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United States Design Patent

Hall

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(54) FLIGHT SIMULATOR

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(\*\*) Term: 15 Years

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(58) Field of Classification Search  
USPC D21/324, 325, 326, 327, 328, 329  
CPC A63F 13/08; A63F 13/90; G09B 9/12; G09B 9/32; B25J 13/06  
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

|              |         |              |         |
|--------------|---------|--------------|---------|
| D318,073 S * | 7/1991  | Jang         | D21/326 |
| D380,779 S * | 7/1997  | Shinzato     | D21/326 |
| D392,688 S * | 3/1998  | Isetani      | D21/326 |
| D396,898 S * | 8/1998  | Tsuda        | D21/326 |
| D403,024 S * | 12/1998 | Muraki       | D21/326 |
| D407,758 S * | 4/1999  | Isetani      | D21/326 |
| D407,759 S * | 4/1999  | Isetani      | D21/326 |
| D453,945 S * | 2/2002  | Shan         | D21/326 |
| D471,594 S * | 3/2003  | Nojo         | D21/326 |
| D493,843 S * | 8/2004  | Jackson, Sr. | D21/326 |
| D500,098 S * | 12/2004 | Doi          | D21/477 |
| D507,022 S * | 7/2005  | Tsujino      | D21/325 |
| D541,875 S * | 5/2007  | Wada         | D21/326 |
| D545,912 S * | 7/2007  | Nunokawa     | D21/326 |
| D612,433 S * | 3/2010  | Mori         | D21/326 |

|                   |         |                        |                  |
|-------------------|---------|------------------------|------------------|
| D658,721 S *      | 5/2012  | Yang                   | D21/370          |
| D701,917 S *      | 4/2014  | Ghahramanian           | D21/333          |
| D802,676 S *      | 11/2017 | Steelman               | D21/326          |
| D889,545 S *      | 7/2020  | Jones                  | D21/325          |
| D889,546 S *      | 7/2020  | Jones                  | D21/326          |
| D939,024 S *      | 12/2021 | Lin                    | D21/325          |
| D959,557 S *      | 8/2022  | Sakai                  | D21/326          |
| D978,967 S *      | 2/2023  | Ghahramanian           | D21/333          |
| 2012/0301853 A1 * | 11/2012 | Garvis                 | G09B 9/14 434/58 |
| 2020/0057311 A1 * | 2/2020  | Radel                  | H04N 13/128      |
| 2021/0192969 A1 * | 6/2021  | de Oliveira Alves, Jr. | B25J 13/065      |

FOREIGN PATENT DOCUMENTS

|    |                    |        |            |
|----|--------------------|--------|------------|
| CN | 218631089 U *      | 3/2023 |            |
| EP | 3591641 A1 *       | 1/2020 | A63F 13/24 |
| WO | WO-2016085507 A1 * | 6/2016 | A63G 31/16 |
| WO | WO-2022104459 A1 * | 5/2022 |            |

