



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

(10) **Patent No.:** **US D757,605 S**  
(45) **Date of Patent:** **\*\* May 31, 2016**

(54) **PASSENGER CARRYING CAR**

(56) **References Cited**

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(\*\*) Term: **14 Years**

(21) Appl. No.: **29/455,473**

(22) Filed: **May 21, 2013**

(30) **Foreign Application Priority Data**

- Nov. 21, 2012 (JP) ..... 2012-028580
- Nov. 21, 2012 (JP) ..... 2012-028582
- Nov. 21, 2012 (JP) ..... 2012-028583
- Nov. 21, 2012 (JP) ..... 2012-028584
- Nov. 21, 2012 (JP) ..... 2012-028585

(51) **LOC (10) Cl.** ..... **12-03**

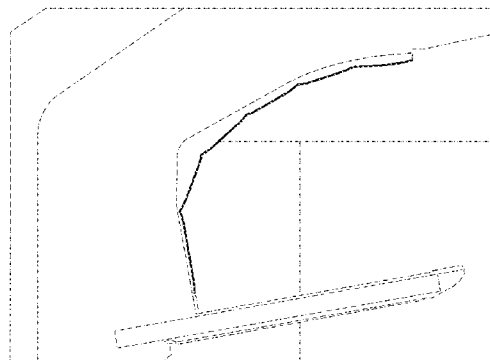
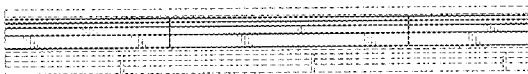
(52) **U.S. Cl.**  
USPC ..... **D12/42**

(58) **Field of Classification Search**  
USPC ..... D12/36-51, 320, 195, 345, 99;  
D11/155; D5/63; 181/290; 105/404,  
105/396, 397; D25/168-164, 58  
CPC ..... B61D 17/12; B61D 17/06; B61D 17/02;  
B61D 17/005; B61D 27/00; B61D 17/045;  
B61D 17/00; B61D 29/00; B61D 17/041;  
B61D 17/07; Y02T 30/32; B60Q 3/25;  
B60Q 3/0256; B60Q 3/02

See application file for complete search history.

U.S. PATENT DOCUMENTS

986,093	A *	3/1911	Small et al. ....	B61D 17/12 52/22
1,175,914	A *	3/1916	Anderson .....	B61D 17/12 52/46
1,218,624	A *	3/1917	Brown .....	B61D 17/12 52/49
1,588,906	A *	6/1926	Rackham .....	B62D 31/04 296/178
2,619,045	A *	11/1952	Dean .....	B61D 17/045 105/399
2,685,263	A *	8/1954	Barnes .....	B61D 17/12 29/431
2,697,990	A *	12/1954	Parsons .....	B61D 17/04 105/397
2,775,186	A *	12/1956	Strobell .....	B60Q 3/025 454/109
2,882,836	A *	4/1959	Dean .....	B60R 5/003 105/329.1
2,925,050	A *	2/1960	Candlin, Jr. ....	B61D 17/08 105/397
2,946,297	A *	7/1960	Dean .....	B61D 1/00 105/345
3,159,089	A *	12/1964	Eggert, Jr. ....	B61D 17/12 454/99
3,486,277	A *	12/1969	Bauer .....	B61D 17/12 52/46
D233,660	S *	11/1974	Gollwitzer et al. ....	D12/195
D244,442	S *	5/1977	Greiss .....	D12/195
4,233,908	A *	11/1980	Omar .....	B61C 11/06 104/89
4,353,313	A *	10/1982	Panagin .....	B61D 17/041 105/397
4,373,447	A *	2/1983	Pfister .....	B61D 17/04 105/399
4,678,226	A *	7/1987	Ishizuka .....	B61D 1/04 105/325
4,993,329	A *	2/1991	Takeich .....	B61D 17/045 105/396
4,995,321	A *	2/1991	Ohmura .....	B61D 1/00 105/396
5,113,769	A *	5/1992	Okuno .....	B61D 17/04 105/397
5,333,554	A *	8/1994	Yamada .....	B61D 17/043 105/397
5,365,662	A *	11/1994	Anderegg .....	B29C 53/584 242/447.1
5,433,151	A *	7/1995	Ohara .....	B61D 17/04 105/397



5,458,066	A *	10/1995	Ishida .....	B61D 17/045 105/397
5,480,729	A *	1/1996	Hattori .....	B61D 17/04 428/593
D732,459	S *	6/2015	Zuber .....	D12/345
9,067,606	B2 *	6/2015	Taguchi .....	B61D 17/08
D743,322	S *	11/2015	Zuber .....	D12/345
2007/0214998	A1 *	9/2007	Komaki .....	B23K 26/22 105/396
2015/0314794	A1 *	11/2015	Takahashi .....	B61D 17/18 105/397

