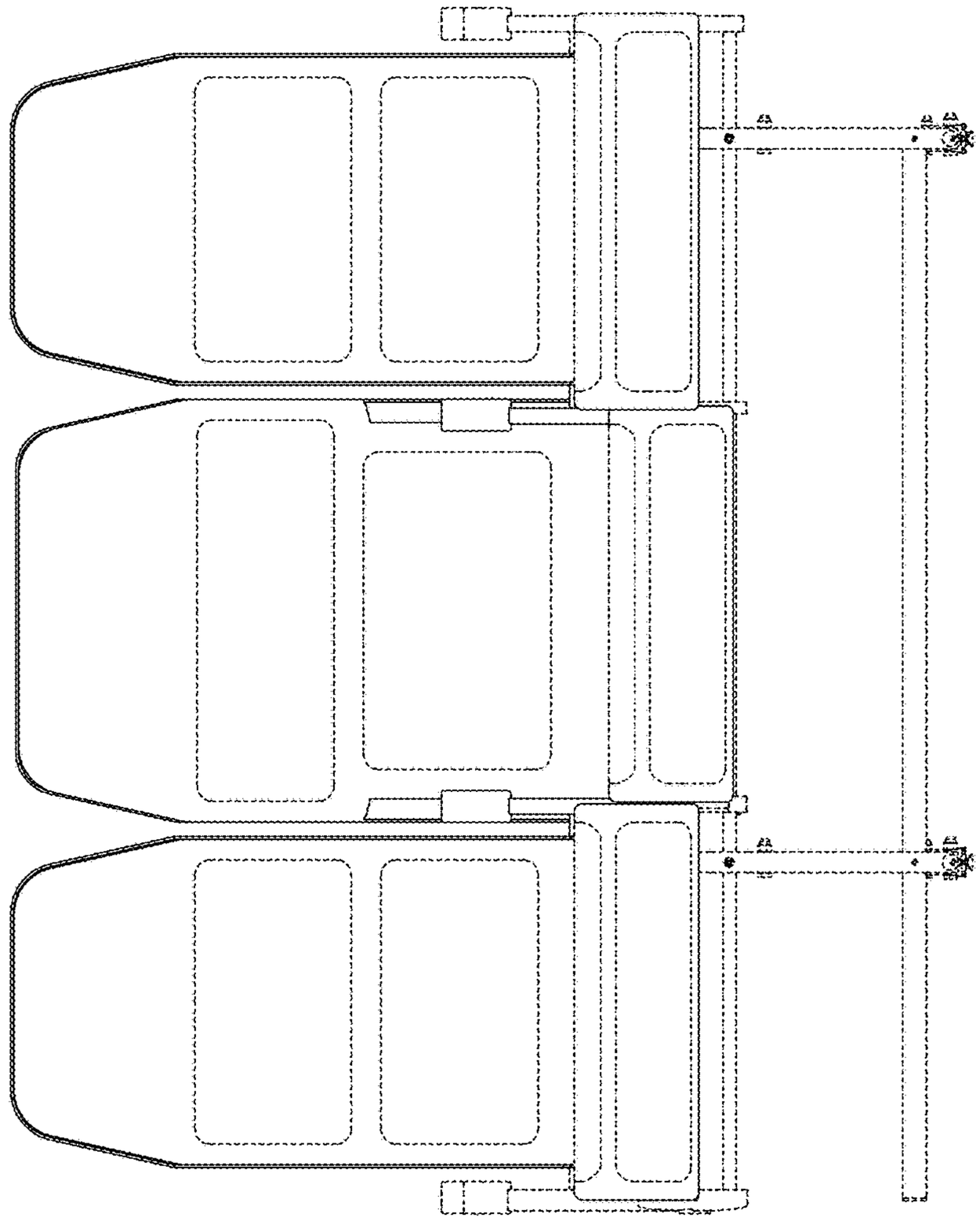


FIG. 3

