



US00D901347S

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

(10) **Patent No.:** **US D901,347 S**

(45) **Date of Patent:** **** Nov. 10, 2020**

(54) **ROOF COMPONENT FOR A MOTOR VEHICLE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **SABIC Global Technologies B.V.**,
Bergen op Zoom (NL)

CA 2020546 2/1991
CN 1747858 A 3/2006

(Continued)

(72) Inventors: **Geert Jan Schellekens**, Gilze (NL);
Carlos Pereira, Putnam Valley, NY (US);
Bhushan Subhash Deshmukh, Bangalore (IN);
Max Morton, Pittsfield, MA (US)

OTHER PUBLICATIONS

Browand, F., "Reducing Aerodynamic Drag and Fuel Consumption", Global Climate and Energy Project, Advanced Transportation Workshop, (Oct. 2005), Stanford University, 27 pages.

(Continued)

(73) Assignee: **SABIC GLOBAL TECHNOLOGIES B.V.**, Bergen op Zoom (NL)

Primary Examiner — Katrina A Betton

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

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

(57) **CLAIM**

(21) Appl. No.: **29/699,892**

The ornamental design for a roof component for a motor vehicle, as shown and described.

(22) Filed: **Jul. 30, 2019**

DESCRIPTION

Related U.S. Application Data

(62) Division of application No. 29/649,424, filed on May 30, 2018, now Pat. No. Des. 862,330, which is a (Continued)

(51) **LOC (12) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/181**

(58) **Field of Classification Search**
USPC D12/181, 182, 183, 184, 191, 400 (Continued)

FIG. 1 is a front perspective view of a roof component for a motor vehicle, showing our new design; FIG. 2 is a rear perspective view of FIG. 1; FIG. 3 is a front elevation view of FIG. 1; FIG. 4 is a rear elevation view of FIG. 1; FIG. 5 is a side elevation view of FIG. 1; FIG. 6 is another side elevation view of FIG. 1; FIG. 7 is a top plan view of FIG. 1; FIG. 8 is a bottom perspective view of FIG. 1; and, FIG. 9 is another perspective view of FIG. 1 as shown in a motor vehicle environment.

The broken lines are for environmental purpose only and form no part of the claimed design.

The dash dot lines are boundary lines intended to define claimed and unclaimed areas of the design.

Further, the element may be of any color/shade or combination of colors/shades.

Still further, precise length of the article is not claimed.

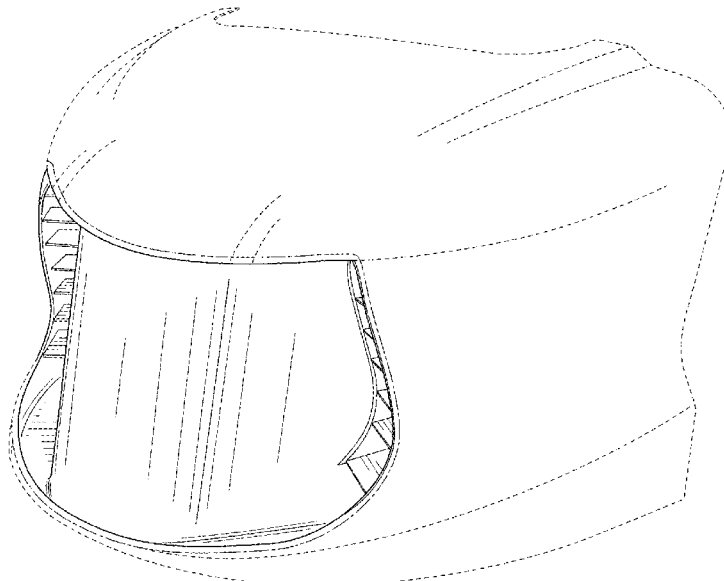
(56) **References Cited**

U.S. PATENT DOCUMENTS

3,162,745 A 12/1964 Rohr
3,633,934 A 1/1972 Wilfert

(Continued)

1 Claim, 7 Drawing Sheets



Related U.S. Application Data

division of application No. 29/549,893, filed on Dec. 29, 2015, now Pat. No. Des. 820,749.