\* cited by examiner

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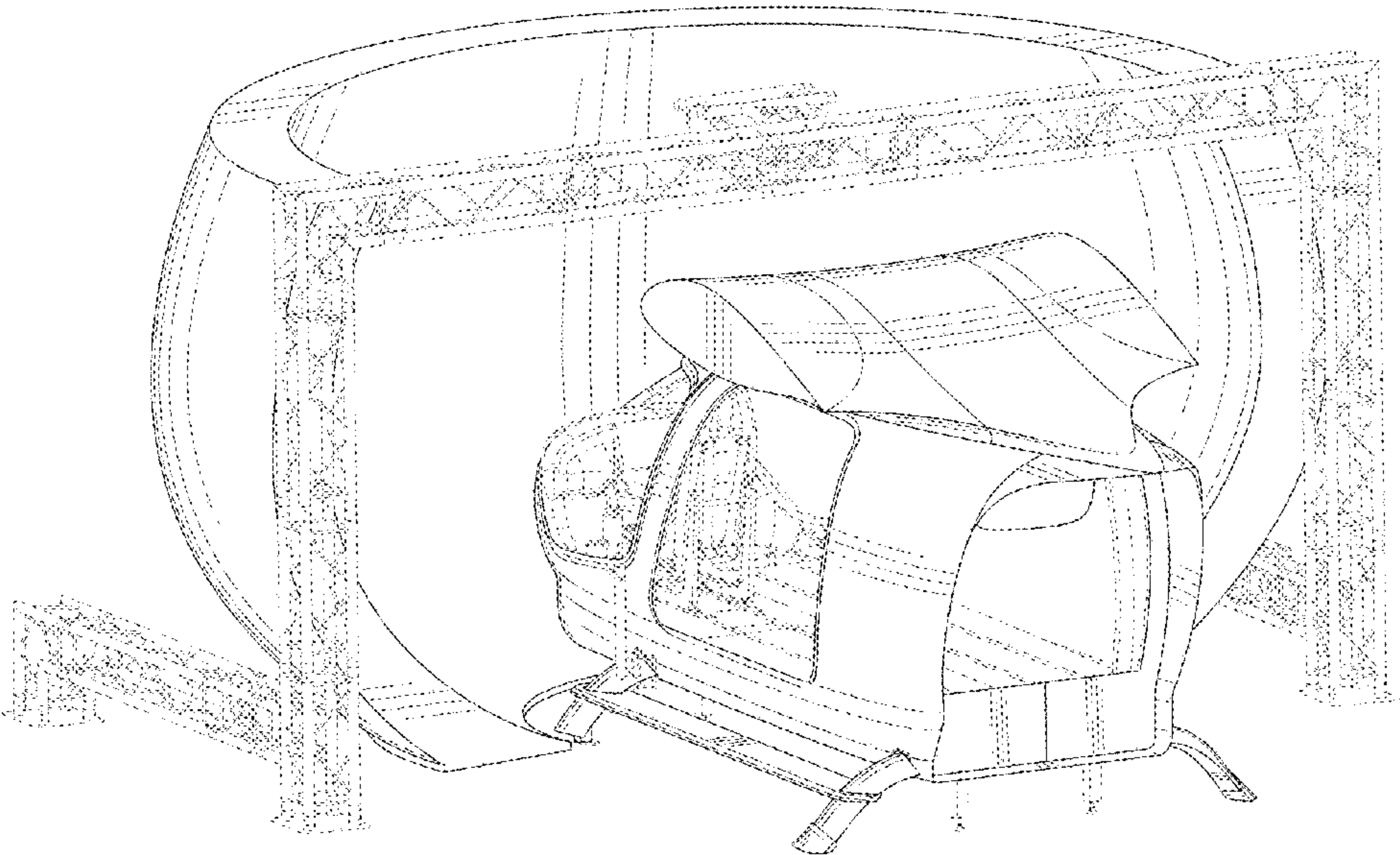
(57) CLAIM

