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(12) **United States Design Patent** (10) **Patent No.:** **US D836,767 S**  
**Li** (45) **Date of Patent:** **\*\* Dec. 25, 2018**

(54) **FAN HOUSING**  
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(52) **U.S. Cl.**  
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D23/378-397, 400, 411, 412, 414-419,  
D23/499; D32/15  
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F04D 27/004; F04D 19/002  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D137,596 S \* 4/1944 Green ..... D23/328  
D145,544 S \* 9/1946 Swartzbaugh ..... D23/336  
D149,266 S \* 4/1948 Gustafson ..... D23/336  
D152,841 S \* 2/1949 Thompson et al. .... D23/336  
D154,703 S \* 8/1949 Phillips ..... 416/244 R  
D164,613 S \* 9/1951 Wahlberg et al. .... D23/336  
D167,093 S \* 6/1952 Moore ..... D23/377  
D195,287 S \* 5/1963 Downing ..... D23/370  
D217,460 S \* 5/1970 Greubel ..... D23/370  
D256,273 S \* 8/1980 Townsend ..... D23/336  
D323,708 S \* 2/1992 Wang ..... D23/382  
D325,628 S \* 4/1992 Cho ..... D23/370  
D340,765 S \* 10/1993 Joss ..... D23/332

D506,818 S \* 6/2005 Lin ..... D23/370  
6,953,376 B1 \* 10/2005 Kim ..... A63H 33/28  
446/15  
D566,252 S \* 4/2008 Blateri ..... D23/336  
D567,934 S \* 4/2008 Shapiro ..... D23/411  
D597,193 S \* 7/2009 Reuter ..... D23/382  
D597,639 S \* 8/2009 Chen Lee ..... D23/328  
D642,629 S \* 8/2011 Lo ..... D21/401  
D643,477 S \* 8/2011 Lo ..... D21/401  
D672,863 S \* 12/2012 Romero Carreras ..... D23/370  
D681,184 S \* 4/2013 Romero Carreras ..... D23/370  
D693,068 S \* 11/2013 Tan ..... D30/158  
D703,302 S \* 4/2014 Ruck ..... D23/370  
9,335,061 B2 \* 5/2016 Avedon ..... F24F 7/065  
D777,311 S \* 1/2017 Chen ..... D23/332  
D790,009 S \* 6/2017 Lo ..... D21/401  
2009/0068010 A1 \* 3/2009 Chang ..... F04D 25/08  
415/220  
2010/0266400 A1 \* 10/2010 Avedon ..... F04D 29/542  
415/209.3

(Continued)

