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(12) **United States Design Patent** (10) **Patent No.:** **US D868,627 S**  
**Evulet et al.** (45) **Date of Patent:** **\*\* Dec. 3, 2019**

(54) **FLYING CAR**  
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D103,290 S \* 2/1937 Wendt ..... D12/324  
D106,275 S \* 10/1937 Bellanca ..... D12/335  
D112,834 S \* 1/1939 Seversky ..... 244/45 R  
2,147,968 A \* 2/1939 Delanne ..... B64C 39/00  
244/119  
D113,649 S \* 3/1939 Abrams ..... 244/91  
D114,122 S \* 4/1939 Martin ..... 244/105  
(Continued)

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

FOREIGN PATENT DOCUMENTS  
CN 202508281 U 10/2012  
CN 102991669 B 3/2013  
(Continued)

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(58) **Field of Classification Search**  
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D21/436-454; D30/160  
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2201/048; B64C 2201/088; B64C 29/00;  
B64C 29/0058; B64C 39/001; B64C  
39/024; B64C 39/062; B64C 2201/141;  
B64C 27/12

See application file for complete search history.

OTHER PUBLICATIONS  
Jetoptera by Electric VTOL News. dated May 2018. found online  
[Mar. 15, 2019] <http://evtol.news/aircraft/jetoptera-j2000/>.  
(Continued)

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(57) **CLAIM**  
The ornamental design for a flying car, is claimed as shown  
and described.

(56) **References Cited**

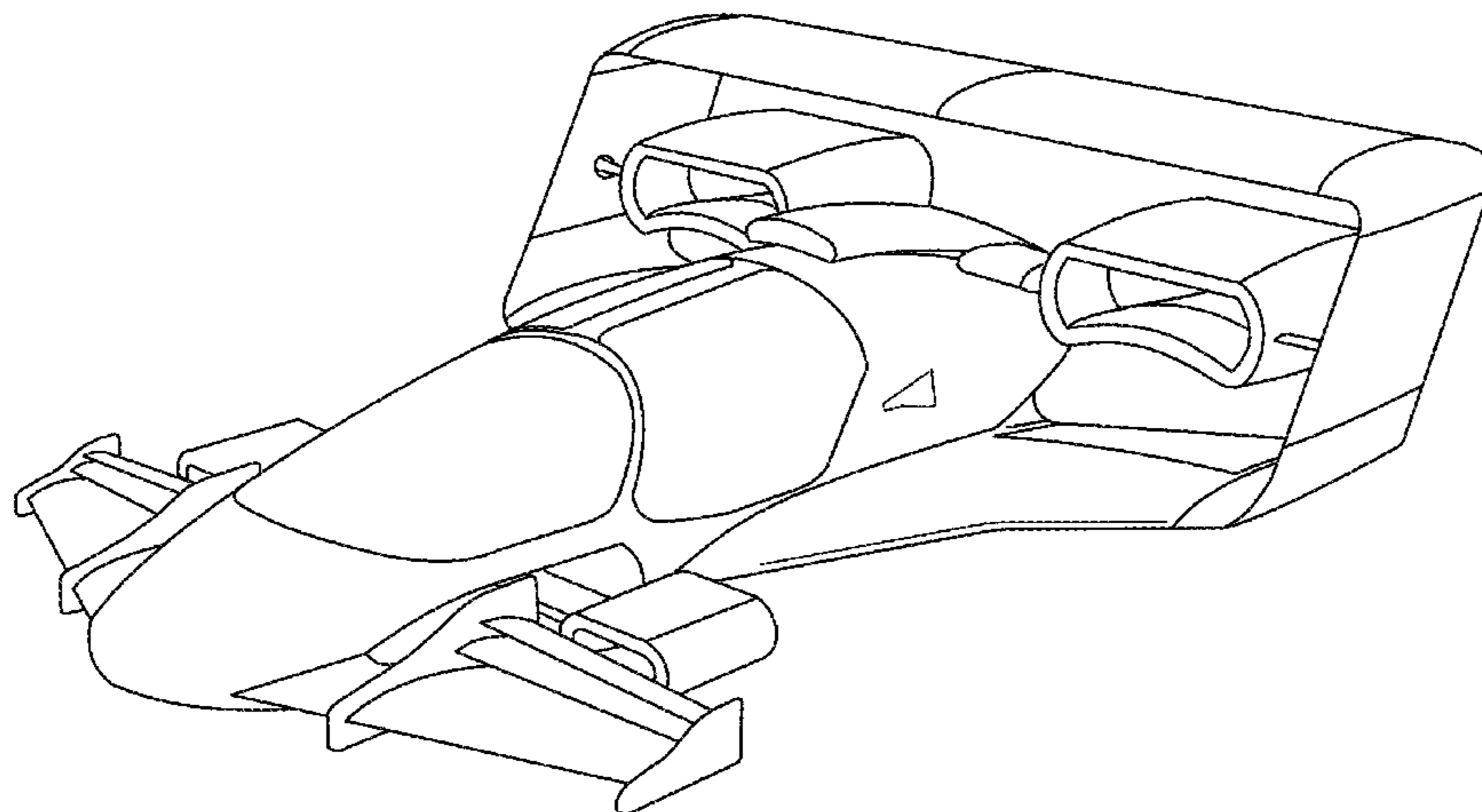
**U.S. PATENT DOCUMENTS**

1,495,185 A 5/1924 Kirgan  
D82,314 S \* 10/1930 Christmas ..... D12/335  
1,821,468 A 9/1931 Hanley  
1,891,166 A 12/1932 Leupold  
D91,444 S \* 1/1934 Shelton ..... D12/335  
D97,361 S \* 10/1935 Swanson ..... D12/335  
D97,652 S \* 11/1935 Swanson ..... D12/335  
D98,660 S \* 2/1936 Burnelli ..... D12/335  
D100,608 S \* 7/1936 Taylor et al. .... D12/335  
D100,609 S \* 7/1936 Wilson et al. .... D12/335  
D101,928 S \* 11/1936 Wilson et al. .... D12/331