(58) **Field of Classification Search**

CPC B32B 3/00; B60S 9/205
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,842,944 A 10/1974 Shiotani et al.
3,887,223 A 6/1975 Bez
4,103,957 A 8/1978 Landry et al.
4,227,593 A 10/1980 Bricmont et al.
4,245,862 A 1/1981 Buckley, Jr.
4,290,639 A 9/1981 Herpel
4,318,566 A 3/1982 Fitzjarrell
4,343,506 A 8/1982 Saltzman
4,408,792 A 10/1983 Sullivan
4,611,796 A 9/1986 Orr
4,890,877 A 1/1990 Ashtiani-Zarandi et al.
4,932,716 A 6/1990 Marlowe et al.
4,957,322 A 9/1990 Marlowe et al.
5,018,779 A 5/1991 Lund
5,139,297 A 8/1992 Carpenter et al.
5,150,935 A 9/1992 Glance et al.
5,174,626 A 12/1992 Wiley, Jr. et al.
5,249,837 A 10/1993 Luttrell
5,306,066 A 4/1994 Saathoff
5,480,729 A 1/1996 Hattori et al.
5,618,074 A 4/1997 Weast
5,715,917 A 2/1998 Smallwood
5,746,419 A 5/1998 McFadden et al.
5,755,485 A 5/1998 Christie et al.
5,819,408 A 10/1998 Catlin
6,099,069 A 8/2000 Spears
D436,894 S 1/2001 Barraclough et al.
6,183,041 B1 2/2001 Wilson
6,217,107 B1 4/2001 Langlois
6,299,958 B1 10/2001 St. Julien et al.
6,394,512 B1 5/2002 Schuster et al.
6,467,822 B1 10/2002 Leng
6,494,510 B2 12/2002 Okamura et al.
6,503,585 B1 1/2003 Wagenblast et al.
6,513,843 B1 2/2003 Frederick et al.
6,540,275 B1 4/2003 Iwamoto et al.
6,547,295 B2 4/2003 Vismara
D475,657 S 6/2003 Wong et al.
6,685,243 B1 2/2004 Evans
6,866,294 B2 3/2005 Horsch et al.
6,866,331 B2 3/2005 Kropfeld
6,905,136 B2 6/2005 Vidal et al.
6,938,936 B2 9/2005 Moojiman et al.
6,991,281 B2 1/2006 Spence et al.
7,004,502 B2 2/2006 Borroni-Bird et al.
7,044,514 B2 5/2006 Mustafa et al.
7,086,690 B2 8/2006 Shuler et al.
7,121,614 B2 10/2006 Kawai
7,134,700 B2 11/2006 Evans
7,163,243 B2 1/2007 Evans
7,222,896 B2 5/2007 Evans
D555,597 S 11/2007 Phung et al.
7,434,872 B2 10/2008 Steller
7,517,006 B2 4/2009 Kageyama et al.
7,520,561 B2 4/2009 Nakamae et al.
D595,628 S 7/2009 Boyd
7,568,746 B2 8/2009 Jaarda et al.
D600,606 S * 9/2009 Lamm D12/169
7,597,383 B2 10/2009 Itou et al.
7,607,720 B2 10/2009 Noyori et al.
7,699,383 B2 4/2010 Fukukawa et al.
7,806,448 B2 10/2010 Allen et al.
7,879,435 B2 2/2011 Mett et al.
7,938,462 B2 5/2011 Nilsson
8,162,382 B2 4/2012 Hjelm et al.
D666,541 S 9/2012 Stimel, Jr.