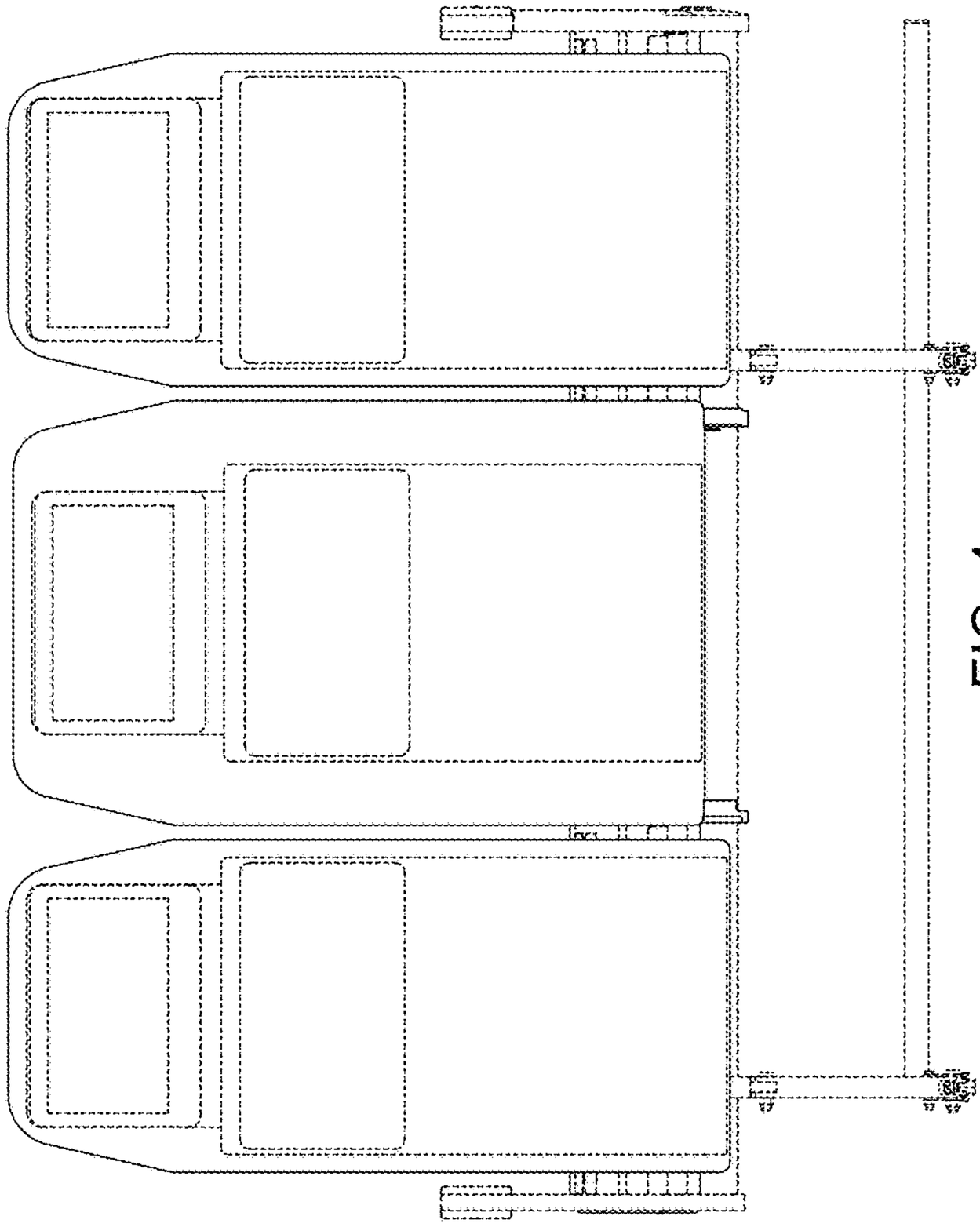


FIG. 4