**DESCRIPTION**

FIG. 1 is a front perspective view of a flying car, showing  
my new design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a front elevation view thereof; and,  
FIG. 7 is a rear elevation view thereof.  
The broken lines shown in the drawings are included for the  
purpose of illustrating environmental structure and form no  
part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

- D114,626 S \* 5/1939 Taylor et al. .... 244/119  
D115,854 S \* 7/1939 Loudy ..... 244/13  
D119,714 S \* 3/1940 Hibbard ..... 244/13  
D123,427 S \* 11/1940 Brandrup ..... D12/335  
D126,067 S \* 3/1941 Boushey ..... D12/335  
D129,412 S \* 9/1941 Nebesar ..... D12/324  
D130,651 S \* 12/1941 Silverstein ..... 244/13  
RE22,029 E \* 2/1942 Nebesar ..... B64C 39/04  
244/13  
D133,126 S \* 7/1942 Woods ..... D12/335  
D133,777 S \* 9/1942 Gardenhire ..... 244/49  
D135,994 S \* 7/1943 Floren ..... 244/215  
D135,995 S \* 7/1943 Floren ..... 244/215  
D136,078 S \* 8/1943 Novikoff ..... 244/106  
D136,249 S \* 8/1943 Burnelli ..... D12/333  
D136,296 S \* 8/1943 Sznycer ..... 244/16  
D138,102 S \* 6/1944 Kelly ..... 244/106  
D138,217 S \* 7/1944 Van Zelm ..... 244/13  
D138,218 S \* 7/1944 Van Zelm ..... 244/13  
D138,795 S \* 9/1944 Stoughton ..... 244/45 R  
D139,028 S \* 10/1944 Stout ..... 244/45 R  
D139,438 S \* 11/1944 Hughes et al. .... 244/13  
D140,113 S \* 1/1945 Biasell ..... 244/13  
D140,220 S \* 1/1945 Thieblot ..... 244/45 R  
D143,729 S \* 2/1946 Hall et al. .... 244/74  
D143,730 S \* 2/1946 Hall et al. .... 244/74  
D143,731 S \* 2/1946 Hall et al. .... 244/74  
D143,732 S \* 2/1946 Hall et al. .... 244/74  
D143,820 S \* 2/1946 Hibbard et al. .... 244/13  
D144,211 S \* 3/1946 Northrop et al. .... 244/37  
D144,938 S \* 6/1946 Schmued ..... 244/36  
D148,595 S \* 2/1948 Thieblot ..... 244/45 R  
D157,645 S \* 3/1950 Thieblot ..... D12/335  
D159,110 S \* 6/1950 Thieblot ..... 244/13  
D159,198 S \* 7/1950 Greenwood et al. .... D12/335  
D160,841 S \* 11/1950 Burnelli ..... 244/13  
D160,842 S \* 11/1950 Burnelli ..... 244/13  
D162,517 S \* 3/1951 Burnelli ..... 244/13  
D163,722 S \* 6/1951 Vinje ..... 244/2  
D164,371 S \* 8/1951 Voque ..... D12/335  
D164,843 S \* 10/1951 Burnelli ..... D12/333  
2,585,676 A 2/1952 Poisson-Quinton  
2,593,420 A 4/1952 Diehl  
2,684,817 A 7/1954 Roy  
2,752,114 A \* 6/1956 Calvy ..... B60J 5/125  
244/118.3  
D179,811 S \* 3/1957 Messerschmid ..... D12/327  
2,796,731 A 6/1957 Morley  
2,870,600 A 1/1959 Brown  
2,885,162 A 5/1959 Griswold  
D185,535 S \* 6/1959 Coleman ..... D12/333  
D185,546 S \* 6/1959 Geraci ..... 244/45 R  
2,922,277 A 1/1960 Bertin  
2,928,238 A 3/1960 Hawkins, Jr.  
D190,534 S \* 6/1961 Smolinski ..... D12/330  
2,988,303 A 6/1961 Coanda  
2,989,845 A 6/1961 Howald  
3,017,139 A \* 1/1962 Binder ..... B64C 39/062  
244/12.6  
D192,195 S \* 2/1962 Stepniewski ..... D12/330  
D192,337 S \* 3/1962 Skaggs ..... D12/335  
D192,665 S \* 4/1962 Stepniewski ..... D12/335  
3,028,121 A 4/1962 Klapproth  
3,045,947 A 7/1962 Bertin et al.  
3,047,208 A 7/1962 Coanda  
3,049,320 A \* 8/1962 Fletcher ..... B64C 29/0033  
244/12.4  
3,051,413 A 8/1962 Pouit  
3,055,614 A 9/1962 Thompson  
3,085,770 A 4/1963 Sutton  
3,098,352 A 7/1963 Taub et al.  
3,116,041 A 12/1963 Hoerrner  
D197,933 S \* 4/1964 Sumner ..... D12/324  
3,154,267 A 10/1964 Grant  
3,161,377 A 12/1964 Balluff  
3,174,707 A 3/1965 Ricard  
D202,260 S \* 9/1965 McConologue ..... D12/335  
3,216,653 A 11/1965 Nabour  
D203,283 S \* 12/1965 Woods ..... 244/13  
D203,720 S \* 2/1966 Jarchow ..... D12/335  
3,318,097 A 5/1967 Wood et al.  
3,326,500 A 6/1967 Lanier  
3,330,500 A 7/1967 Winborn  
3,337,121 A 8/1967 Coanda  
3,347,495 A 10/1967 Eberhardt et al.  
3,370,794 A 2/1968 Drewry et al.  
3,396,538 A 8/1968 Wetherbee, Jr.  
3,441,218 A 4/1969 Bucher  
3,525,474 A 8/1970 Von Ohain et al.  
3,545,701 A 12/1970 Bertin et al.  
3,605,939 A 9/1971 Duthion  
3,664,611 A 5/1972 Harris  
3,667,680 A 6/1972 Weed  
3,685,614 A 8/1972 Coanda et al.  
3,694,107 A 9/1972 Stein  
3,722,454 A 3/1973 Silvester  
3,747,855 A 7/1973 Vdoviak et al.  
3,747,874 A 7/1973 Johnsen  
3,756,542 A 9/1973 Bertin  
3,770,227 A 11/1973 Von Ohain et al.  
3,795,367 A 3/1974 Mocarski  
D231,603 S \* 5/1974 Krivka ..... D12/327  
3,829,044 A 8/1974 Leslie et al.  
3,831,887 A 8/1974 Fosness  
3,834,654 A \* 9/1974 Miranda ..... B64C 39/068  
244/13  
3,834,834 A 9/1974 Quinn  
3,860,200 A 1/1975 Petrushka  
3,875,745 A 4/1975 Franklin  
3,878,400 A 4/1975 McSparran  
3,879,939 A 4/1975 Markowski  
3,885,891 A 5/1975 Thronson  
3,887,146 A 6/1975 Bright  
3,893,638 A 7/1975 Kelley  
3,926,373 A 12/1975 Viets  
D238,888 S \* 2/1976 Bradley ..... D21/833  
D239,274 S \* 3/1976 Snyder ..... D12/335  
3,941,335 A 3/1976 Viets  
3,942,463 A 3/1976 Johnson, Jr. et al.  
D239,522 S \* 4/1976 Wheatley ..... D12/335  
D240,909 S \* 8/1976 Whitener ..... D12/335  
4,019,696 A 4/1977 Hirt et al.  
4,030,289 A 6/1977 Kampe  
4,030,687 A 6/1977 Hapke  
D245,157 S \* 7/1977 Seidel ..... D12/333  
4,099,691 A 7/1978 Swanson  
D250,727 S \* 1/1979 Venditti ..... D21/450  
D250,786 S \* 1/1979 Venditti ..... D21/450  
D250,852 S \* 1/1979 Maloney, II ..... D21/450  
4,257,224 A 3/1981 Wagnanski et al.  
4,311,291 A 1/1982 Gilbertson et al.  
4,332,529 A 6/1982 Alperin  
D268,107 S \* 3/1983 Enav ..... 244/15  
4,392,621 A 7/1983 Viets  
4,398,683 A 8/1983 Schmetzer  
4,398,687 A 8/1983 Nichols, Jr. et al.  
4,418,352 A 12/1983 Momose et al.  
D273,005 S \* 3/1984 McComas ..... D12/335  
4,445,338 A 5/1984 Markowski et al.  
4,448,354 A 5/1984 Reznick et al.  
D274,510 S \* 7/1984 McComas ..... D12/338  
4,477,039 A 10/1984 Boulton et al.  
4,478,378 A 10/1984 Capuani  
4,482,108 A 11/1984 Sutton  
4,592,202 A 6/1986 Stewart et al.  
4,645,140 A 2/1987 Bevilaqua et al.  
4,648,571 A 3/1987 Gerhardt  
4,666,104 A 5/1987 Kelber  
D292,203 S \* 10/1987 Ligeti ..... D12/319  
D292,910 S \* 11/1987 McGiboney ..... D12/331  
4,713,935 A 12/1987 Szuminski et al.  
4,721,126 A 1/1988 Horii  
4,746,082 A \* 5/1988 Syms ..... B64D 47/08  
244/118.2