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

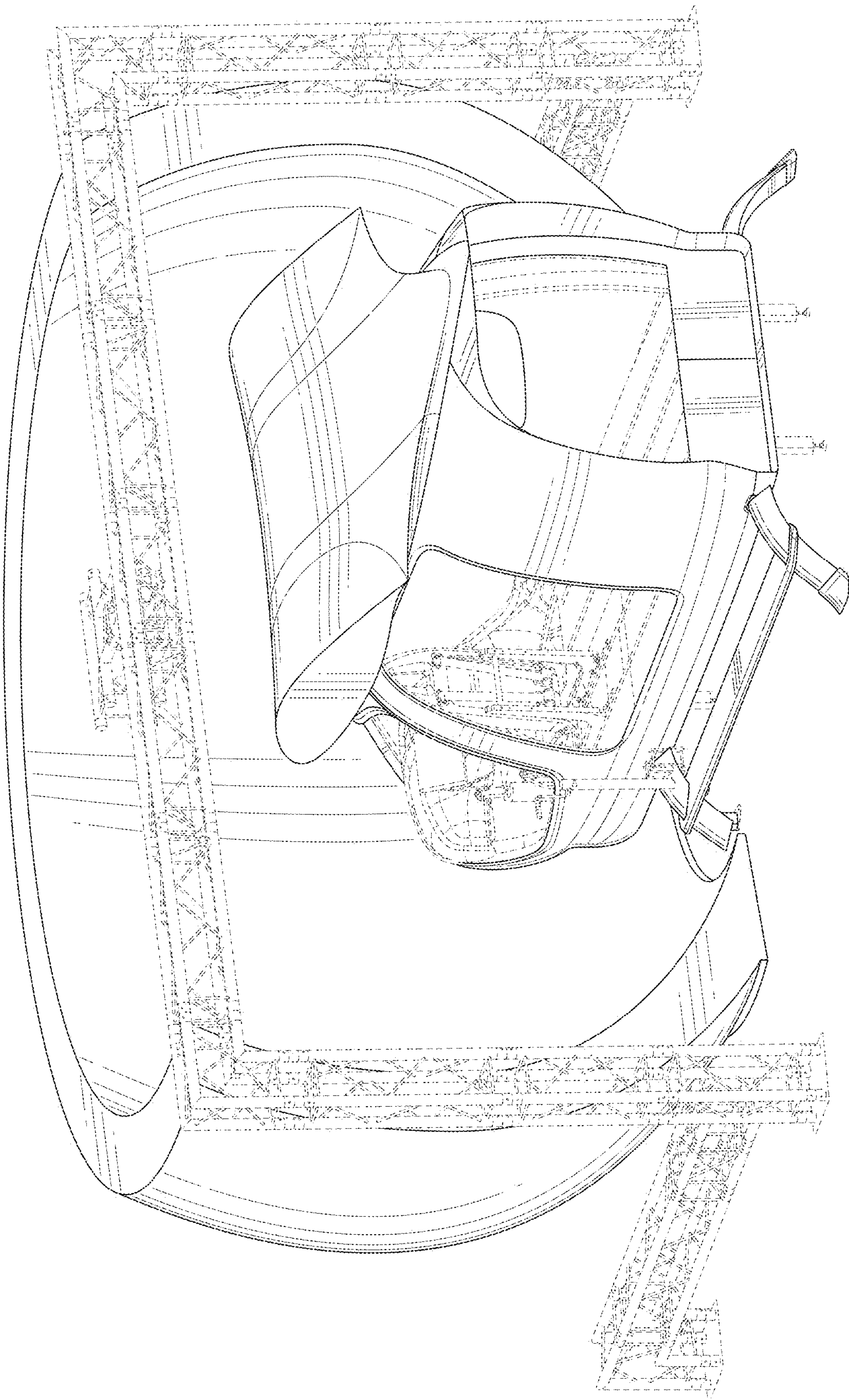
DESCRIPTION

FIG. 1 is a perspective view of a flight simulator showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a side view thereof;  
FIG. 5 is a second side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.  
The broken lines in the figures show portions of the flight simulator that form no part of the claimed design.