D670,217 S 11/2012 Bobba et al.
D670,218 S 11/2012 Bobba et al.
8,322,780 B2 12/2012 Nagwanshi et al.
8,348,313 B2 1/2013 Chickmenahalli et al.
8,403,400 B2 3/2013 Brewer
8,469,417 B2 6/2013 Di Modugno
8,474,583 B2 7/2013 Nagwanshi et al.
D687,359 S 8/2013 Peltola et al.
8,505,990 B2 8/2013 Czopek et al.
D696,169 S 12/2013 Mana et al.
D699,648 S 2/2014 Sancer et al.
D707,605 S 6/2014 Duncan et al.
D707,608 S 6/2014 Smith
D709,007 S 7/2014 Morris et al.
D709,008 S 7/2014 Brzustowicz et al.
D709,009 S 7/2014 Brzustowicz et al.
D710,773 S * 8/2014 Ito D12/181
8,801,077 B2 8/2014 Vogel et al.
8,807,628 B1 8/2014 Pfaff
8,807,630 B2 8/2014 Rode et al.
8,864,216 B2 10/2014 Nagwanshi et al.
8,905,444 B2 12/2014 Zannier
D722,544 S * 2/2015 Ito D12/181
9,033,380 B2 5/2015 Mana et al.
D731,382 S 6/2015 Mana et al.
9,050,939 B2 6/2015 Marur et al.
D752,488 S 3/2016 Peltola et al.
D758,253 S * 6/2016 Brzustowicz D12/96
D760,633 S 7/2016 Peltola et al.
D772,127 S 11/2016 Heilaneh et al.
D773,360 S 12/2016 Heilaneh et al.
D780,648 S 3/2017 Pereira et al.
D782,947 S 4/2017 Sausaman et al.
D813,772 S * 3/2018 Anderson D12/196
D814,376 S * 4/2018 Anderson D12/196
D820,749 S 6/2018 Schellekens et al.
D827,498 S * 9/2018 Anderson D12/96
D881,097 S * 4/2020 Smith D12/196
D882,466 S * 4/2020 Yong D12/169
D885,272 S * 5/2020 Smith D12/181
D889,336 S * 7/2020 Smith D12/181
2001/0026072 A1 10/2001 Sato et al.
2002/0017805 A1 2/2002 Carroll, III et al.
2002/0043809 A1 4/2002 Vismara
2002/0050413 A1 5/2002 Renault
2002/0070584 A1 6/2002 Carroll, III et al.
2002/0125725 A1 9/2002 Satou
2002/0129981 A1 9/2002 Satou
2002/0180223 A1 12/2002 Vismara et al.
2003/0034658 A1 2/2003 Cate et al.
2003/0067179 A1 4/2003 Bastien et al.
2003/0164618 A1 9/2003 Gentle
2004/0051321 A1 3/2004 Hanai et al.
2004/0124643 A1 7/2004 Matsumoto et al.
2004/0174025 A1 9/2004 Converse et al.
2006/0119116 A1 6/2006 Goertz
2006/0181089 A1 8/2006 Andre et al.
2006/0261611 A1 11/2006 Mohapatra et al.
2007/0069535 A1 3/2007 Mohapatra et al.
2007/0122510 A1 5/2007 Mendiboure et al.
2007/0200376 A1 8/2007 Jaarda et al.
2007/0257513 A1 11/2007 Schwartz
2008/0048462 A1 2/2008 Zabik
2008/0197663 A1 8/2008 Smith
2008/0246277 A1 10/2008 Gallagher et al.
2008/0286522 A1 11/2008 Khan et al.
2009/0160203 A1 6/2009 Garg et al.
2009/0309387 A1 12/2009 Goral et al.
2010/0201040 A1 8/2010 Guichard et al.
2010/0244472 A1 9/2010 Gonin et al.
2011/0316307 A1 12/2011 Di Modugno
2012/0104778 A1 5/2012 Mana et al.
2012/0112479 A1 5/2012 Nagwanshi et al.
2012/0153643 A1 6/2012 Mana et al.
2012/0153669 A1 6/2012 Nagwanshi et al.
2013/0106139 A1 5/2013 Nagwanshi et al.
2014/0203577 A1 7/2014 Nagwanshi et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

2014/0203592 A1 7/2014 Nagwanshi et al.
 2017/0120964 A1* 5/2017 Kim B62D 35/001

FOREIGN PATENT DOCUMENTS

CN	101529118	A	9/2009
DE	102006032867	A1	1/2008
DE	102007038087	A1	2/2009
DE	102011104368	A1	3/2012
EP	0661198	A1	7/1995
EP	1065108	A2	1/2001
EP	1104857	A1	6/2001
EP	1300293	A9	4/2003
EP	1369309	A1	12/2003
EP	1419936	A1	5/2004
EP	1473197	A1	11/2004
EP	1652733	A1	5/2006
EP	1759959	A2	3/2007
EP	2380782	A1	10/2011
FR	2702432	A1	9/1994
FR	2859970	A1	3/2005
FR	2864811	A1	7/2005
FR	2887508	A1	12/2006
FR	2890361	A1	3/2007
GB	2384217	A	7/2003
GB	2386937	A	10/2003
GB	2459186	A	10/2009
JP	S5739881	U	3/1982
JP	S5795264	A	6/1982
JP	2001334962	A	12/2001
JP	2006247237	A	9/2006
JP	2014004973	A	1/2014
WO	2005100100	A1	10/2005
WO	2005105554	A1	11/2005
WO	2006008150	A1	1/2006