(56)

References Cited

U.S. PATENT DOCUMENTS

4,767,083 A 8/1988 Koenig et al.  
 4,815,942 A 3/1989 Alperin et al.  
 4,819,876 A 4/1989 Thayer  
 D301,867 S \* 6/1989 Street ..... D12/339  
 4,840,329 A 6/1989 Szuminski et al.  
 4,848,701 A 7/1989 Belloso  
 D308,043 S \* 5/1990 Butler ..... D12/331  
 4,941,628 A 7/1990 Sakamoto et al.  
 D311,720 S \* 10/1990 Butler ..... D12/331  
 D312,068 S \* 11/1990 Moller ..... D12/319  
 4,969,614 A 11/1990 Capuani  
 5,016,837 A 5/1991 Willis  
 D319,805 S \* 9/1991 Wiegert ..... D12/319  
 5,062,588 A 11/1991 Garland  
 5,071,088 A 12/1991 Betts  
 5,074,759 A 12/1991 Cossairt  
 D323,315 S \* 1/1992 Haga ..... D12/328  
 5,078,339 A \* 1/1992 Lapidot ..... B64C 3/56  
 244/49  
 5,098,034 A 3/1992 Lendriet  
 5,115,996 A \* 5/1992 Moller ..... B64C 29/0025  
 239/265.19  
 5,167,383 A 12/1992 Nozaki  
 5,205,119 A 4/1993 Bulman  
 5,214,914 A 6/1993 Billig et al.  
 5,328,098 A 7/1994 Barcza et al.  
 5,372,337 A 12/1994 Kress et al.  
 5,398,499 A 3/1995 Urruela  
 5,402,938 A 4/1995 Sweeney  
 5,415,365 A \* 5/1995 Ratliff ..... B64C 35/00  
 114/271  
 5,503,352 A \* 4/1996 Eger ..... B64C 39/068  
 244/13  
 D371,105 S \* 6/1996 Graham ..... D12/319  
 D381,952 S \* 8/1997 Carter, Jr. .... D12/327  
 D392,937 S \* 3/1998 Brichard ..... D12/319  
 5,769,317 A 6/1998 Sokhey et al.  
 5,799,874 A 9/1998 Eigenbrode et al.  
 5,924,632 A 7/1999 Seiner et al.  
 D414,740 S \* 10/1999 Margaritoff ..... D12/319  
 5,992,140 A 11/1999 Hammond et al.  
 5,992,792 A 11/1999 Amason  
 5,996,936 A 12/1999 Mueller  
 6,003,301 A 12/1999 Bratkovich et al.  
 D418,805 S \* 1/2000 Cycon ..... 244/12.3  
 6,082,635 A 7/2000 Seiner et al.  
 6,105,901 A 8/2000 Ulanoski et al.  
 D431,522 S \* 10/2000 Fujino ..... D12/337  
 D442,540 S \* 5/2001 Cellini ..... D12/308  
 D446,182 S \* 8/2001 Adam, Jr. .... D12/319  
 6,295,805 B1 10/2001 Lackey et al.  
 6,318,668 B1 11/2001 Ulanoski et al.  
 6,336,319 B1 1/2002 Koshoffer  
 6,382,559 B1 5/2002 Sutterfield et al.  
 D466,858 S \* 12/2002 Carroll ..... D12/337  
 D467,533 S \* 12/2002 Han ..... D12/319  
 D486,776 S \* 2/2004 Carr ..... D12/319  
 6,751,944 B2 6/2004 Lair  
 D500,729 S \* 1/2005 Wilding ..... D12/319  
 D500,981 S \* 1/2005 Wilding ..... D12/319  
 6,866,503 B2 3/2005 Ladharam  
 6,877,960 B1 4/2005 Presz, Jr. et al.  
 6,880,784 B1 4/2005 Wilkinson et al.  
 6,926,229 B2 8/2005 Cummings et al.  
 6,983,587 B2 1/2006 Shumate  
 7,032,835 B2 4/2006 Murphy et al.  
 7,128,082 B1 10/2006 Cerretelli et al.  
 D543,248 S \* 5/2007 Winston ..... D21/450  
 7,290,738 B1 11/2007 Rogers et al.  
 7,753,309 B2 7/2010 Garreau  
 7,788,899 B2 9/2010 Smith  
 D626,056 S 10/2010 Garreau  
 7,823,838 B1 11/2010 Deńning et al.  
 7,878,458 B2 2/2011 Shmilovich et al.  
 7,878,798 B2 2/2011 Poe et al.