1 Claim, 7 Drawing Sheets







**FIG. 1**



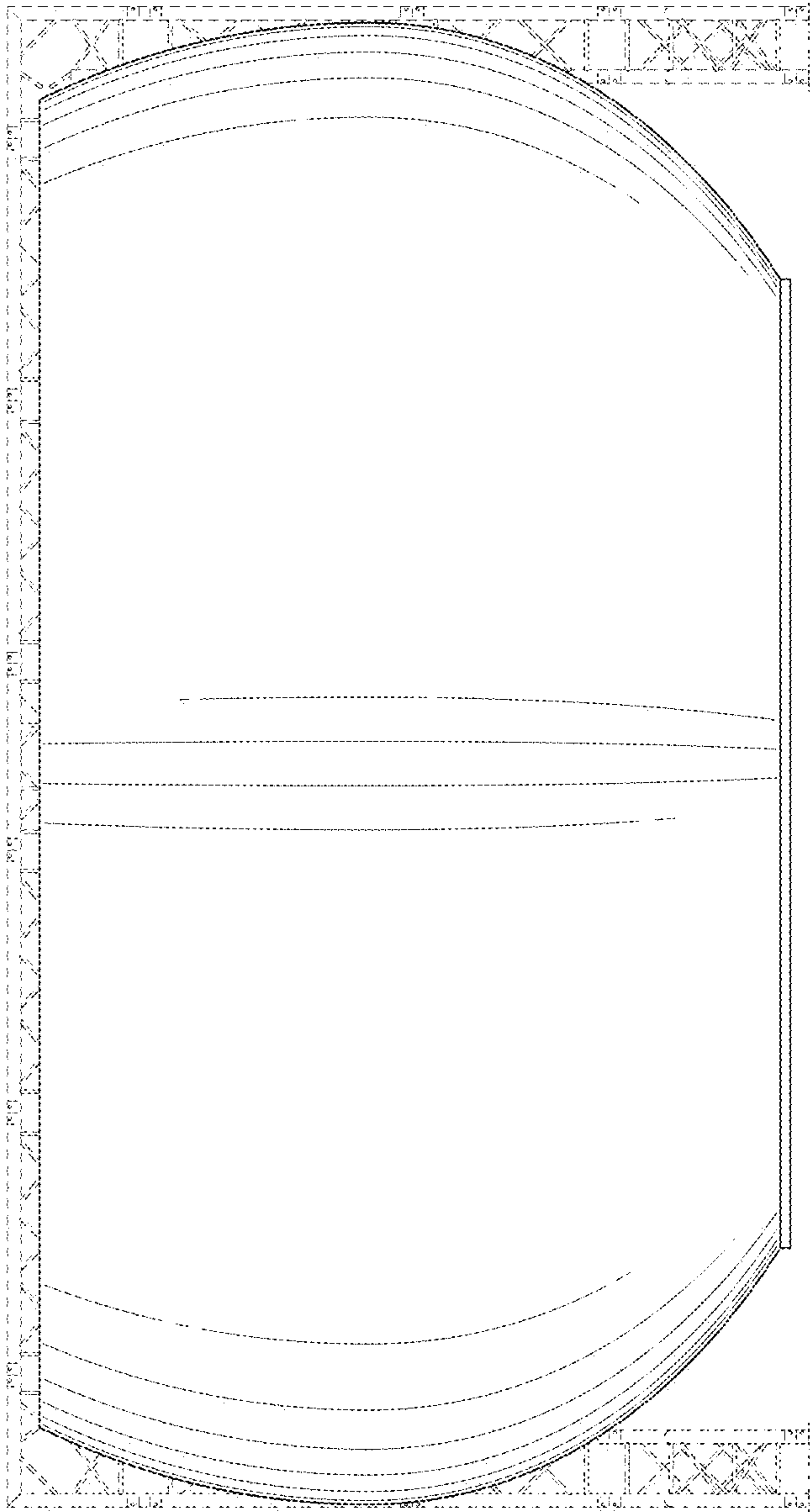