FOREIGN PATENT DOCUMENTS

DE	0573384	A1 *	12/1993 .....	B61D 17/045
FR	0427140	A1 *	5/1991 .....	B61D 17/045
FR	2979316	A1 *	3/2013 .....	B61D 17/045
JP	0345962	A2 *	12/1989 .....	B61D 17/041
JP	WO 2015056347	A1 *	4/2015 .....	B61D 27/00

\* cited by examiner

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(57) CLAIM

The ornamental design for a passenger carrying car, as shown and described.

DESCRIPTION

FIG. 1 is a side view of a passenger carrying car;  
 FIG. 2 is a top view thereof;  
 FIG. 3 is an enlarged cross sectional view thereof taken along lines 3-3 in FIG. 1;  
 FIG. 4 is a partially enlarged view thereof defined by the area 4' in FIG. 2 and taken along the lines 4-4 in FIG. 2;

FIG. 5 is a partially enlarged view thereof defined by the area 5' in FIG. 2 and taken along the lines 5-5 in FIG. 2;  
 FIG. 6 is a partially enlarged cross sectional view thereof defined by the area 6' in FIG. 4;  
 FIG. 7 is a partially enlarged cross sectional view thereof defined by the area 7' in FIG. 2 and taken along the lines 7-7 in FIG. 3;  
 FIG. 8 is a partially enlarged cross sectional view thereof defined by the area 8' in FIG. 7;  
 FIG. 9 is a partially enlarged view thereof defined by the broken line box 9 in FIG. 7;  
 FIG. 10 is a partially enlarged cross sectional view thereof defined by the area 10' in FIG. 2 and taken along the lines 10-10 in FIG. 3;  
 FIG. 11 is a partially enlarged cross sectional view thereof defined by the area 11' in FIG. 10;  
 FIG. 12 is a partially enlarged view thereof defined by the broken line box 12 in FIG. 10;  
 FIG. 13 is a partially enlarged cross sectional view thereof defined by the area 13' in FIG. 3 and taken along the lines 13-13 in FIG. 3;  
 FIG. 14 is a partially enlarged cross sectional view thereof defined by the area 14' in FIG. 13;  
 FIG. 15 is a partially enlarged view thereof defined by the area 15' in FIG. 13;  
 FIG. 16 is another partially enlarged cross sectional view thereof taken along lines 16-16 in FIG. 4; and,  
 FIG. 17 is a partially enlarged cross sectional view thereof defined by the areas 17' and 17'' in FIG. 16.  
 The broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 11 Drawing Sheets