8,087,618 B1 1/2012 Shmilovich et al.  
 D665,333 S 8/2012 Oliver  
 8,240,125 B2 8/2012 Kawai  
 8,251,306 B2 8/2012 Dacre  
 8,302,903 B2 11/2012 Morgan et al.  
 8,529,247 B2 9/2013 Poe et al.  
 8,657,053 B2 2/2014 Novikov-Kopp  
 8,690,098 B2 4/2014 Todorovic  
 8,769,959 B2 7/2014 Baker et al.  
 8,844,264 B2 9/2014 Khalid  
 8,910,482 B2 12/2014 Parham  
 D724,001 S 3/2015 Garreau  
 D738,438 S \* 9/2015 Cummings ..... D21/447  
 9,120,560 B1 \* 9/2015 Armer ..... B64C 29/0008  
 D743,868 S \* 11/2015 Cummings ..... D12/328  
 D763,733 S \* 8/2016 Gattelli ..... D12/16.1  
 9,499,266 B1 11/2016 Garreau  
 9,714,082 B2 7/2017 Shmilovich et al.  
 9,783,288 B1 \* 10/2017 Moore ..... B64C 27/322  
 D810,621 S \* 2/2018 Sadek ..... D12/16.1  
 9,932,118 B2 \* 4/2018 Bak ..... B64D 27/24  
 10,124,890 B2 \* 11/2018 Sada-Salinas ..... B64C 29/0025  
 10,183,744 B2 \* 1/2019 Gamble ..... B64C 29/0025  
 D843,306 S \* 3/2019 Tzarnotzky ..... D12/329  
 D843,889 S \* 3/2019 Merrill ..... D12/16.1  
 D843,919 S \* 3/2019 Tzarnotzky ..... D12/329  
 2004/0036185 A1 2/2004 Garcia  
 2006/0000943 A1 1/2006 Ouellette et al.  
 2006/0027679 A1 2/2006 Gratteau  
 2006/0151633 A1 7/2006 Presz, Jr. et al.  
 2008/0315042 A1 12/2008 Evulet et al.  
 2009/0108141 A1 4/2009 Shmilovich et al.  
 2009/0120066 A1 5/2009 VanderGriend et al.  
 2009/0158705 A1 6/2009 Grossi  
 2009/0165755 A1 7/2009 Shieh et al.  
 2009/0212166 A1 8/2009 Garreau  
 2009/0214338 A1 8/2009 Werle et al.  
 2010/0019079 A1 1/2010 Evulet et al.  
 2010/0162679 A1 7/2010 Khalid  
 2010/0181433 A1 7/2010 Catino  
 2011/0215204 A1 9/2011 Evulet  
 2012/0043413 A1 \* 2/2012 Smith ..... B64C 29/0033  
 244/12.4  
 2013/0087632 A1 4/2013 Germain  
 2013/0336781 A1 12/2013 Rolt et al.  
 2013/0343866 A1 12/2013 Christians  
 2014/0053815 A1 2/2014 Sperry  
 2014/0352276 A1 12/2014 Chen et al.  
 2014/0373546 A1 12/2014 Ammon et al.  
 2016/0375986 A1 12/2016 Shmilovich et al.  
 2017/0060140 A1 3/2017 Harrison et al.  
 2017/0072755 A1 \* 3/2017 Zhou ..... B64C 29/0075  
 2017/0300067 A1 \* 10/2017 Douglas ..... B64C 29/0025  
 2018/0305007 A1 \* 10/2018 Evulet ..... B64C 29/005

FOREIGN PATENT DOCUMENTS

CN 103419933 A 12/2013  
 EP 0078245 A1 5/1983  
 EP 0244336 A2 11/1987  
 EP 0739291 B1 4/2001  
 GB 1332026 A 10/1973  
 GB 2318558 A 4/1998  
 GB 2451347 A 1/2009  
 JP 2016125421 A 7/2016  
 WO 9620867 A1 7/1996  
 WO 2005099380 A2 10/2005  
 WO 2013037610 A1 3/2013  
 WO 2014199351 A1 12/2014

OTHER PUBLICATIONS

International Search Report and Written Opinion for PCT/US2016/044326, dated Jun. 5, 2017, 19 pages.  
 International Search Report and Written Opinion for PCT/US2016/044327, dated Jun. 5, 2017, 19 pages.  
 International Search Report and Written Opinion for PCT/US2016/050236, dated Dec. 12, 2016, 7 pages.