WO	2006065868	A2	6/2006
WO	2006119225	A2	11/2006
WO	2006136743	A1	12/2006
WO	2008016653	A2	2/2008
WO	2008140362	A1	11/2008
WO	2010026444	A1	3/2010
WO	2010103449	A1	9/2010
WO	2010109405	A1	9/2010
WO	2012014091	A1	2/2012
WO	2012040826	A1	4/2012
WO	2012042396	A1	4/2012
WO	2013007386	A1	1/2013
WO	2013082484	A1	6/2013
WO	2014113580	A1	7/2014

OTHER PUBLICATIONS

European Patent for the corresponding application, European Patent No. 0661198 (A1), Publication Date: Jul. 5, 1995; Abstract Only; 2 pages.

Galipeau-Belair, "Design and Development of Side Underride Protection Devices (SUPD) for Heavy Vehicles," Master Degree Thesis, (Apr. 2014), 134 pages.

International Search Report for International Application No. PCT/US2015/060529; dated Feb. 3, 2016; 7 pages.

Japanese Patent No. 2001334962A; Date of Publication: Dec. 4, 2001; Abstract Only, 2 pages.

Japanese Patent No. S5739881U; Date of Publication: Mar. 3, 1982; English translation; 7 pages.

Japanese Patent No. S5795264A; Date of Publication: Jun. 14, 1982; Abstract Only, 2 pages.

Written Opinion of the International Search Report for International Application No. PCT/US2015/060529; dated Feb. 3, 2016; 10 pages.