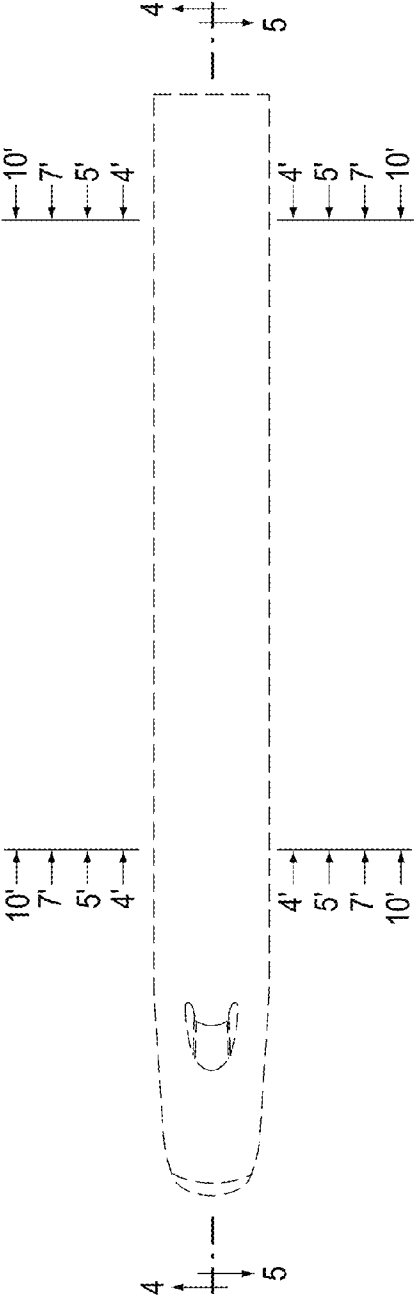


FIG. 2

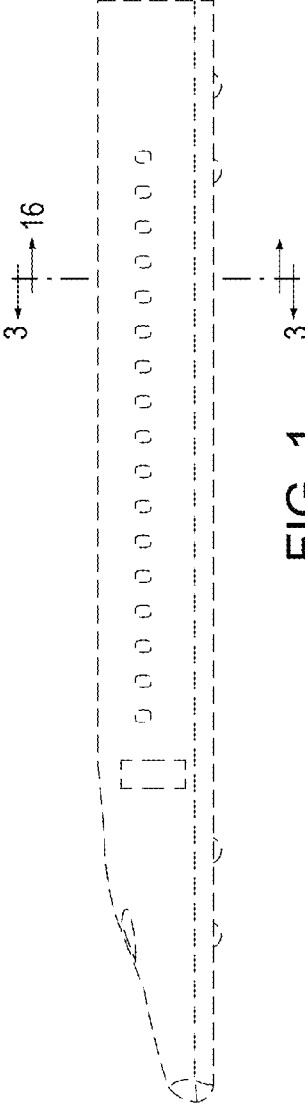


FIG. 1

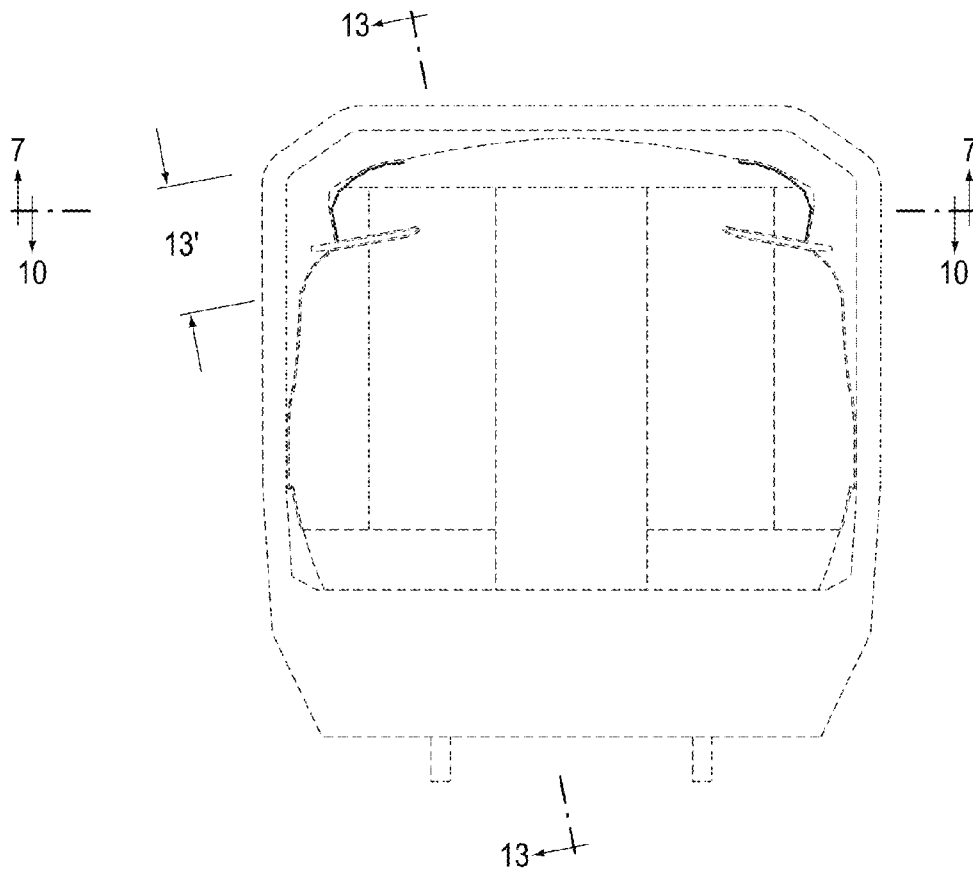