(56)

**References Cited**

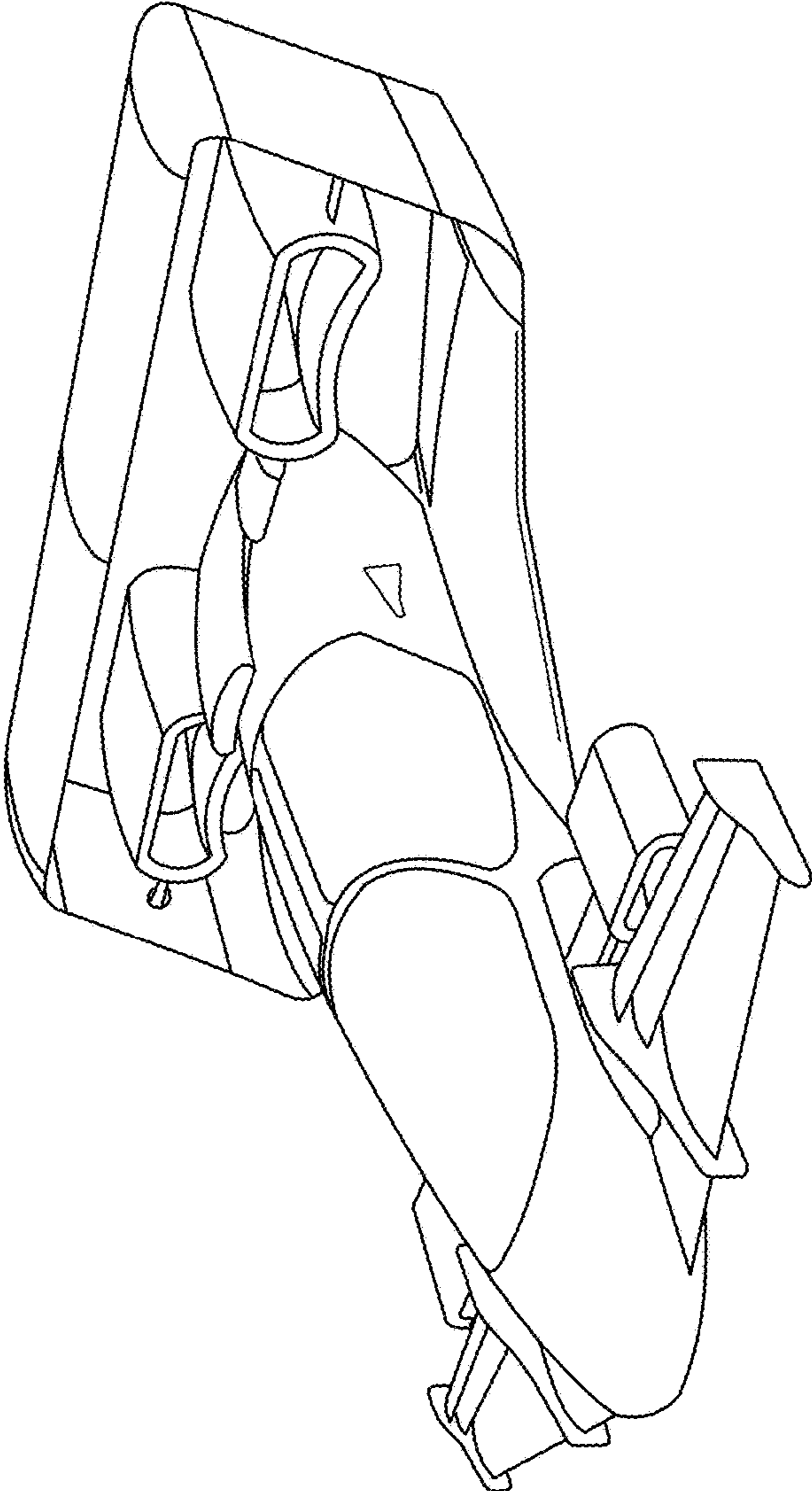
OTHER PUBLICATIONS

International Search Report and Written Opinion for PCT/US2017/  
045784, dated Aug. 7, 2017, 9 pages.