* cited by examiner

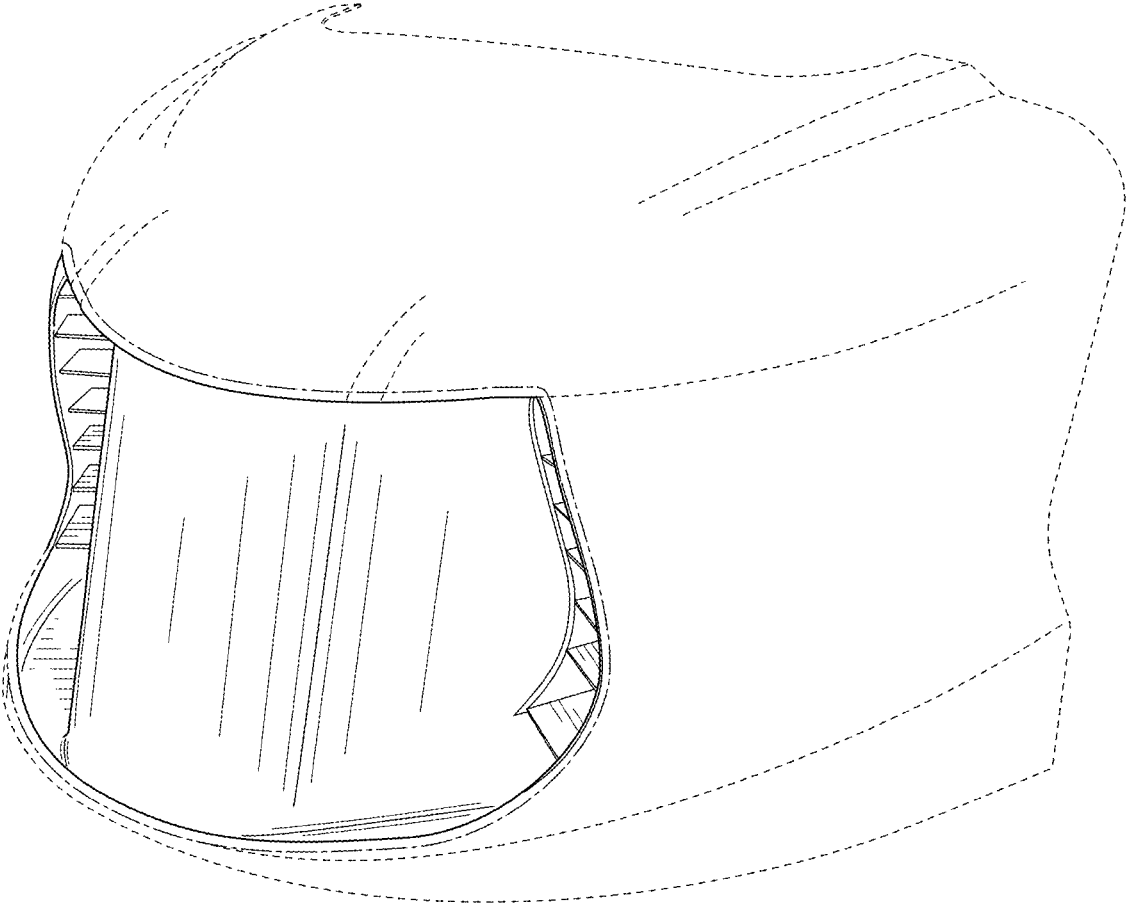


FIG. 1

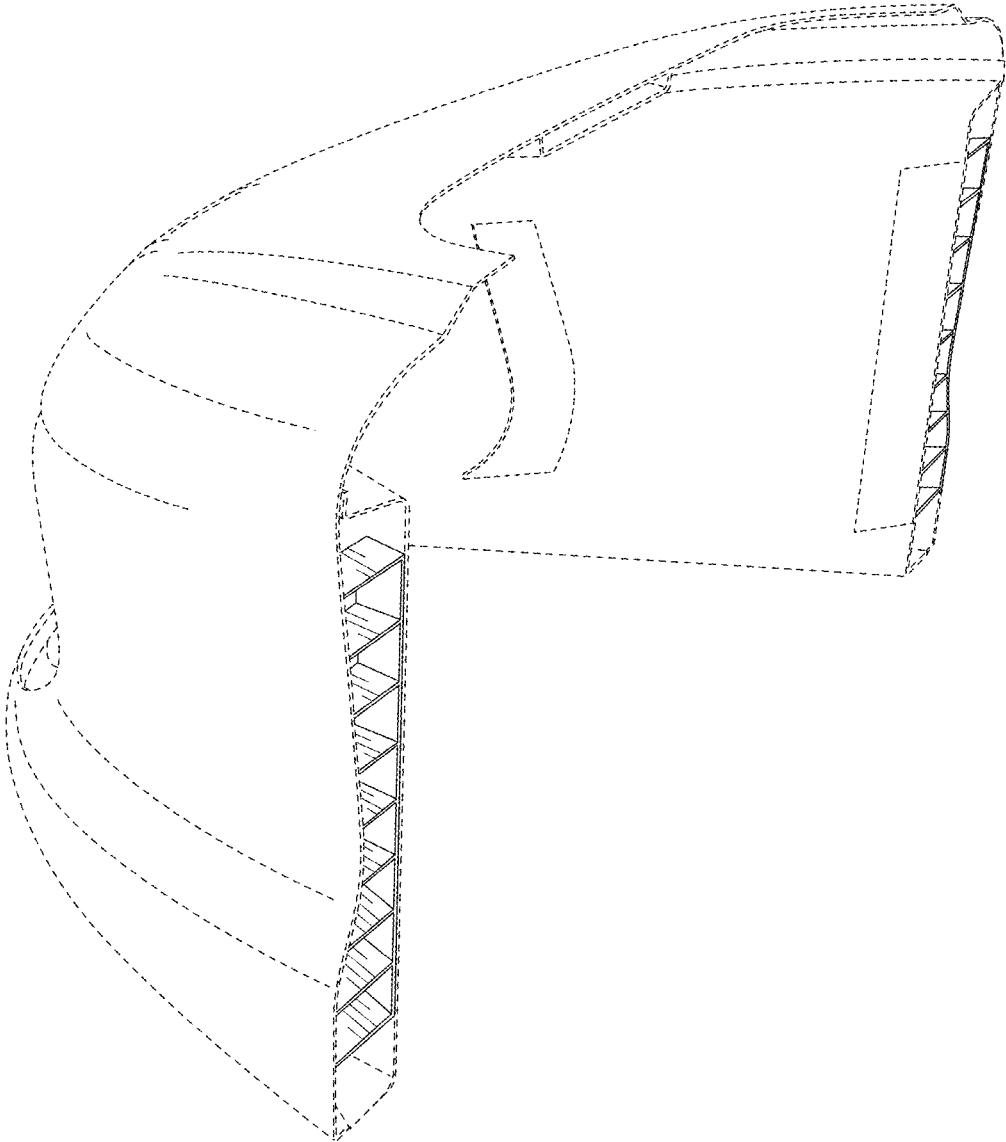