FIG. 3

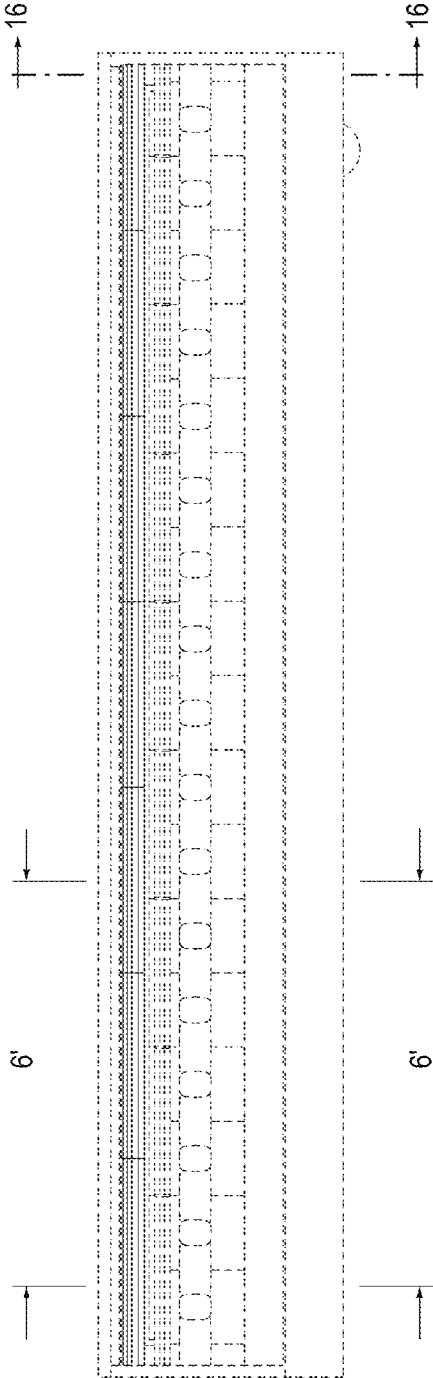


FIG. 4

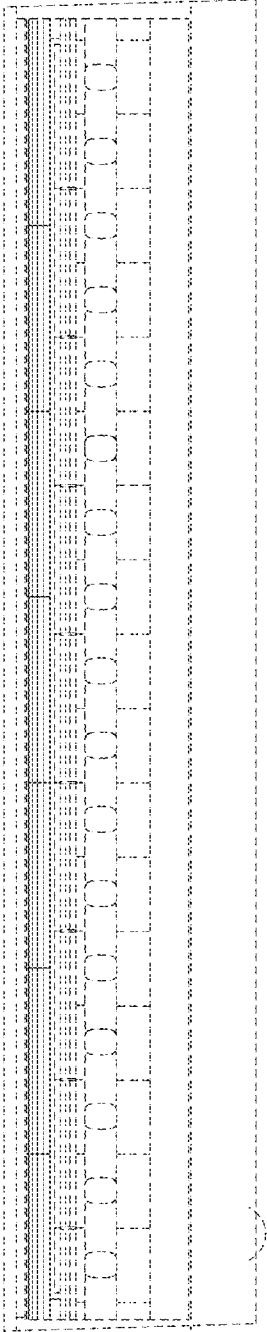


FIG. 5

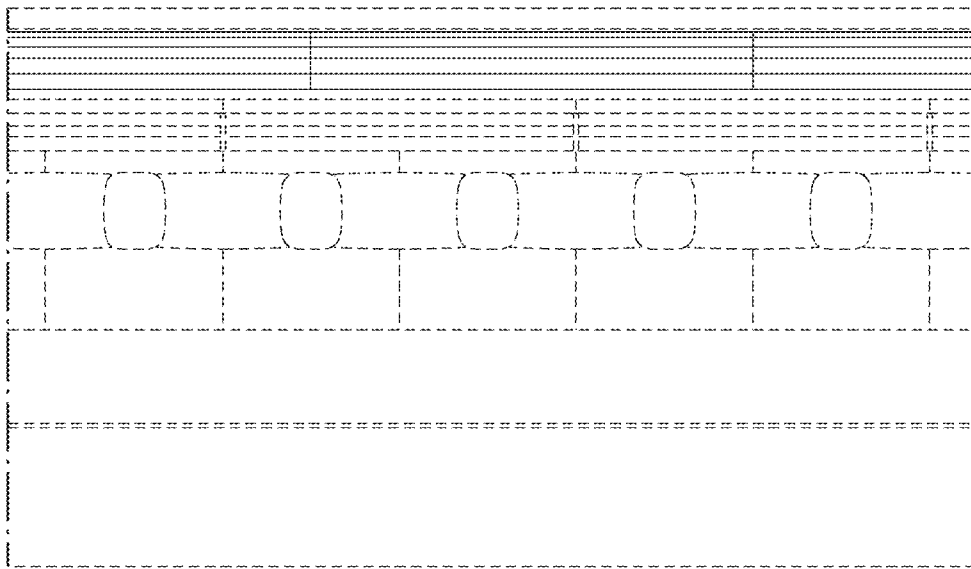