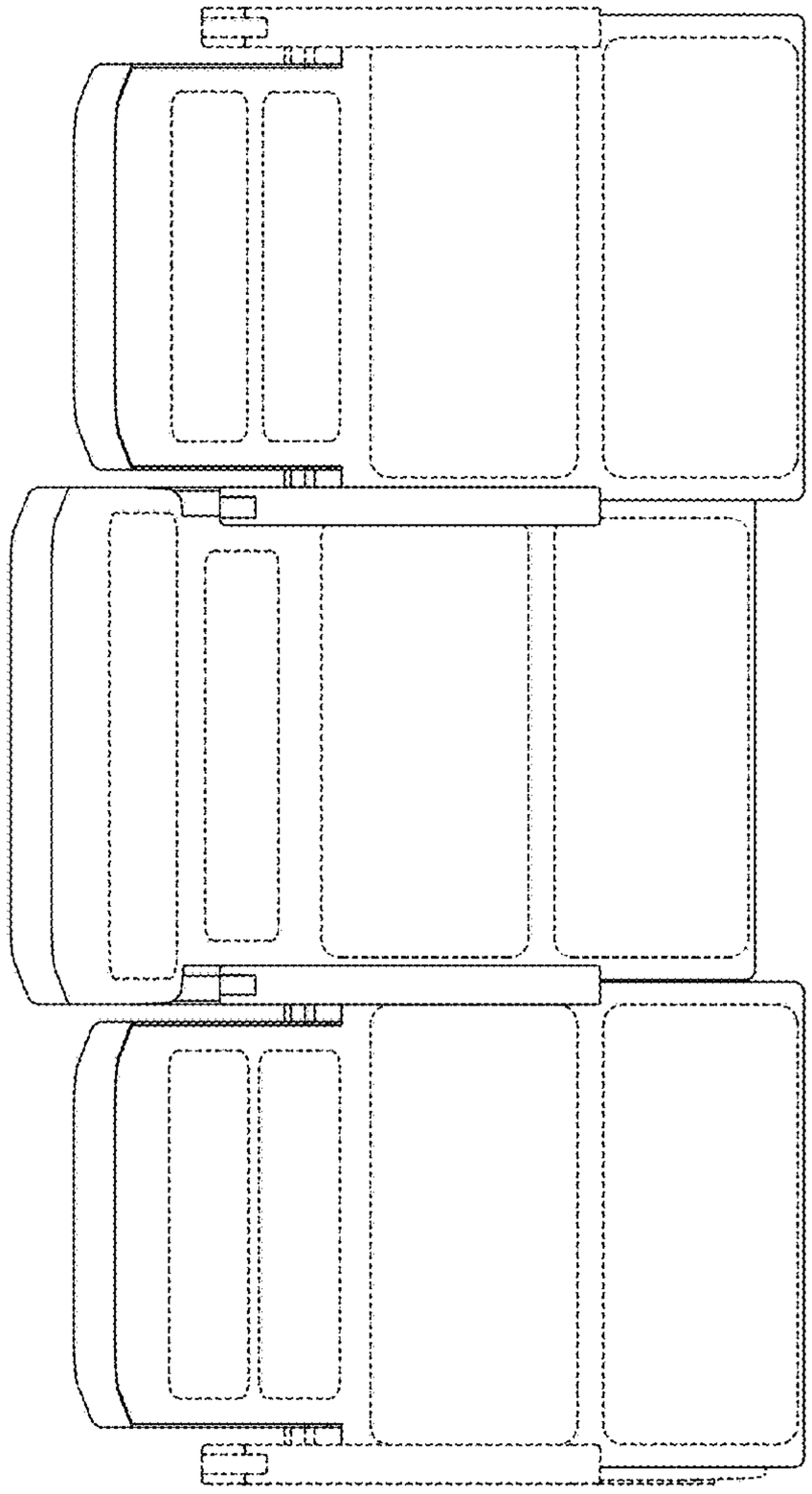


FIG. 5

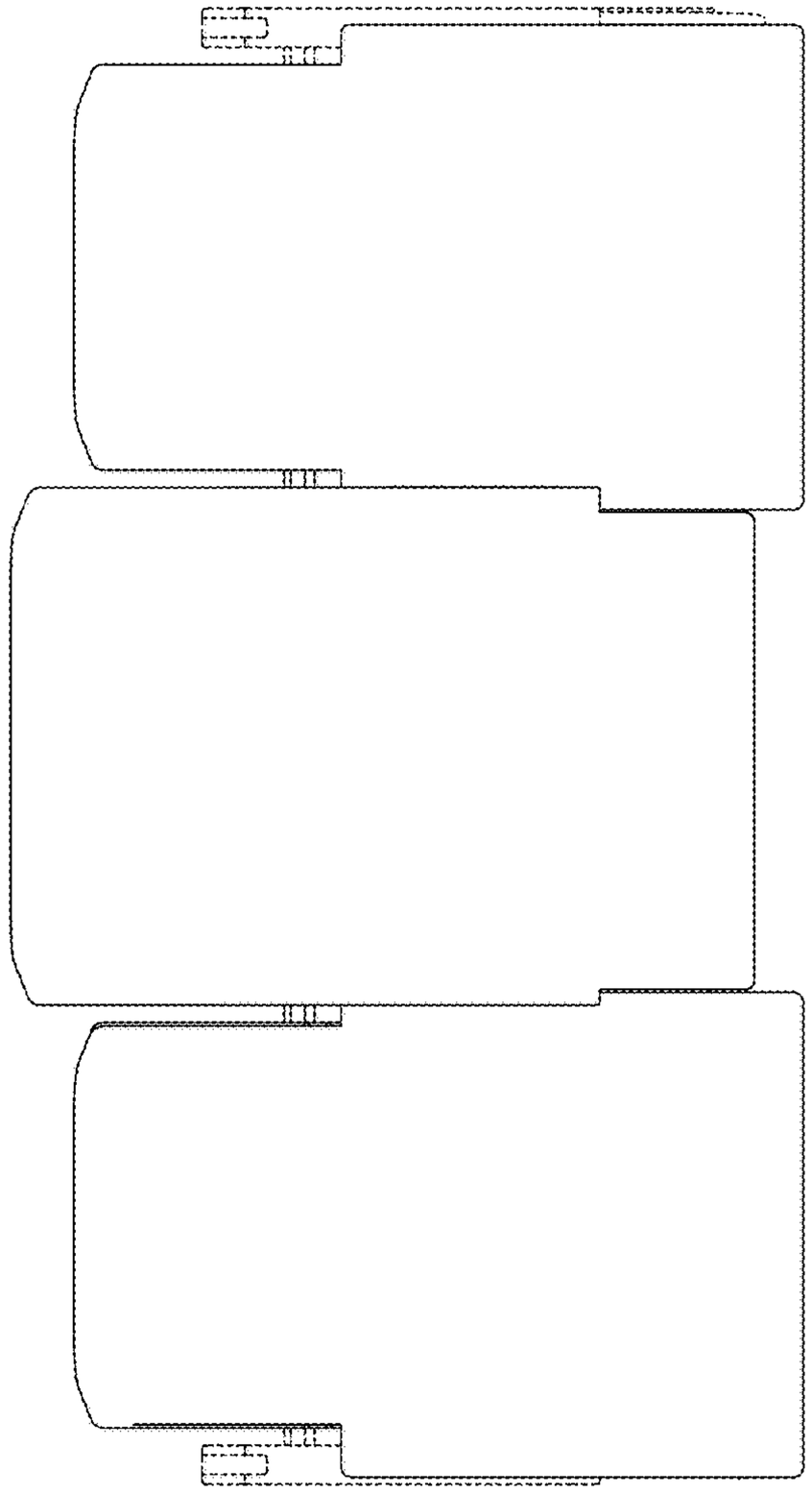