FIG. 2

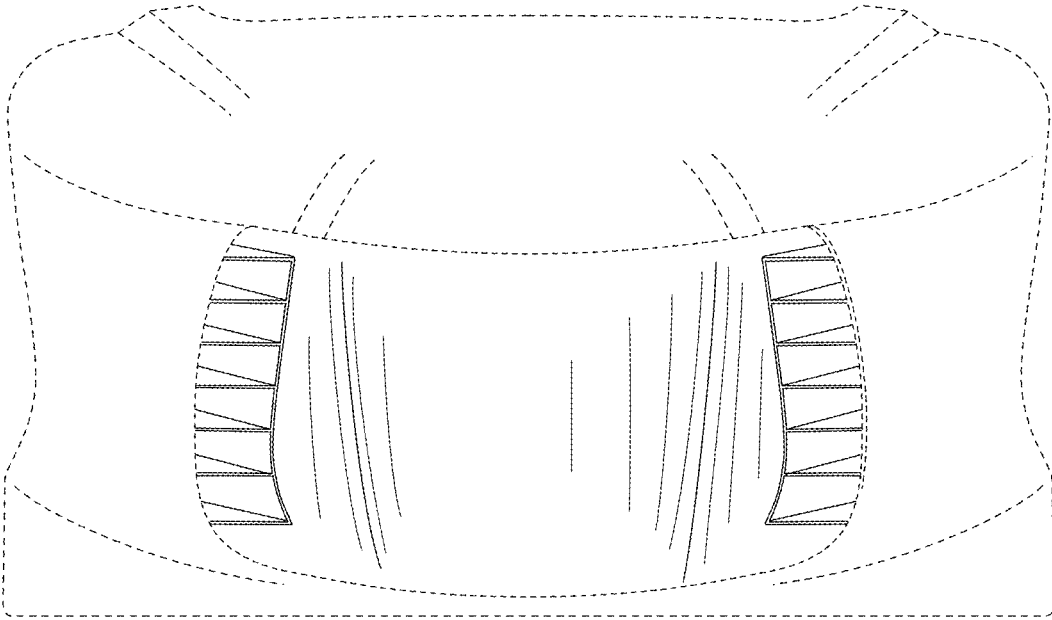


FIG. 3

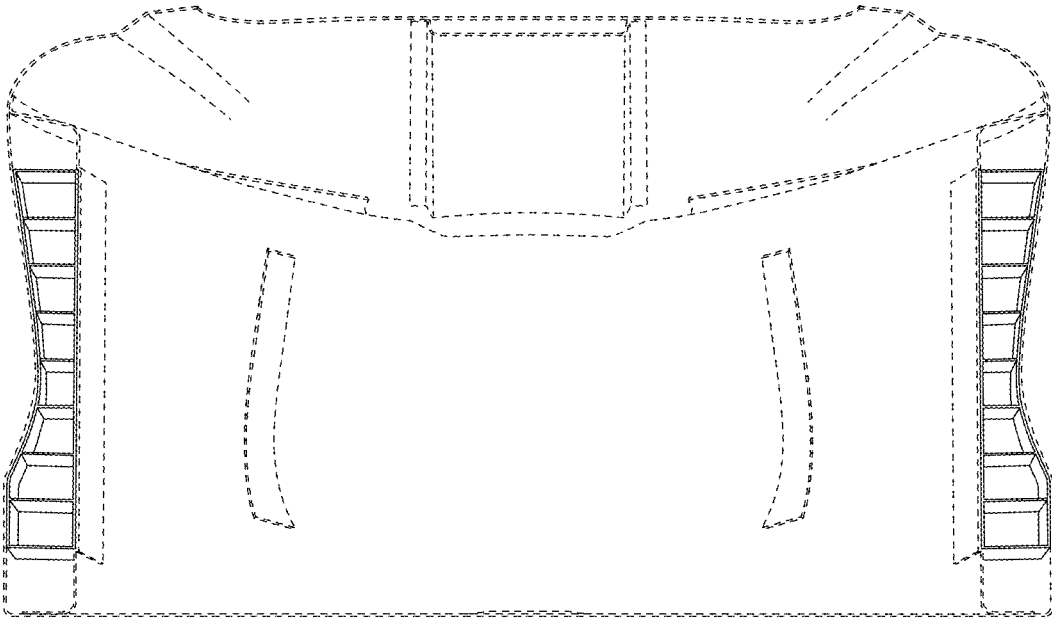