FIG. 2



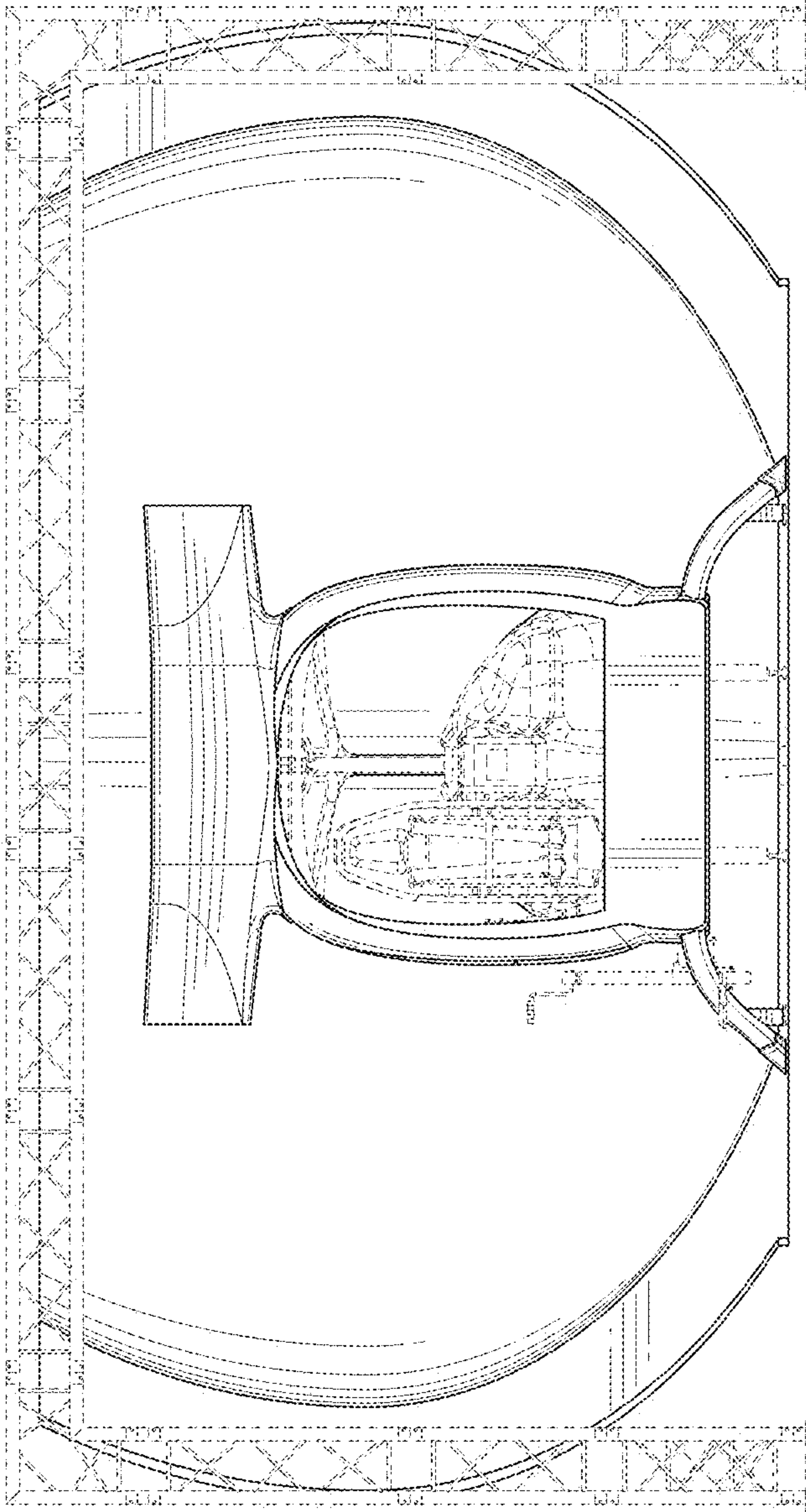
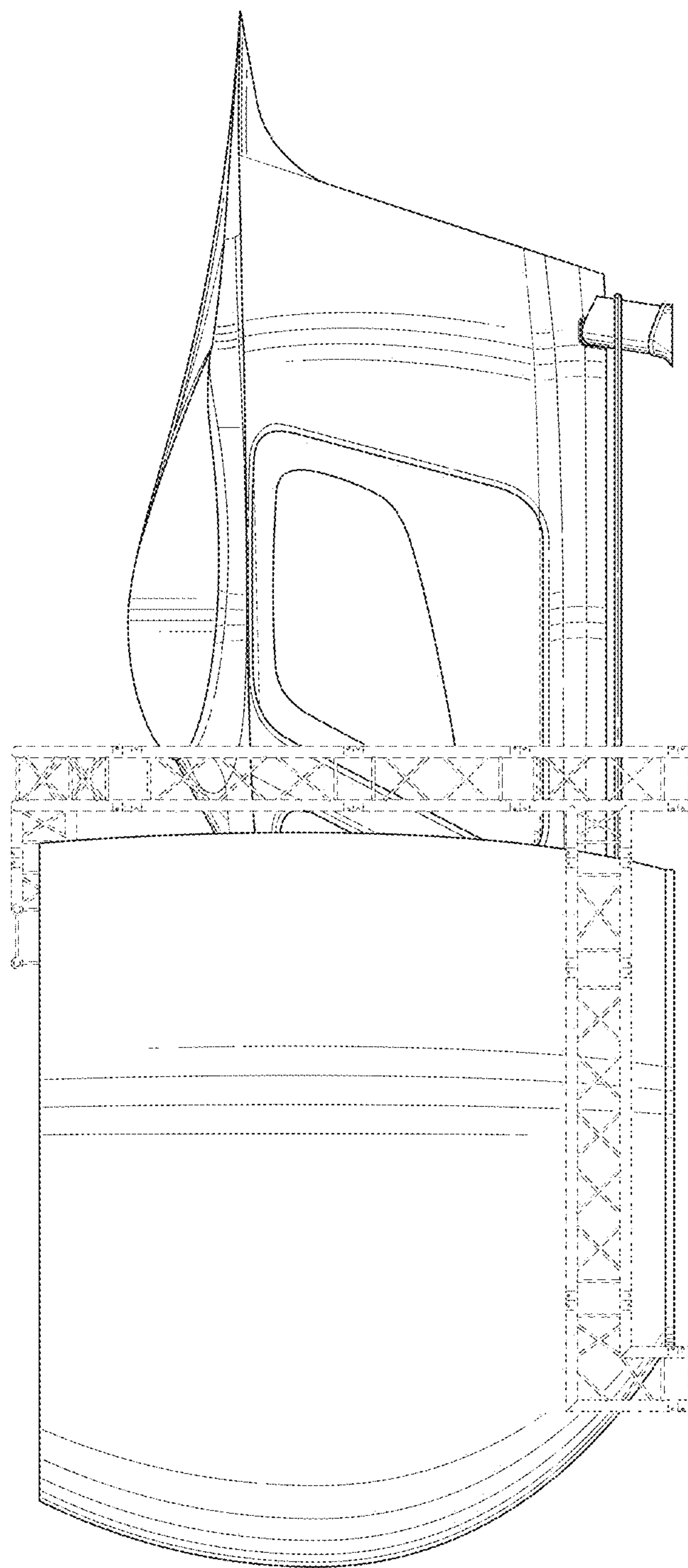