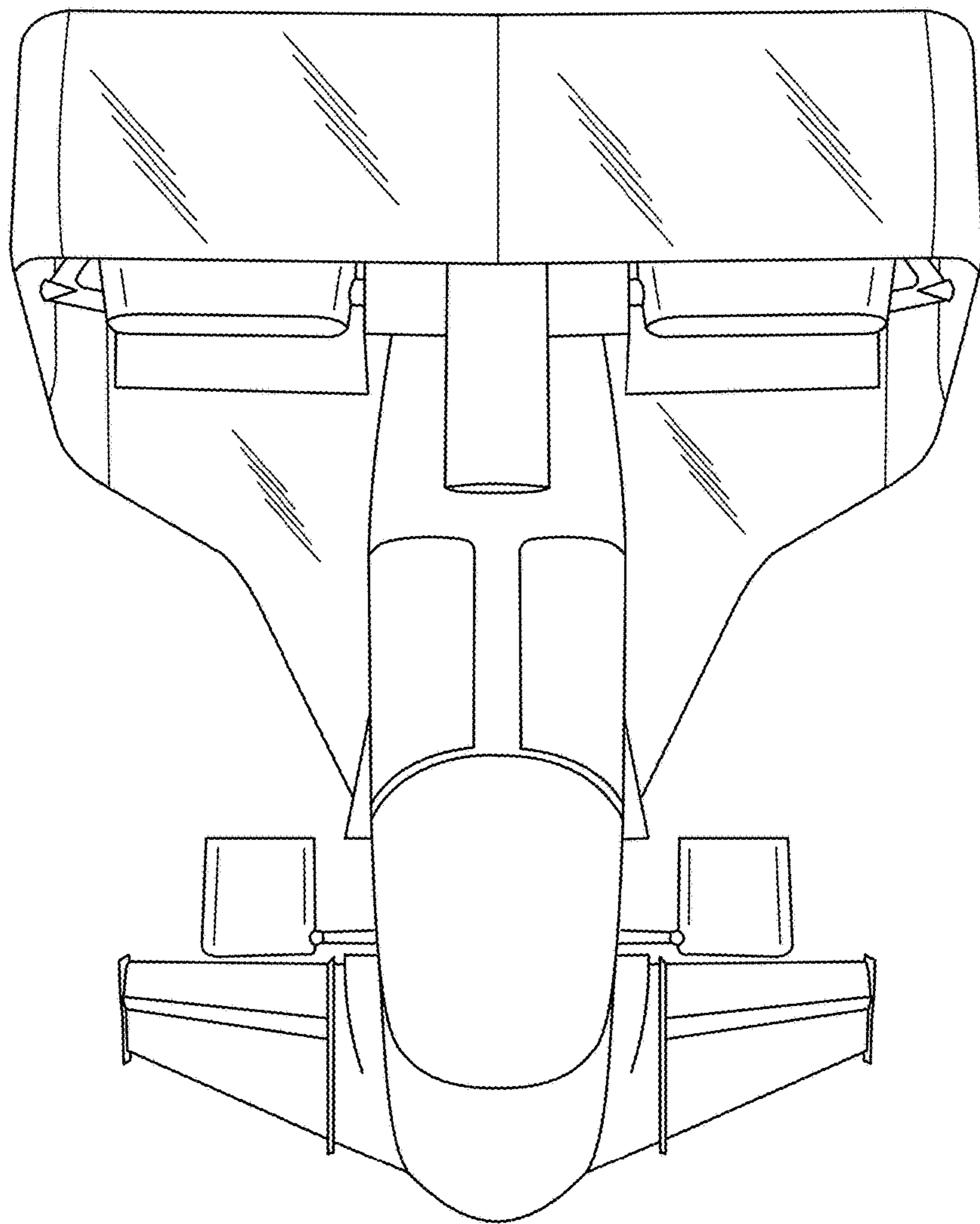
International Search Report and Written Opinion for PCT/US2017/  
042919, dated Oct. 2, 2017, 13 pages.

International Search Report and Written Opinion for PCT/US2017/  
048479, dated Nov. 6, 2017, 13 pages.