FIG. 6

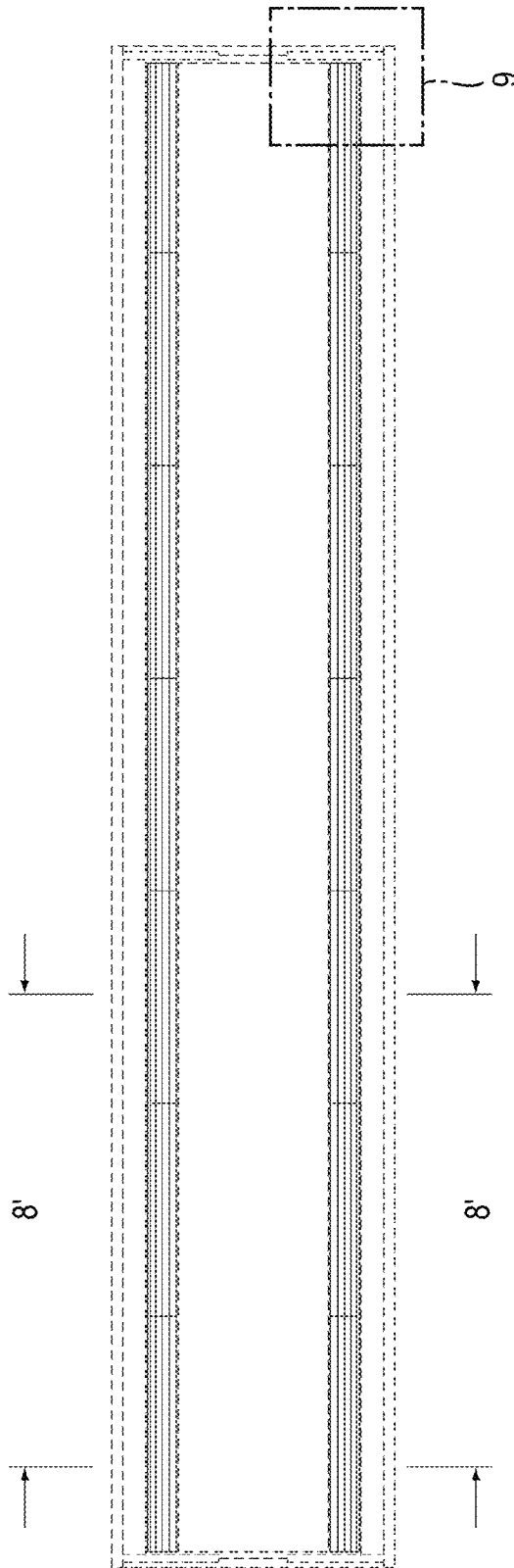


FIG. 7

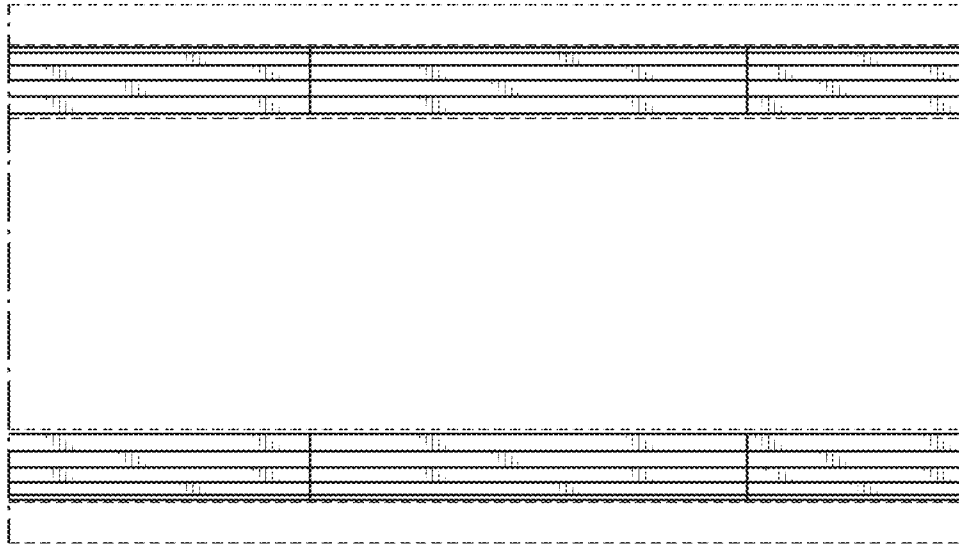


FIG. 8

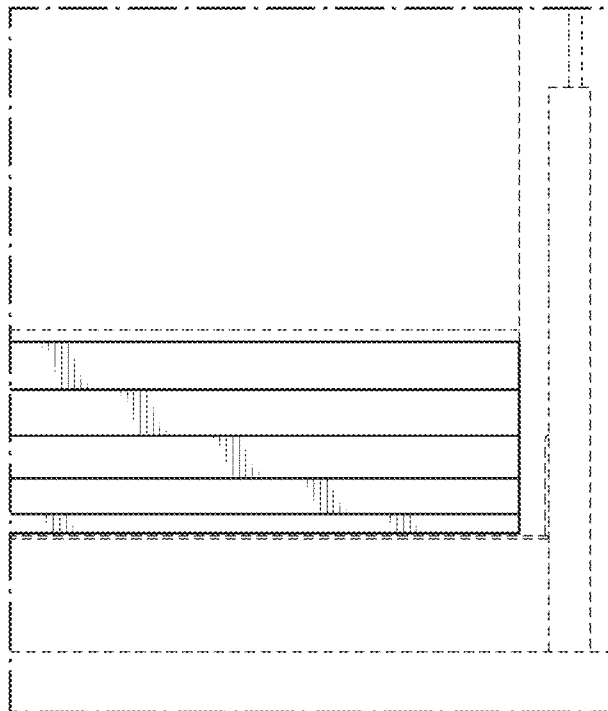