FIG. 3





**FIG. 4**



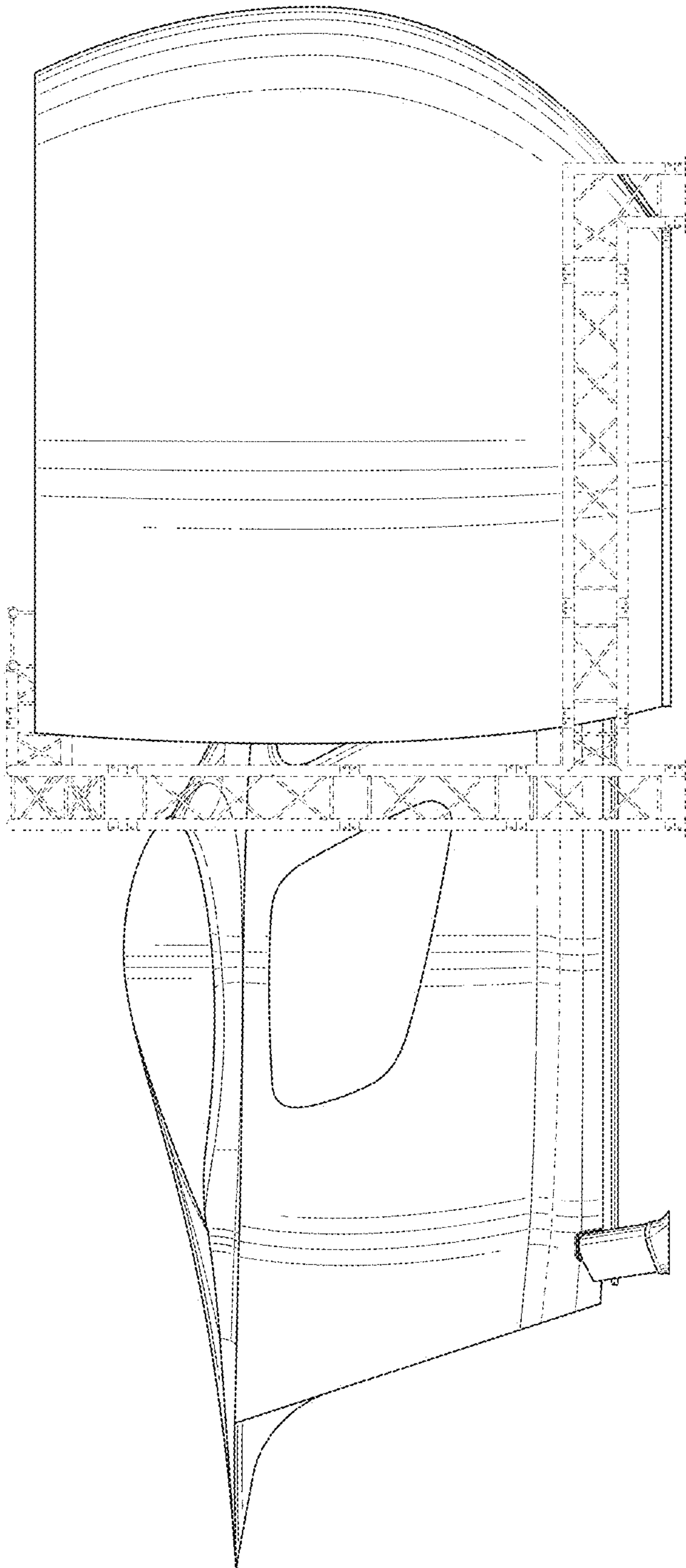