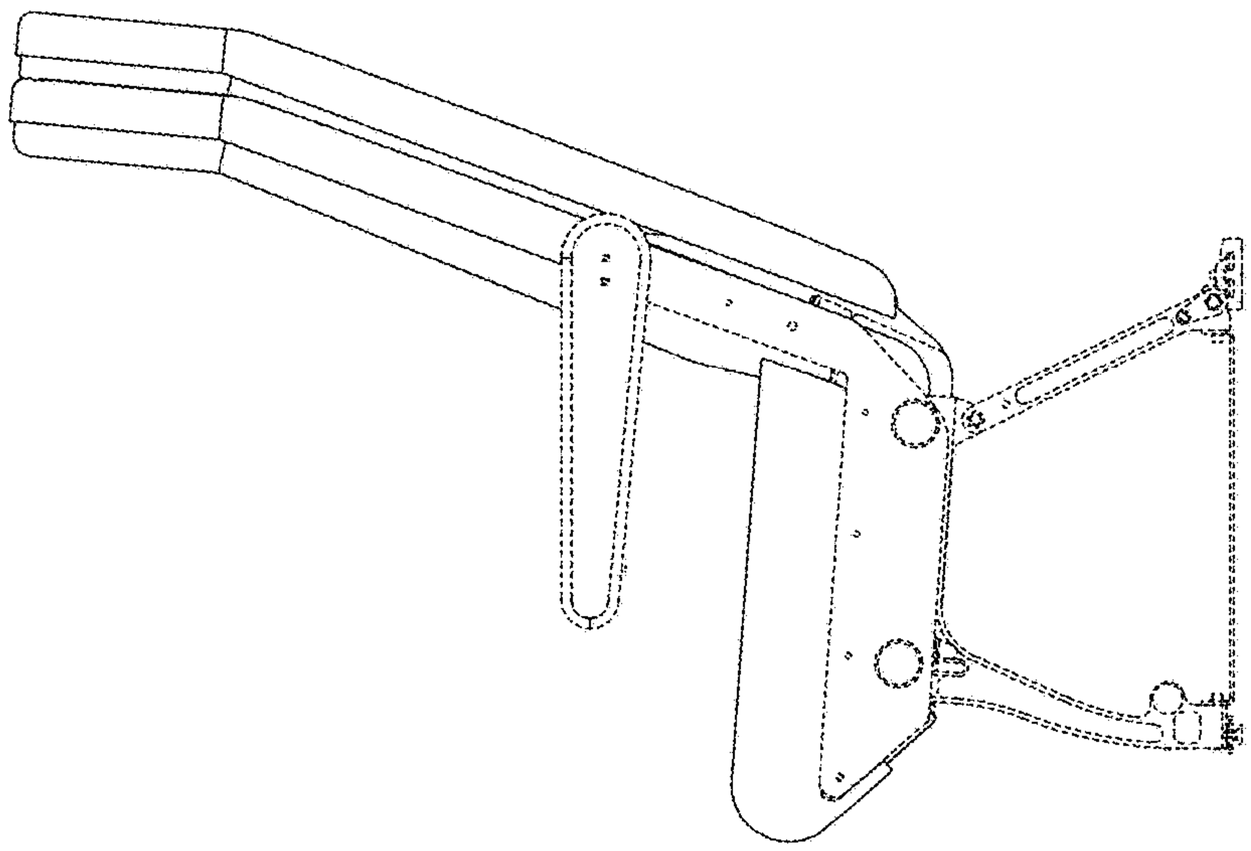