FIG. 4

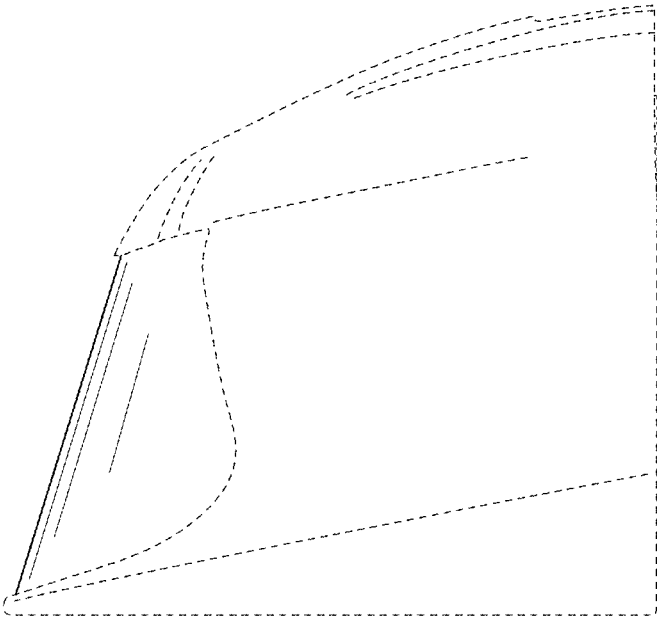


FIG. 5

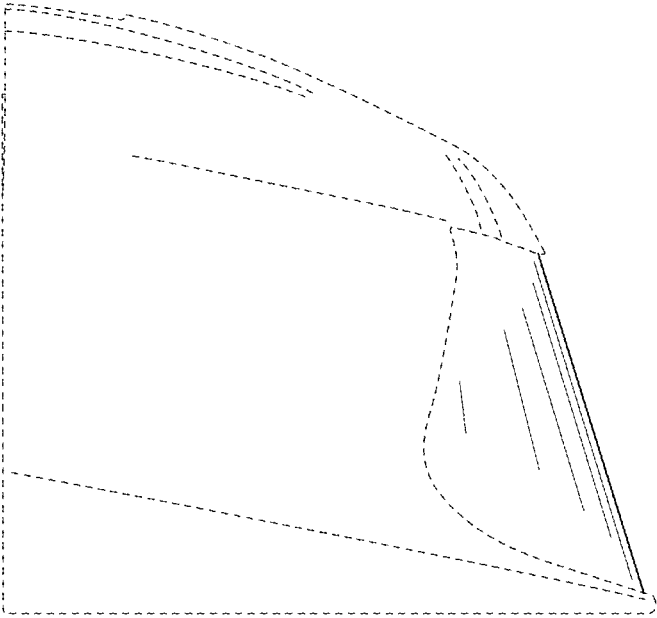