\* cited by examiner

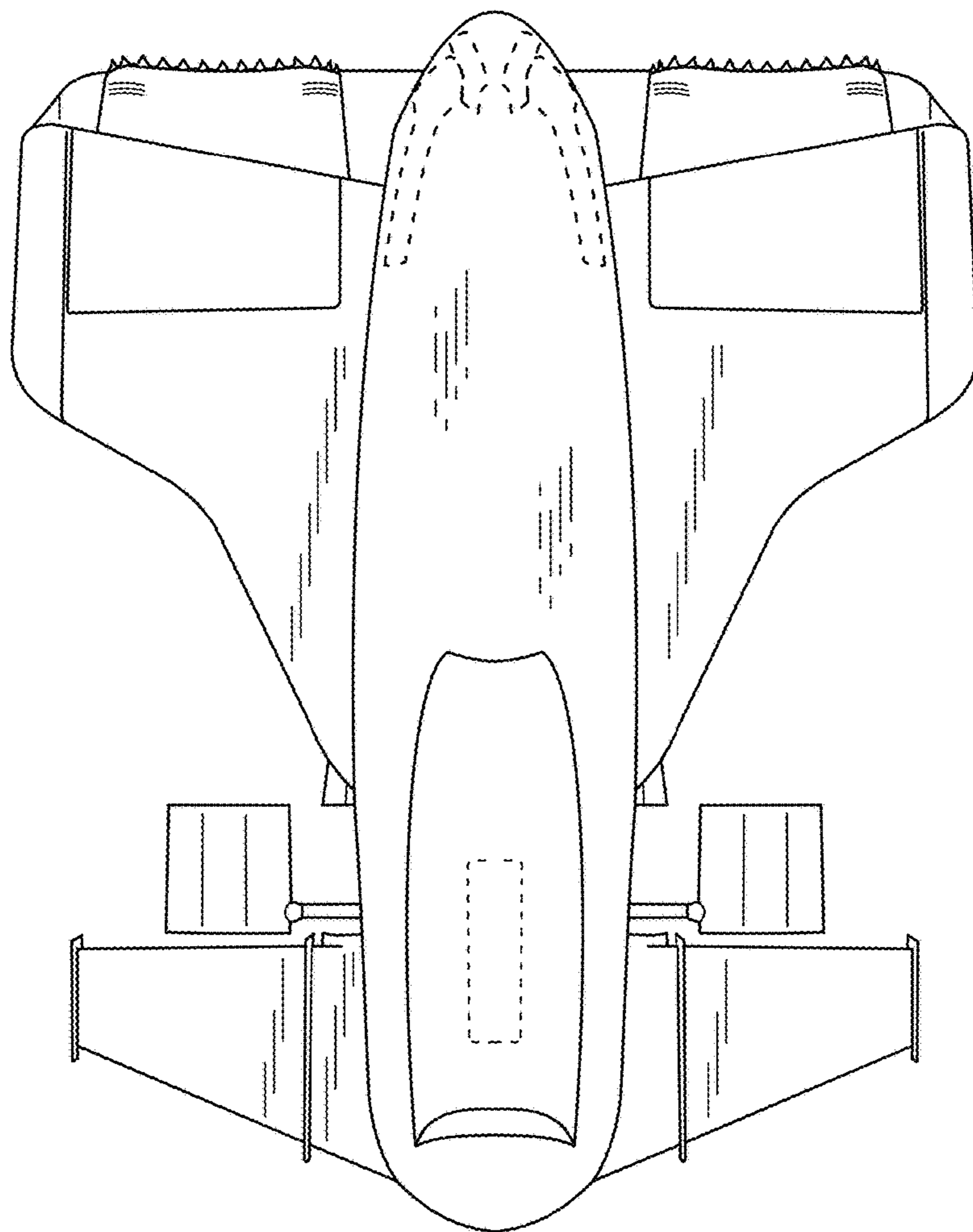


*Fig. 1*

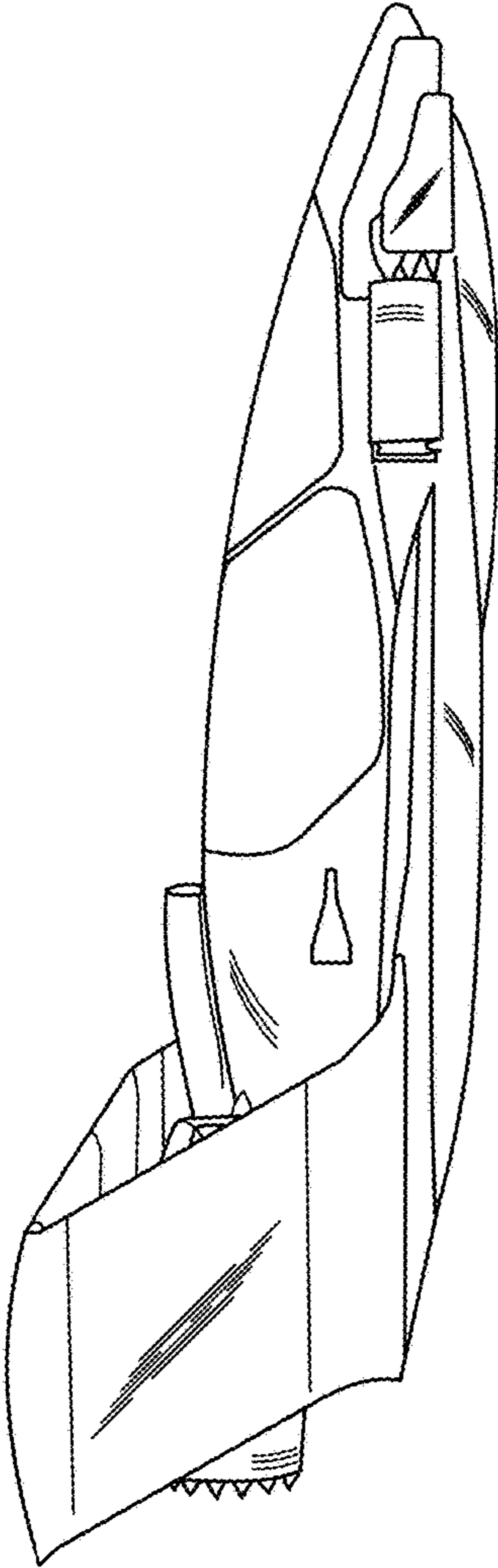


*Fig. 2*



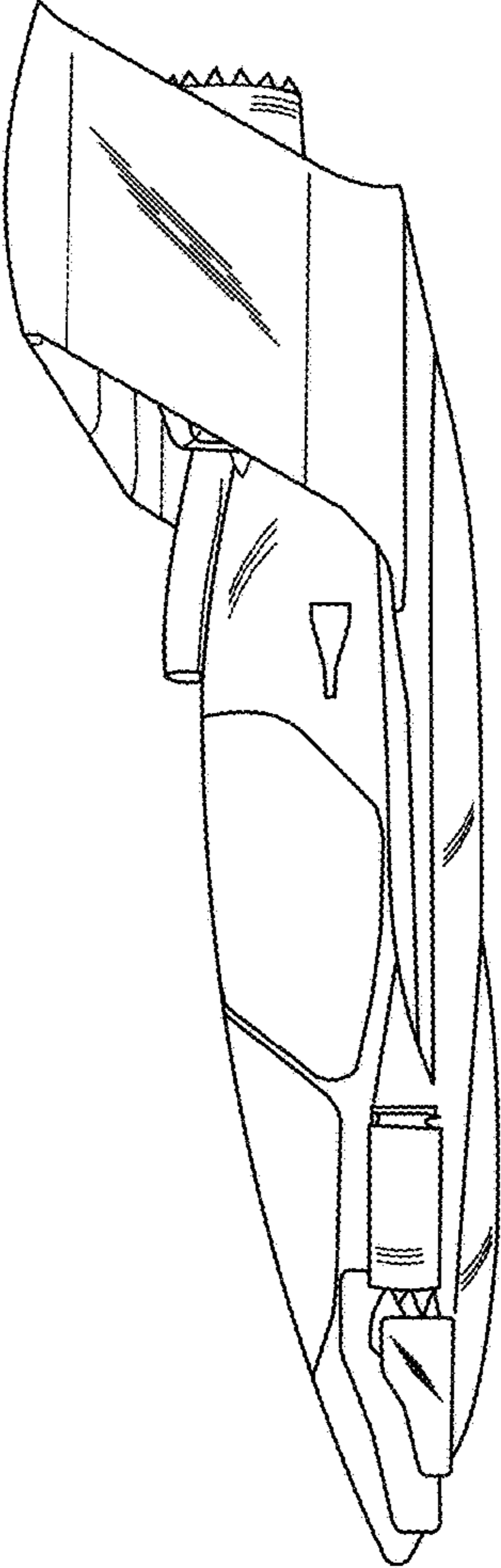