FIG. 6

FIG. 7



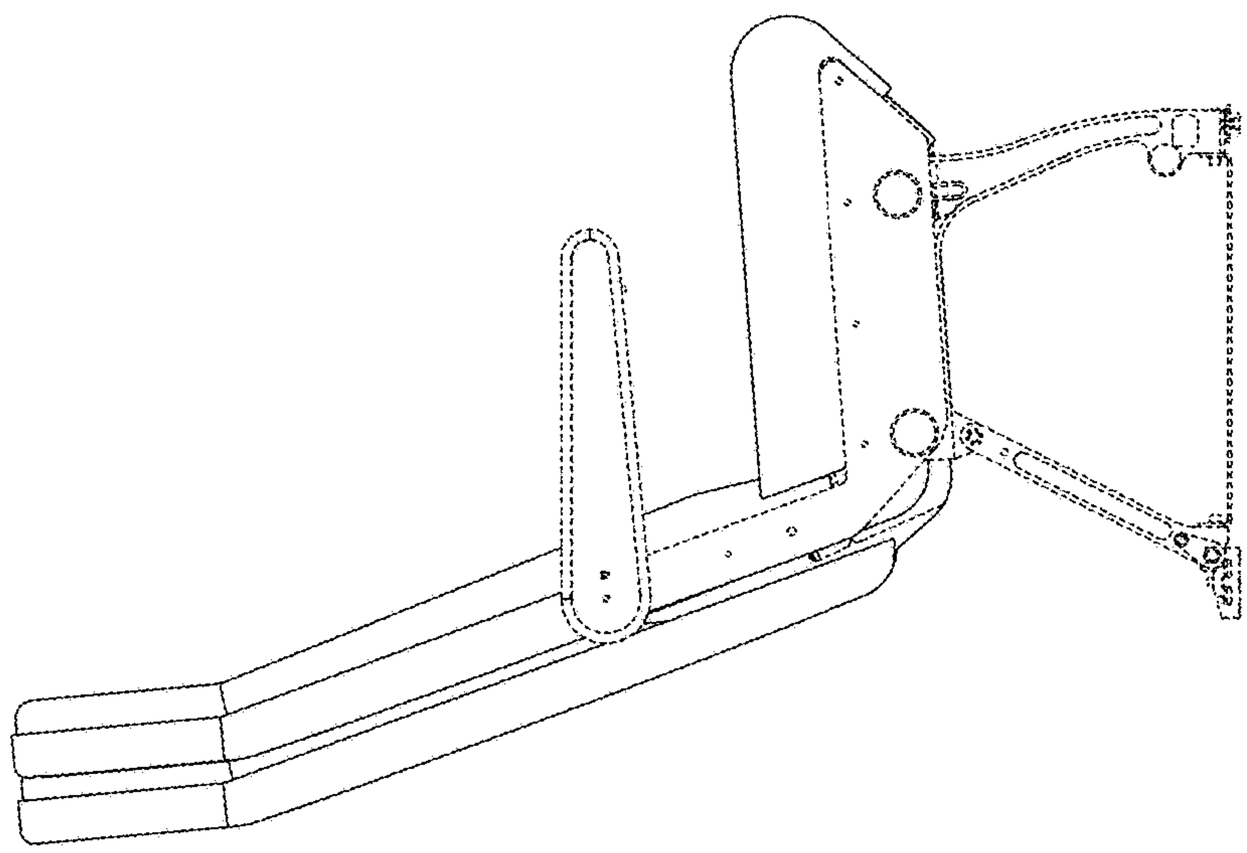


FIG. 8