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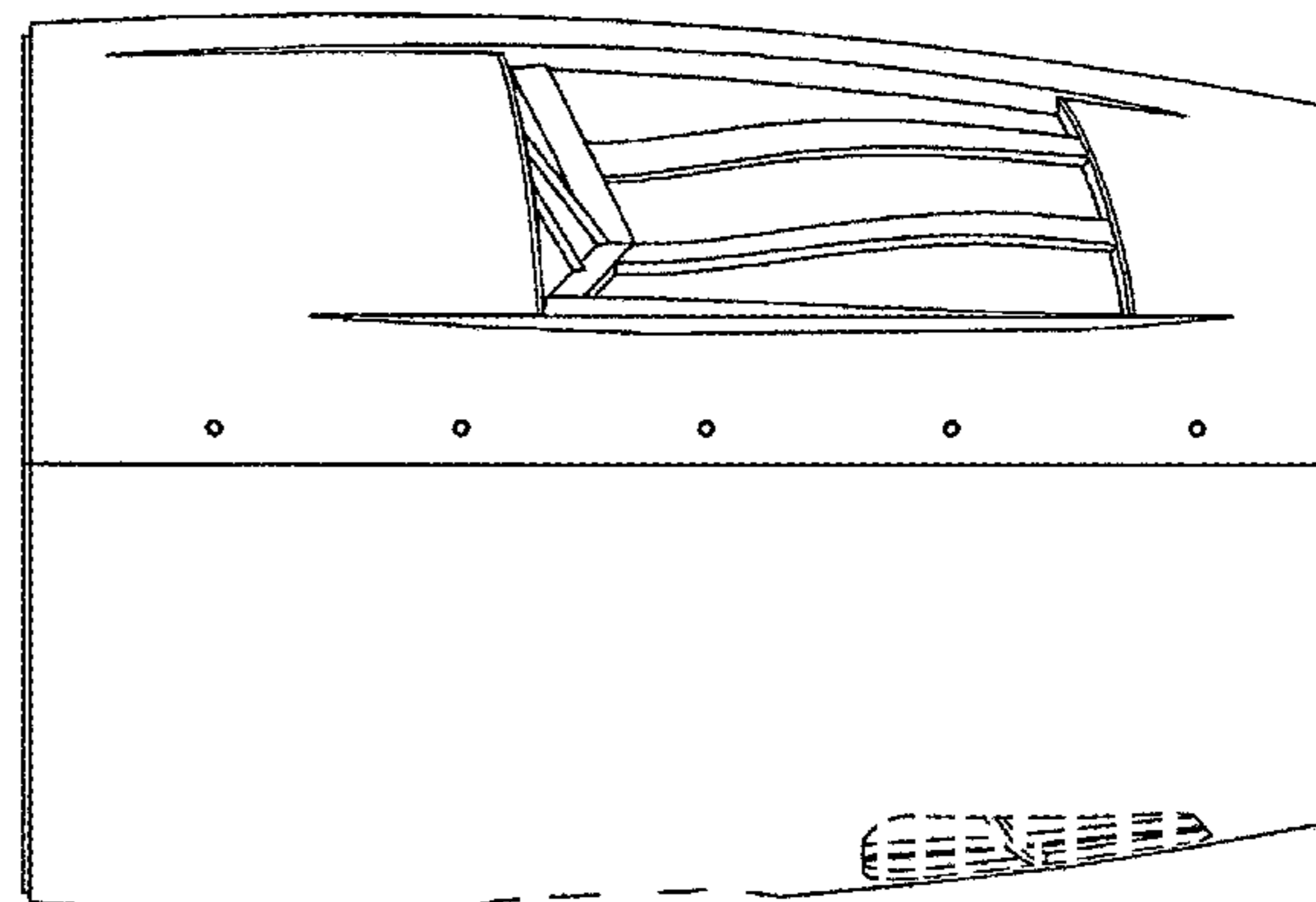
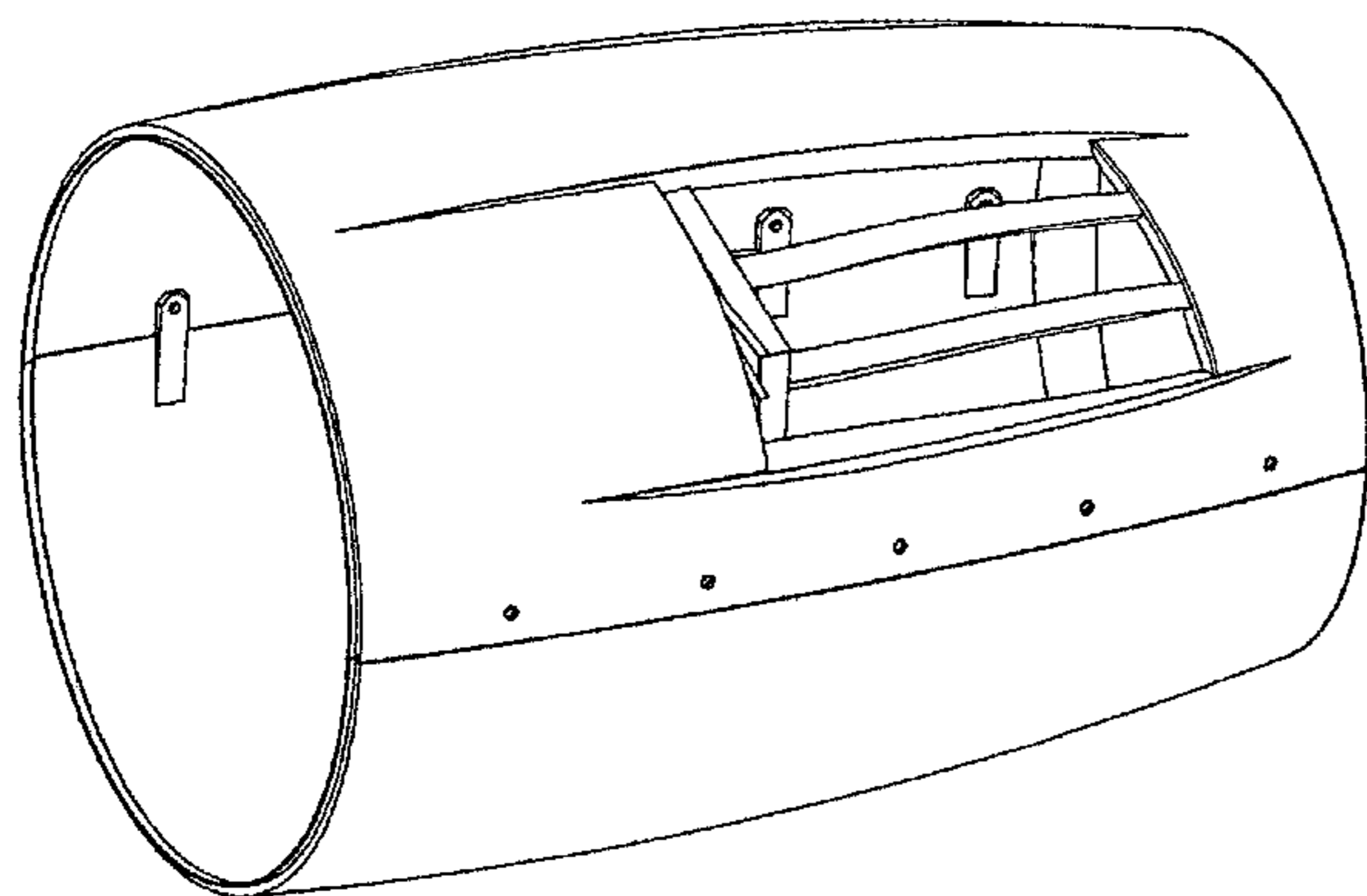
(57) **CLAIM**