*Fig. 3*

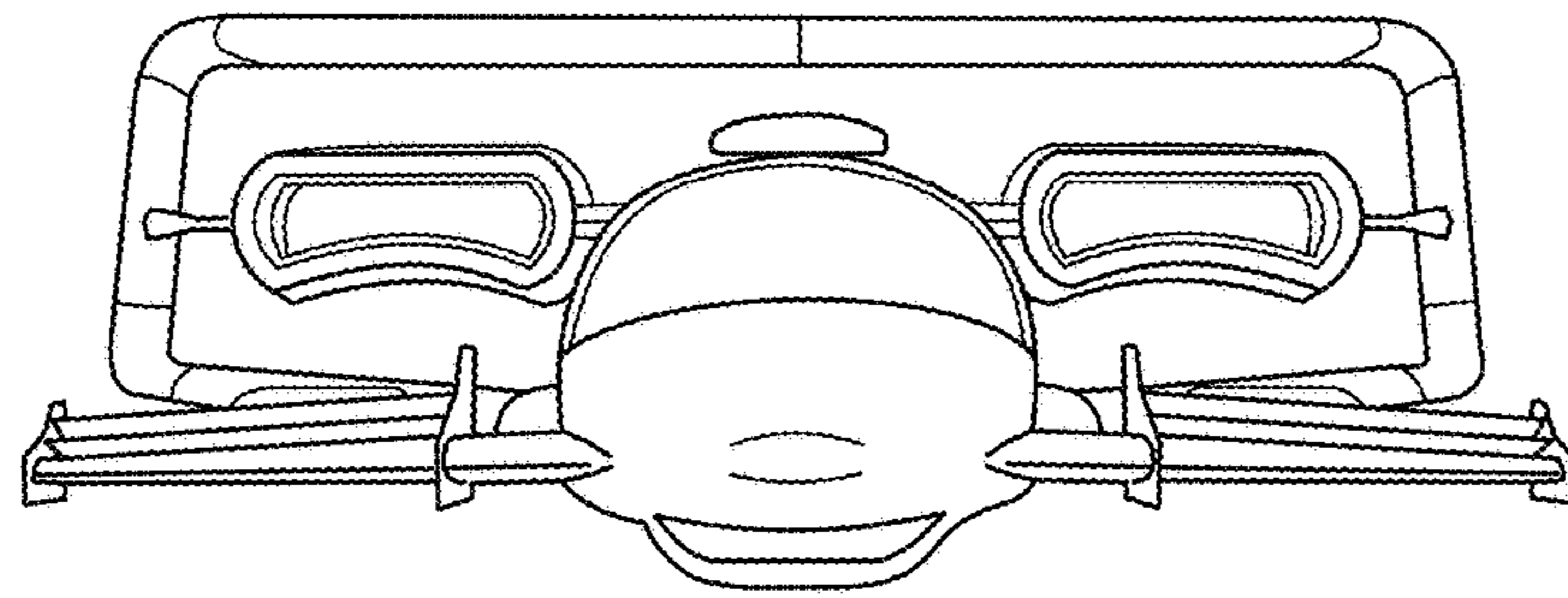


*Fig. 4*

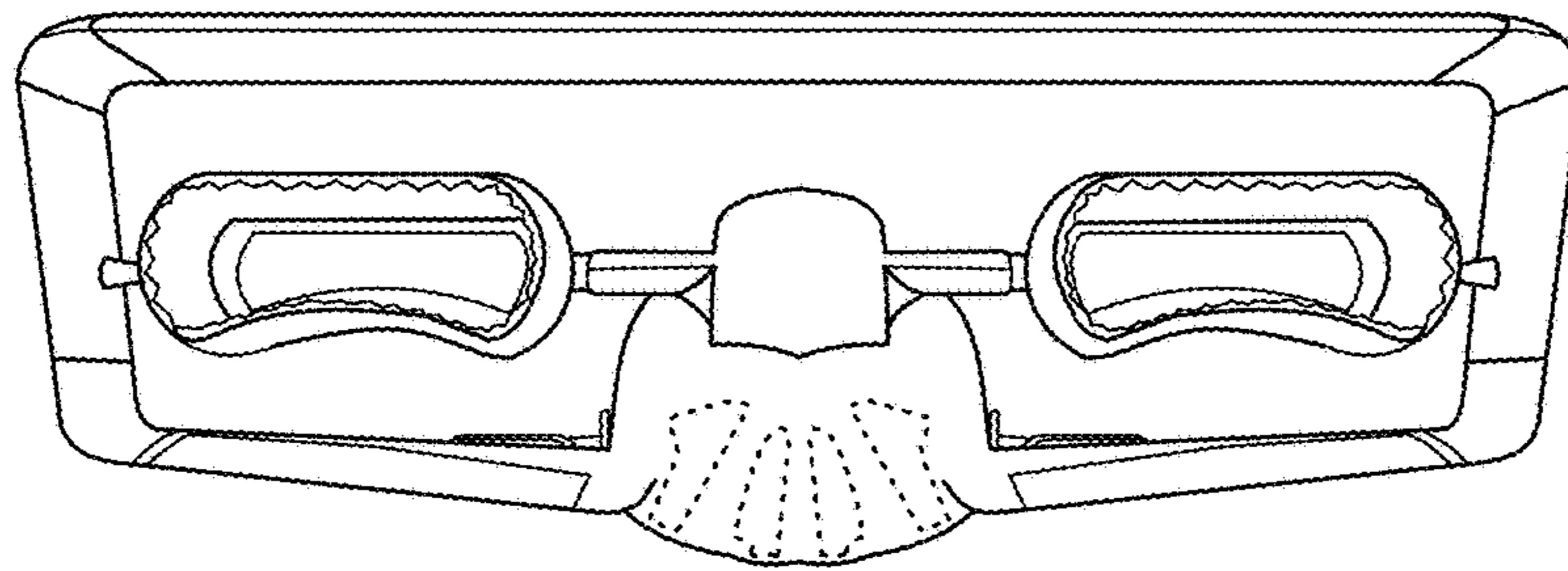




*Fig. 5*



*Fig. 6*



*Fig. 7*