FIG. 9



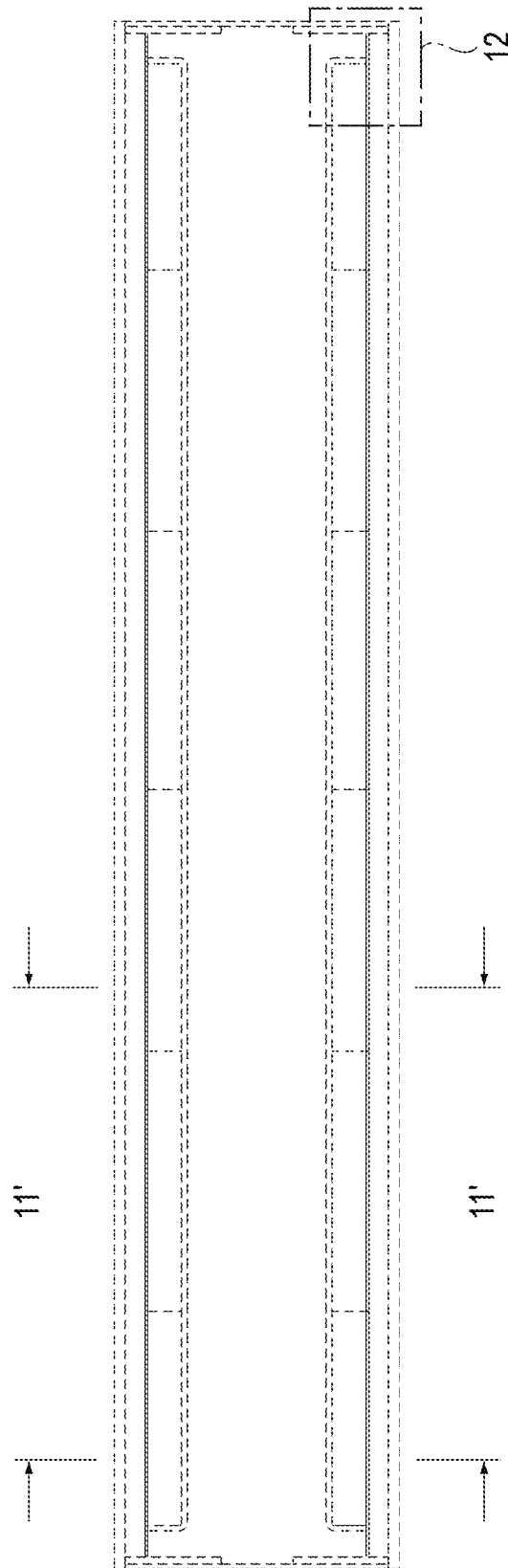


FIG. 10

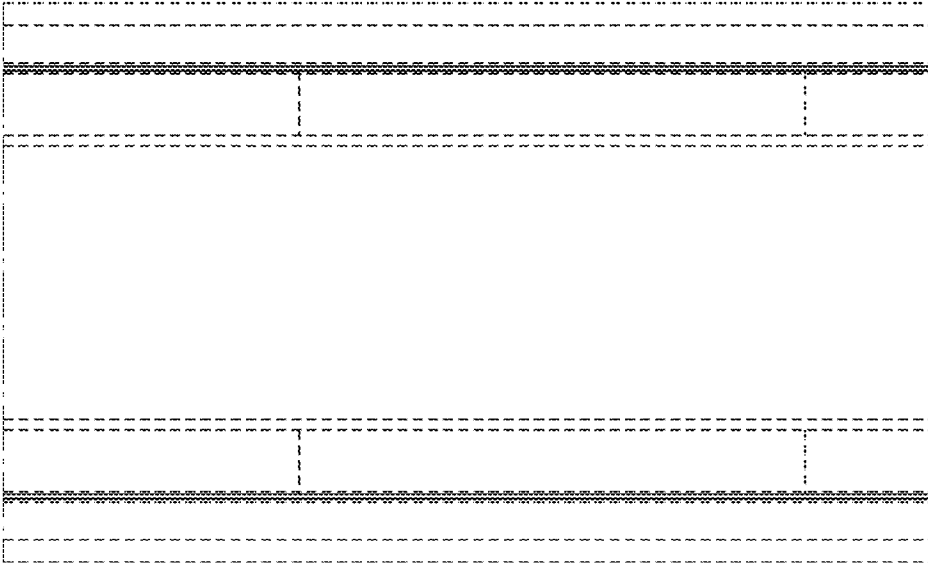


FIG. 11