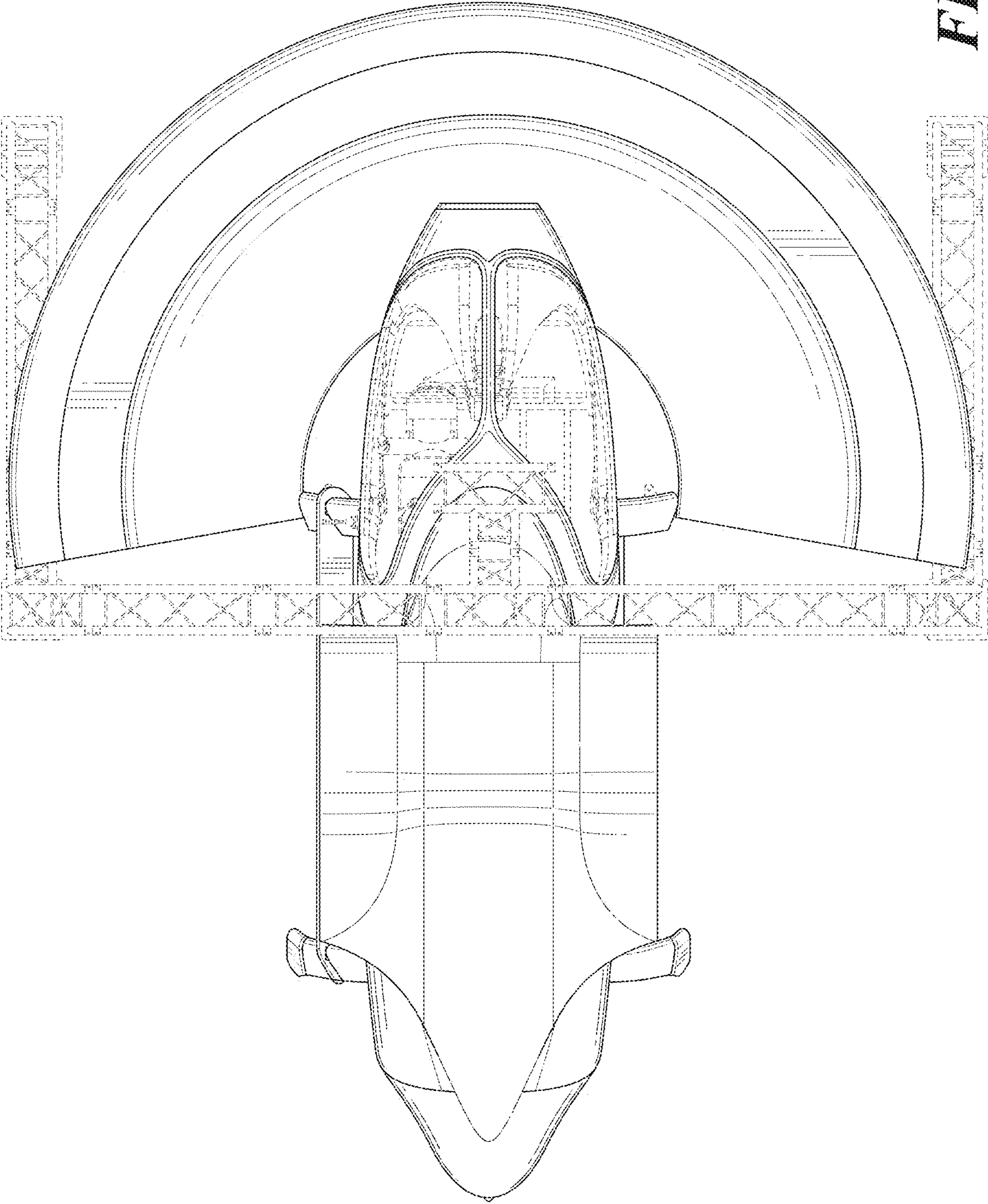