The ornamental design for a fan housing, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a fan housing showing my new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines in the drawings illustrate portions of the fan housing that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



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**References Cited**

U.S. PATENT DOCUMENTS

2016/0146222 A1\* 5/2016 Avedon ..... F04D 19/002  
415/211.2

\* cited by examiner

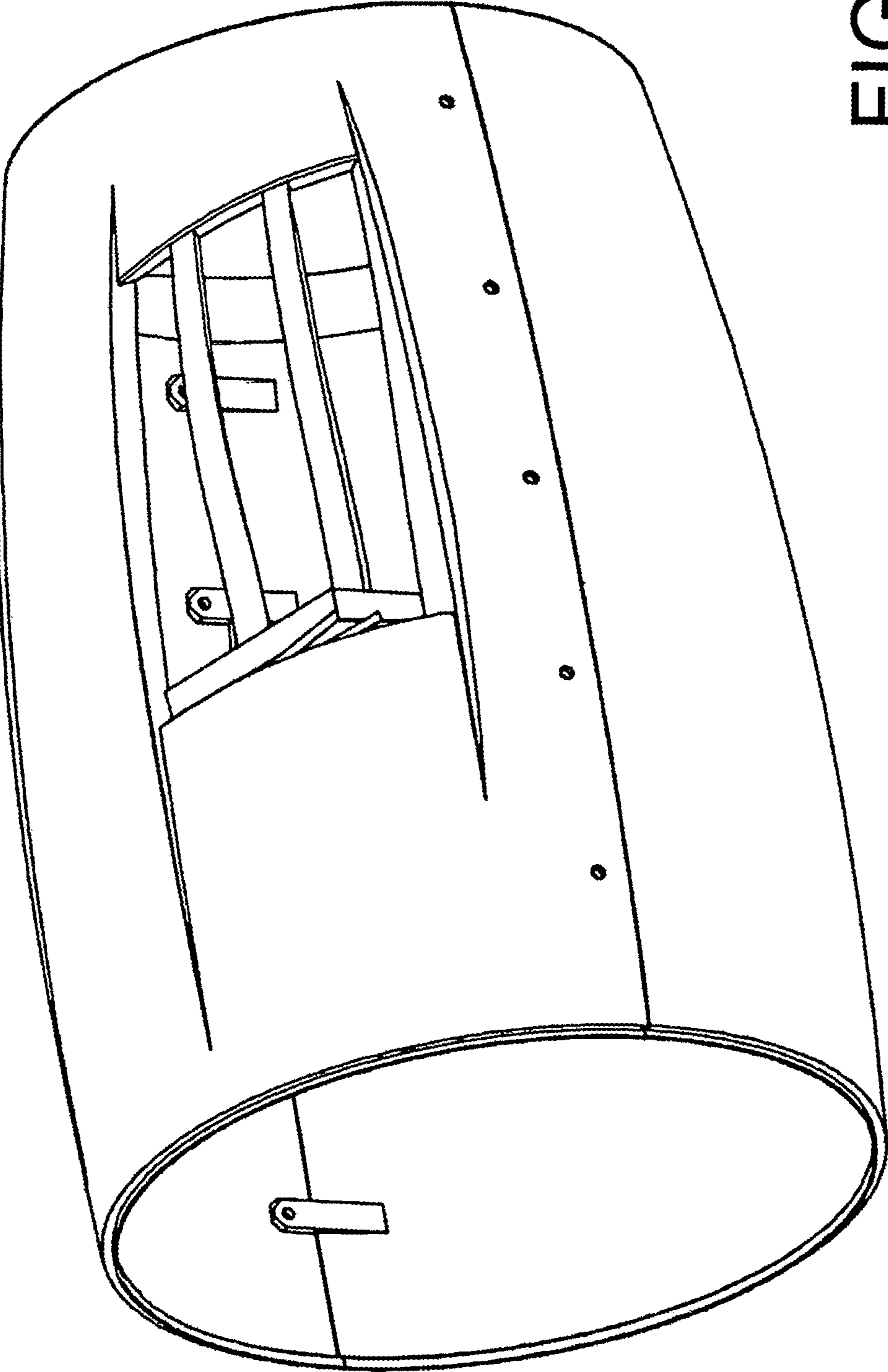


FIG.1

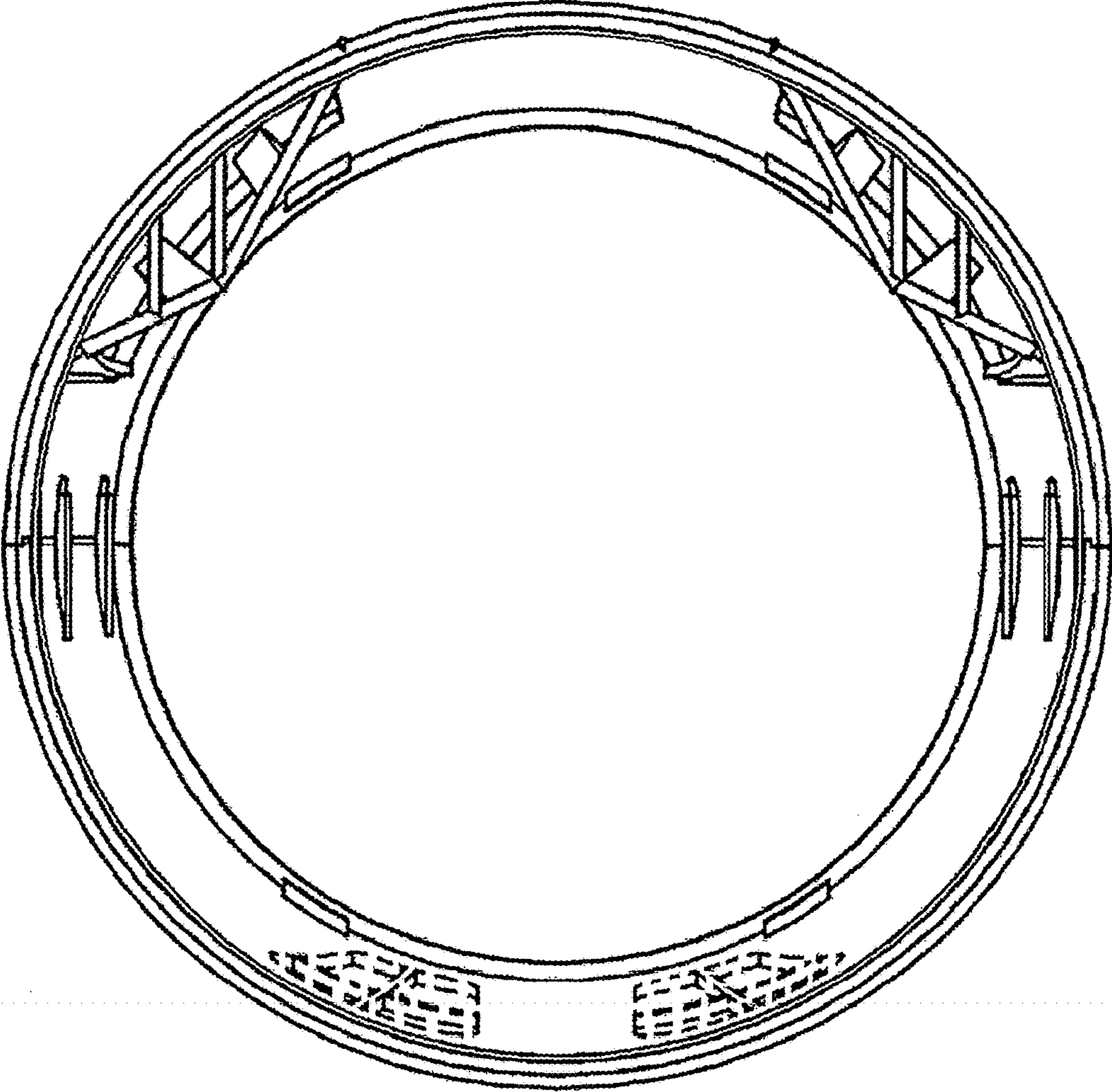