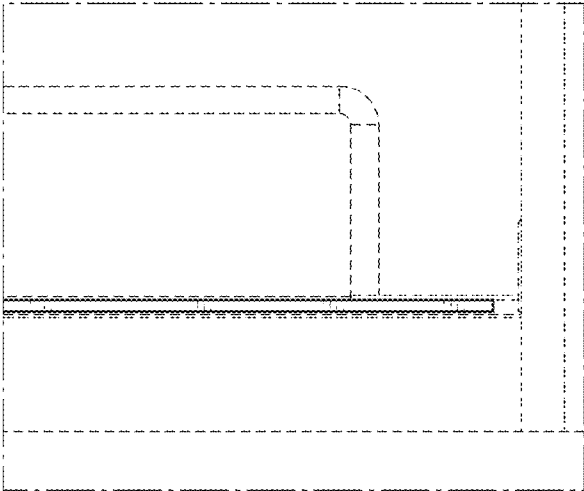


FIG. 12

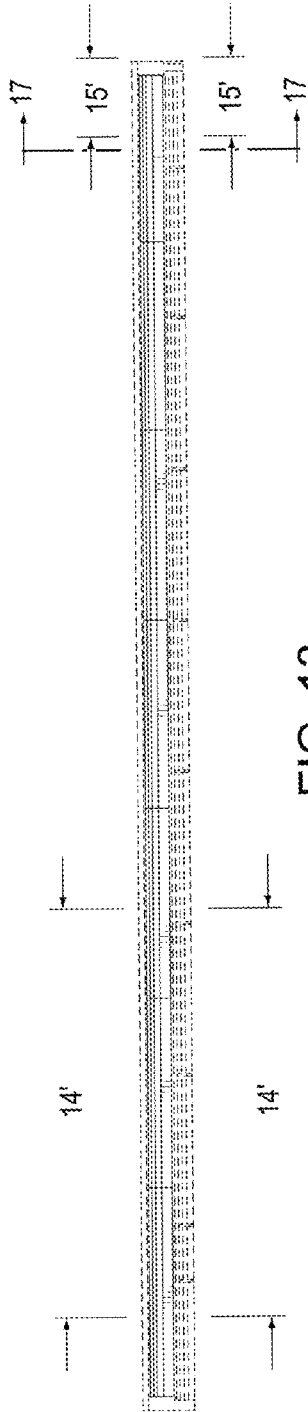


FIG. 13

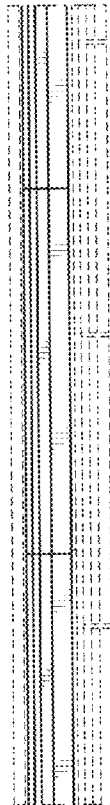


FIG. 14