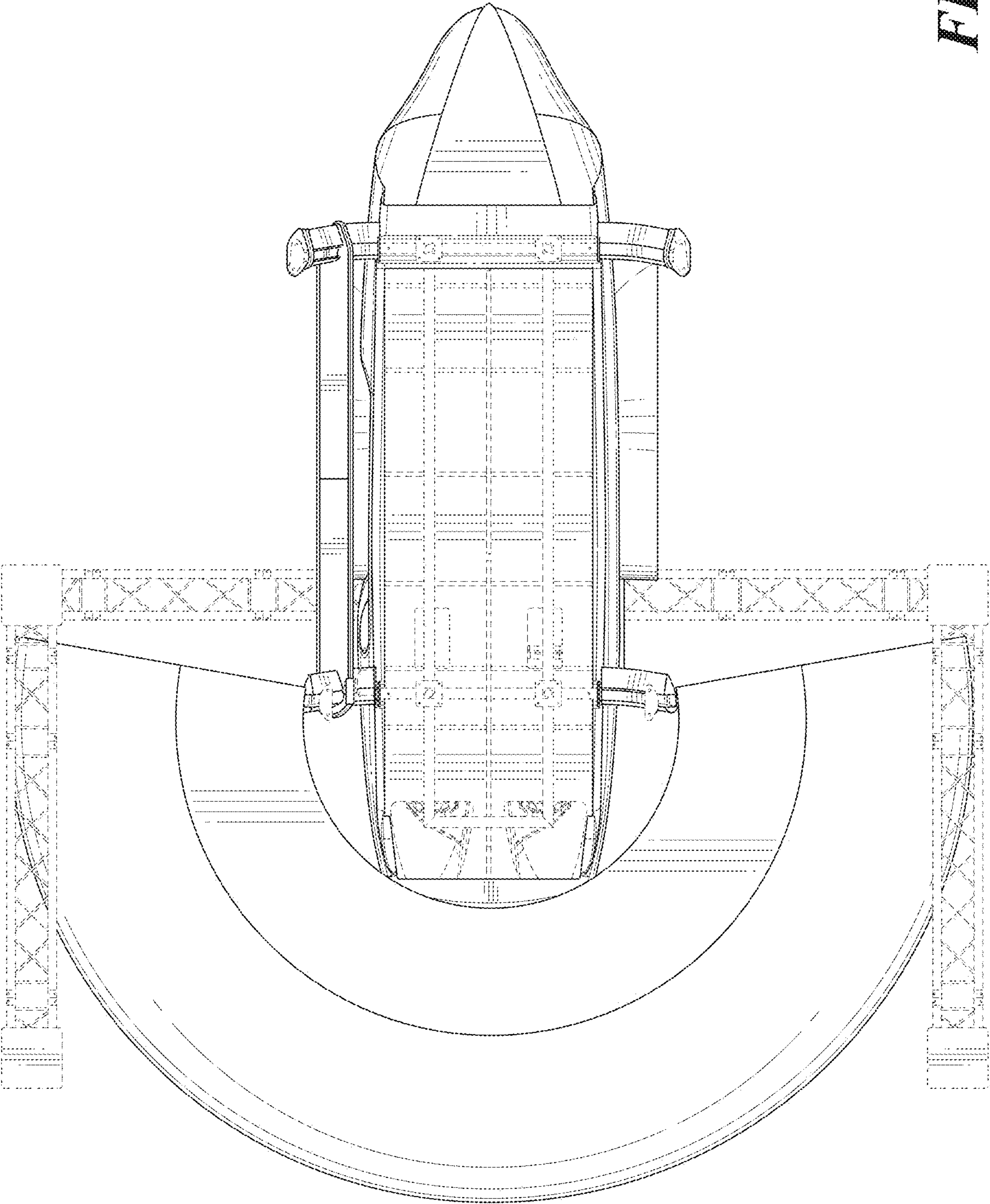
FIG. 5





**FIG. 6**





**FIG. 7**