FIG.2

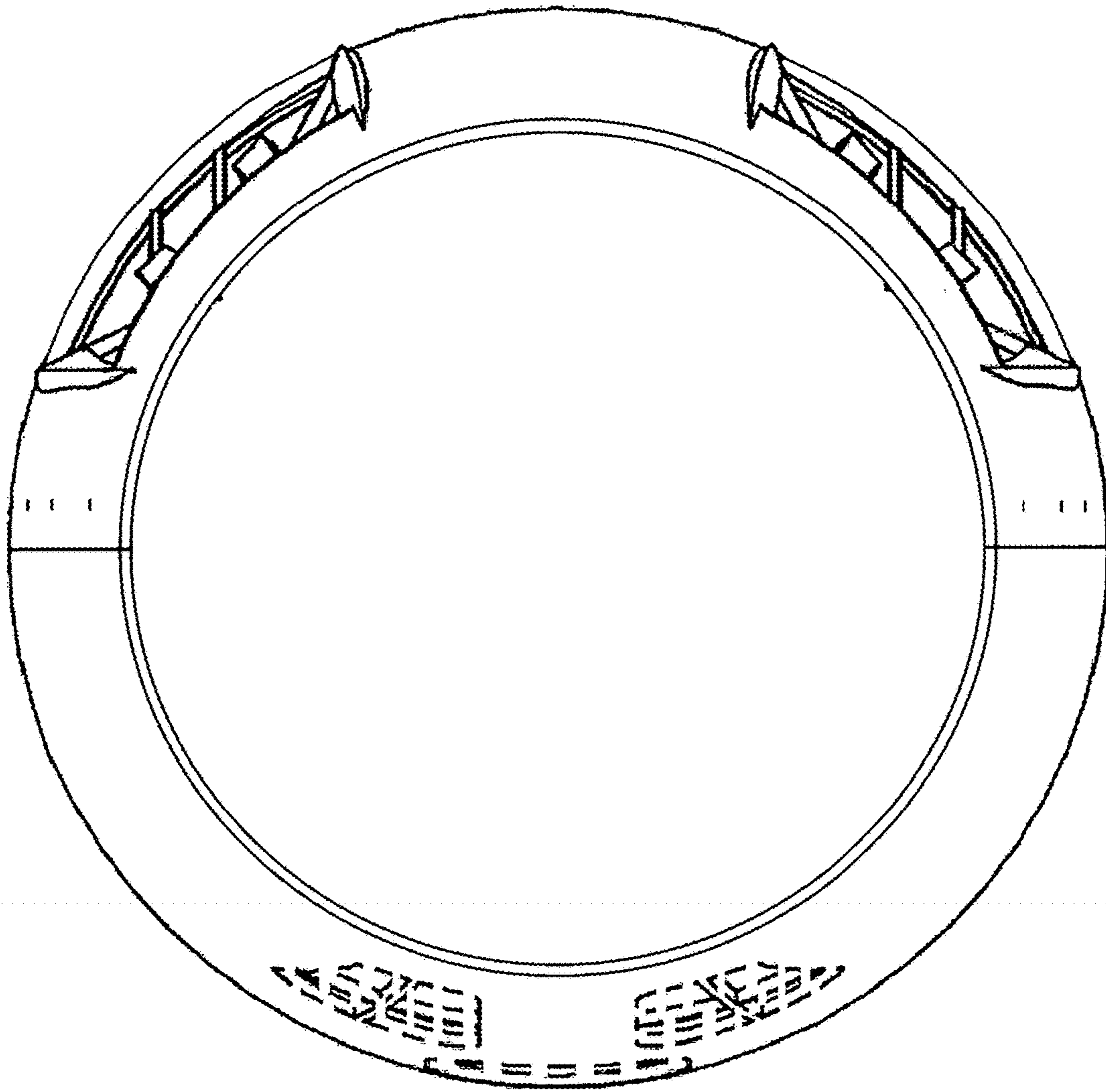


FIG.3

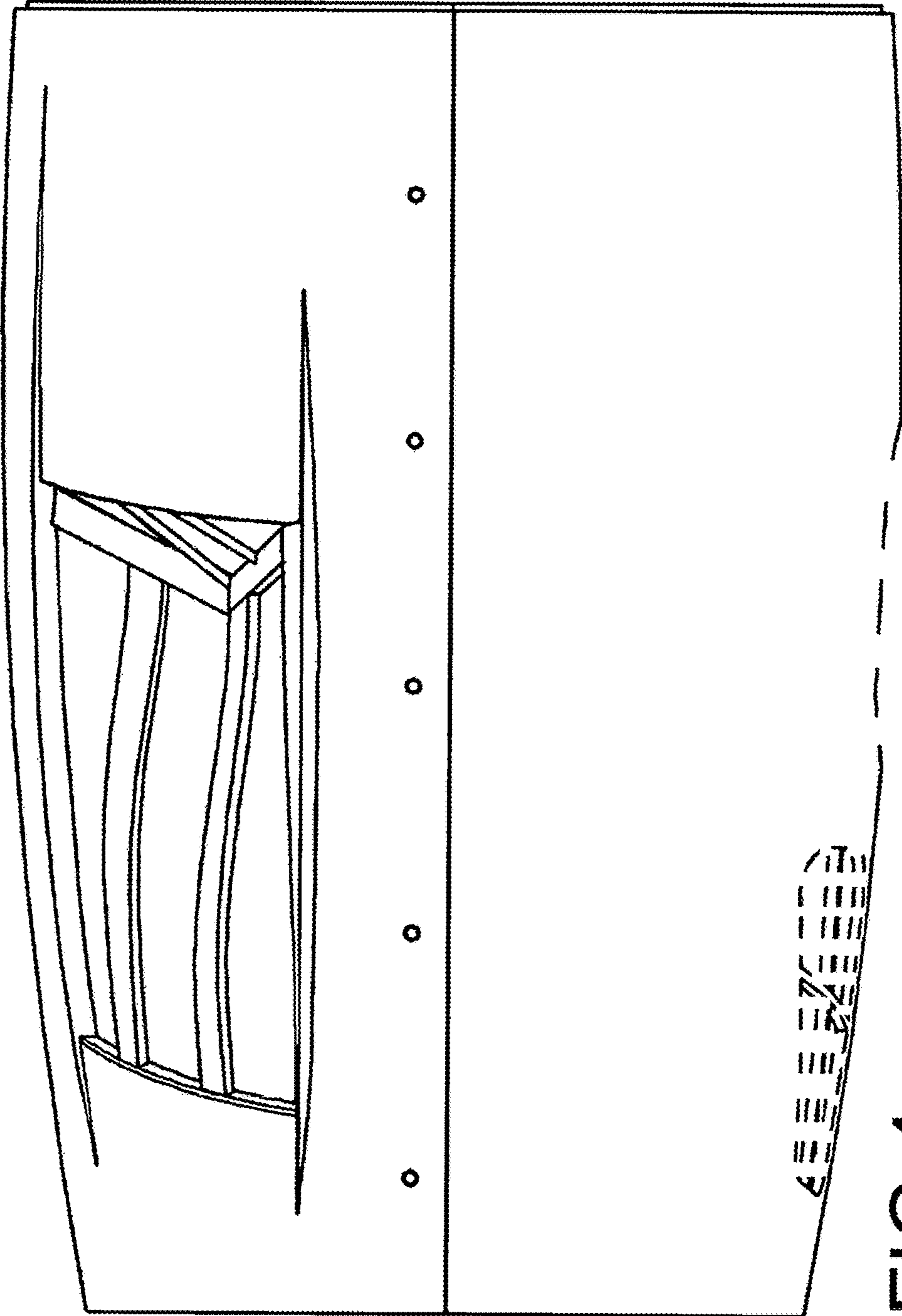


FIG.4