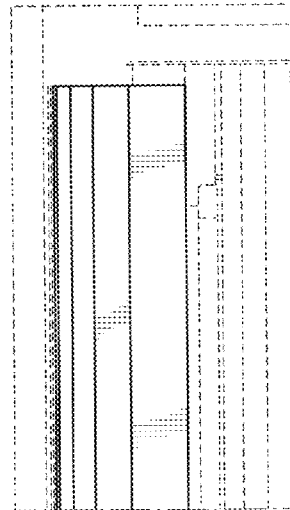


FIG. 15

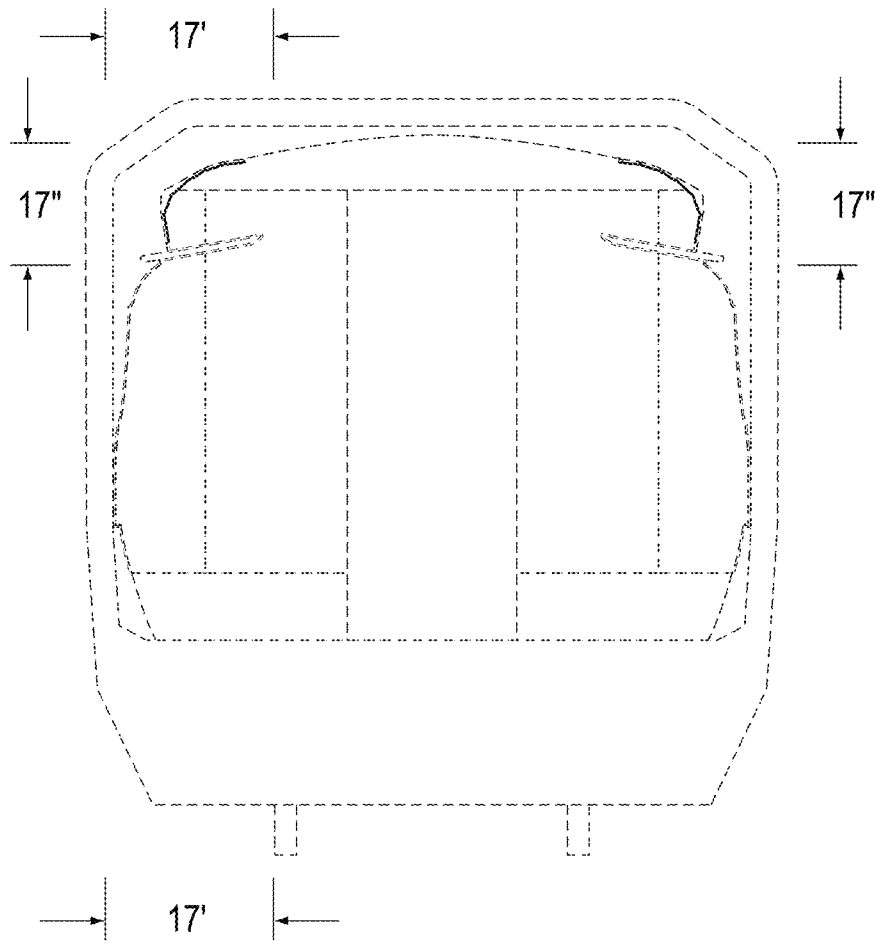


FIG. 16

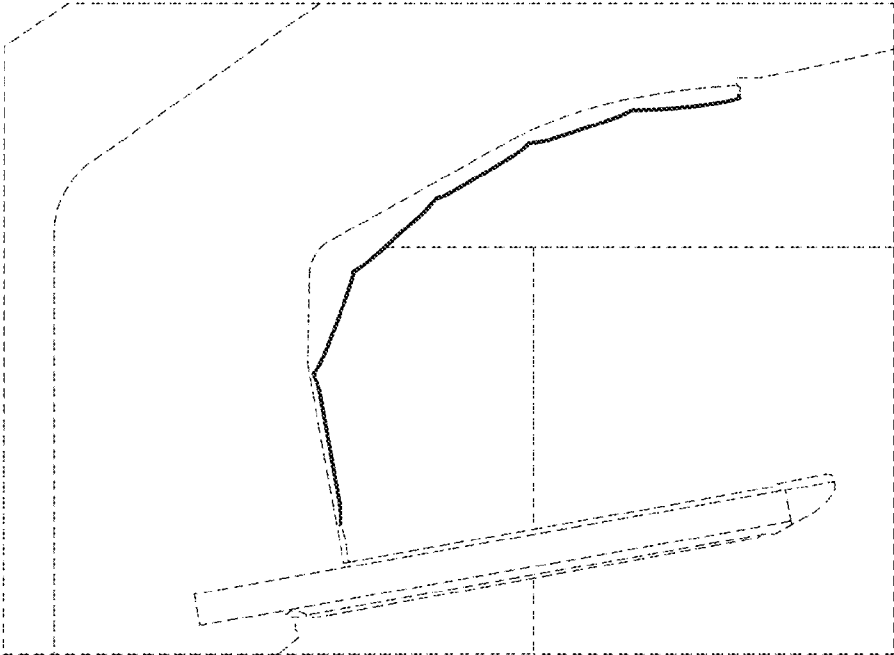


FIG. 17