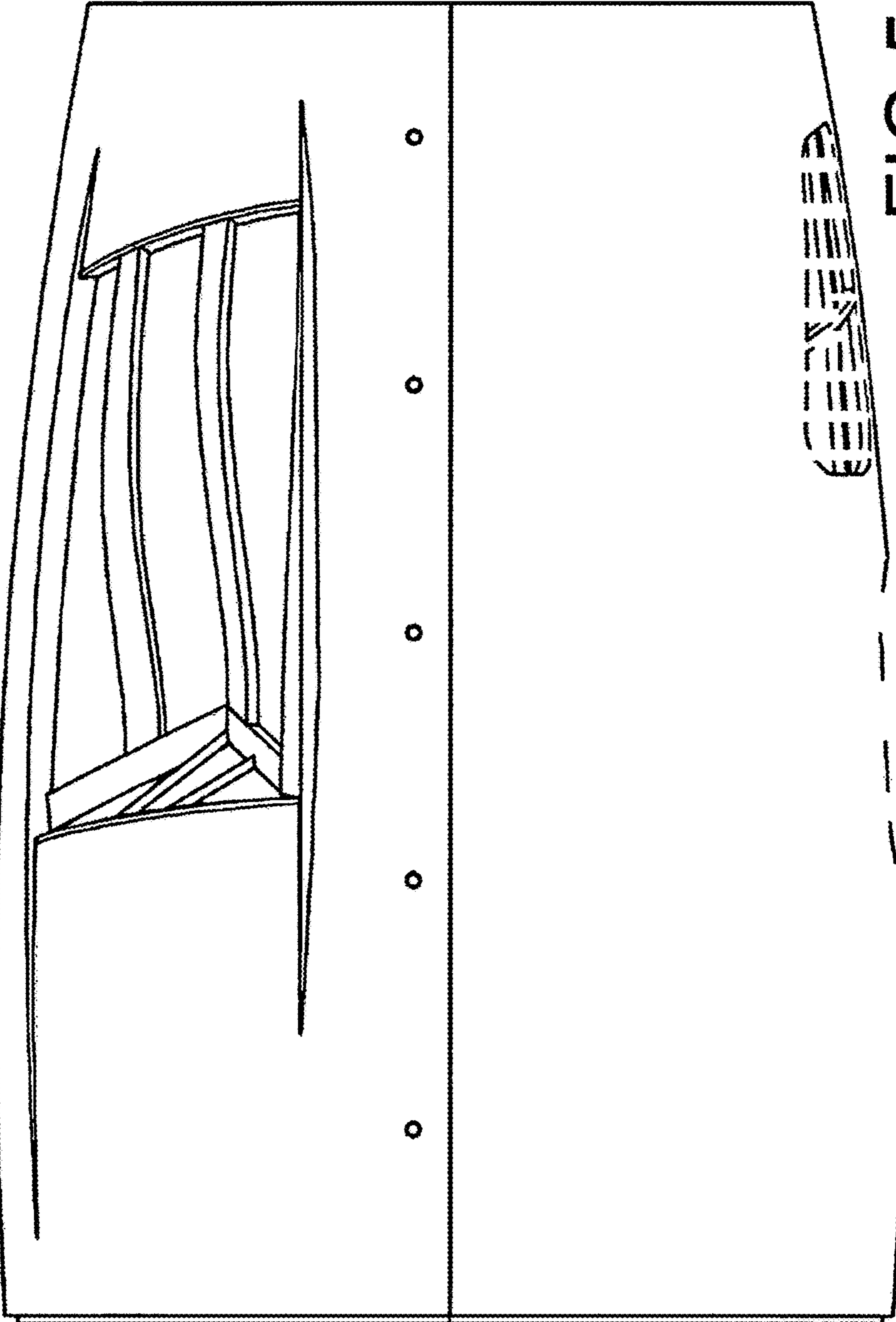


FIG. 5

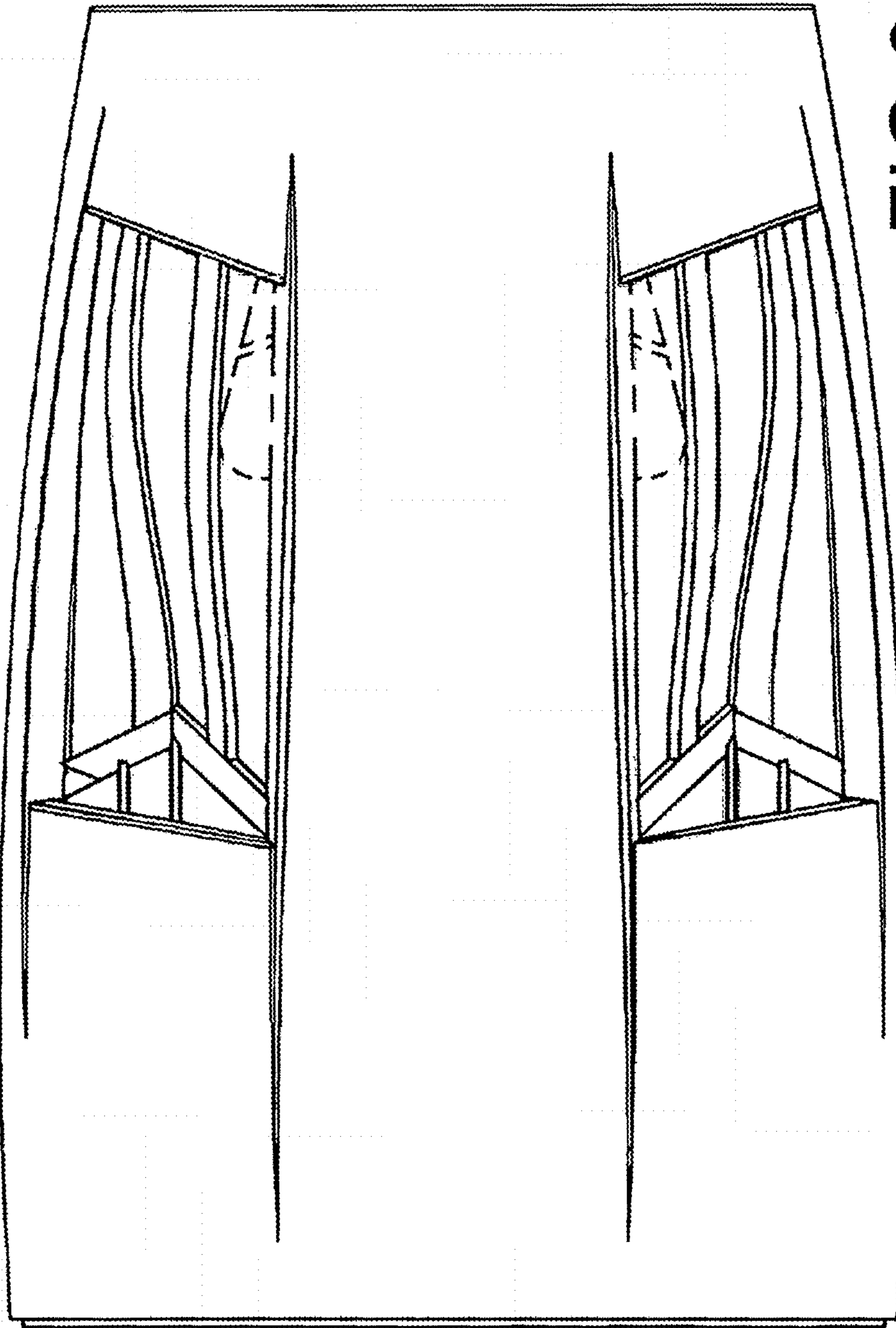


FIG. 6



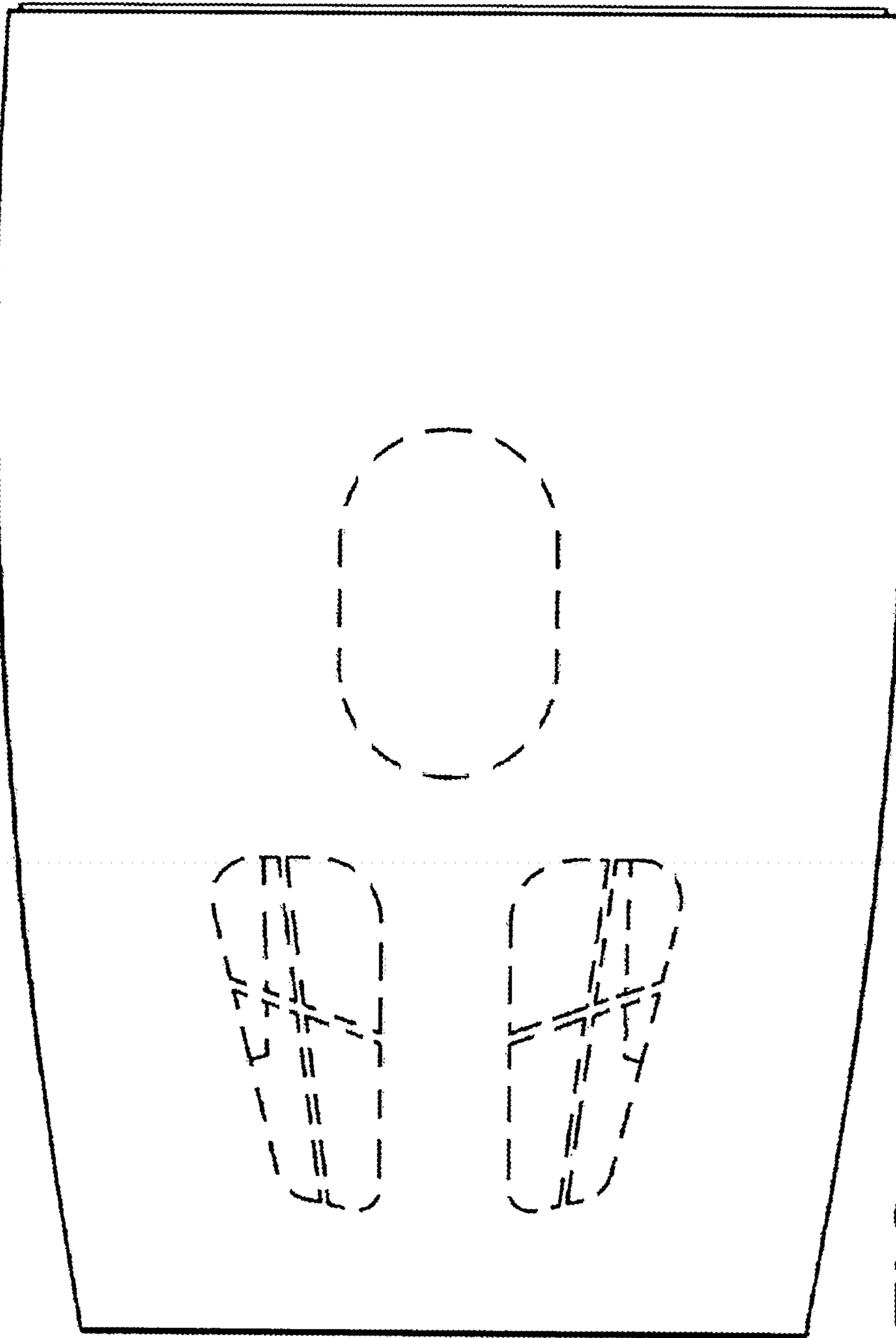


FIG. 7