FIG. 6

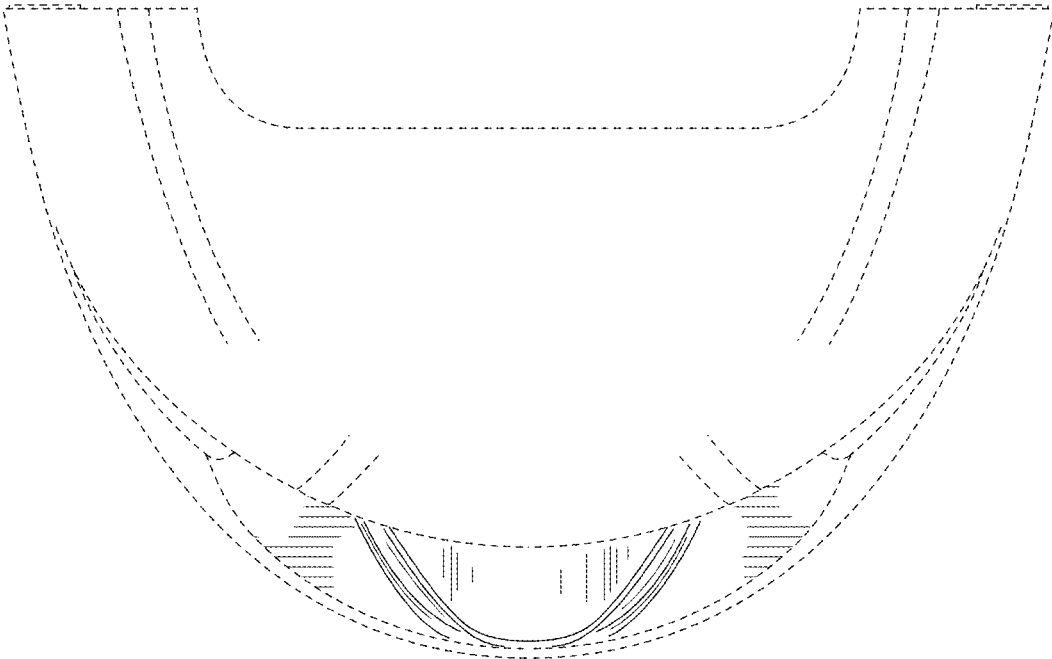


FIG. 7

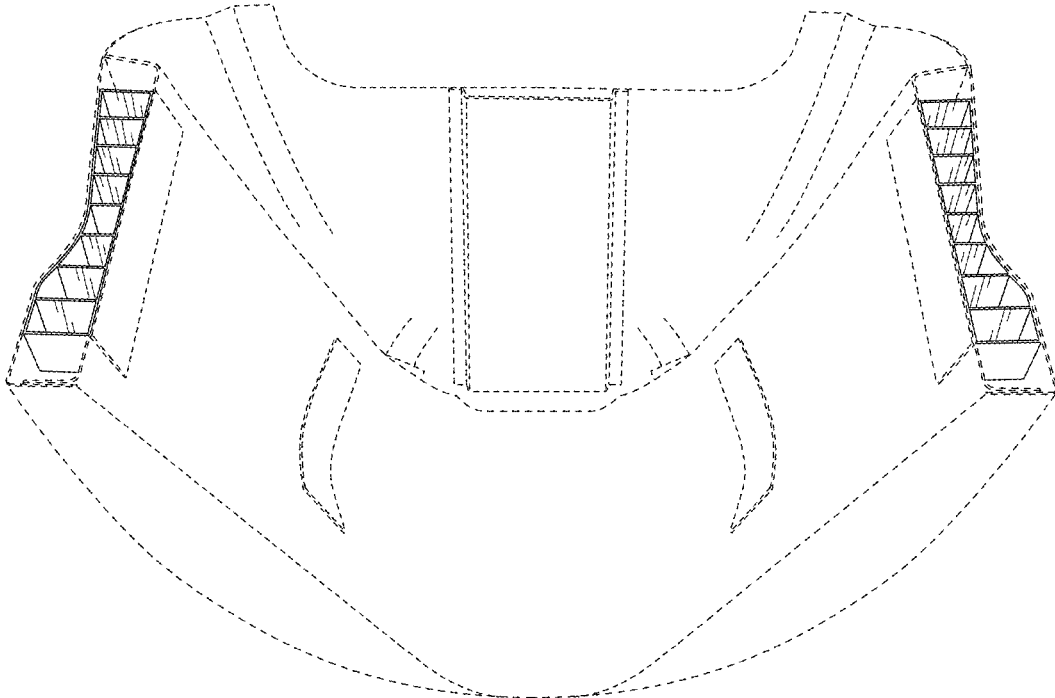


FIG. 8

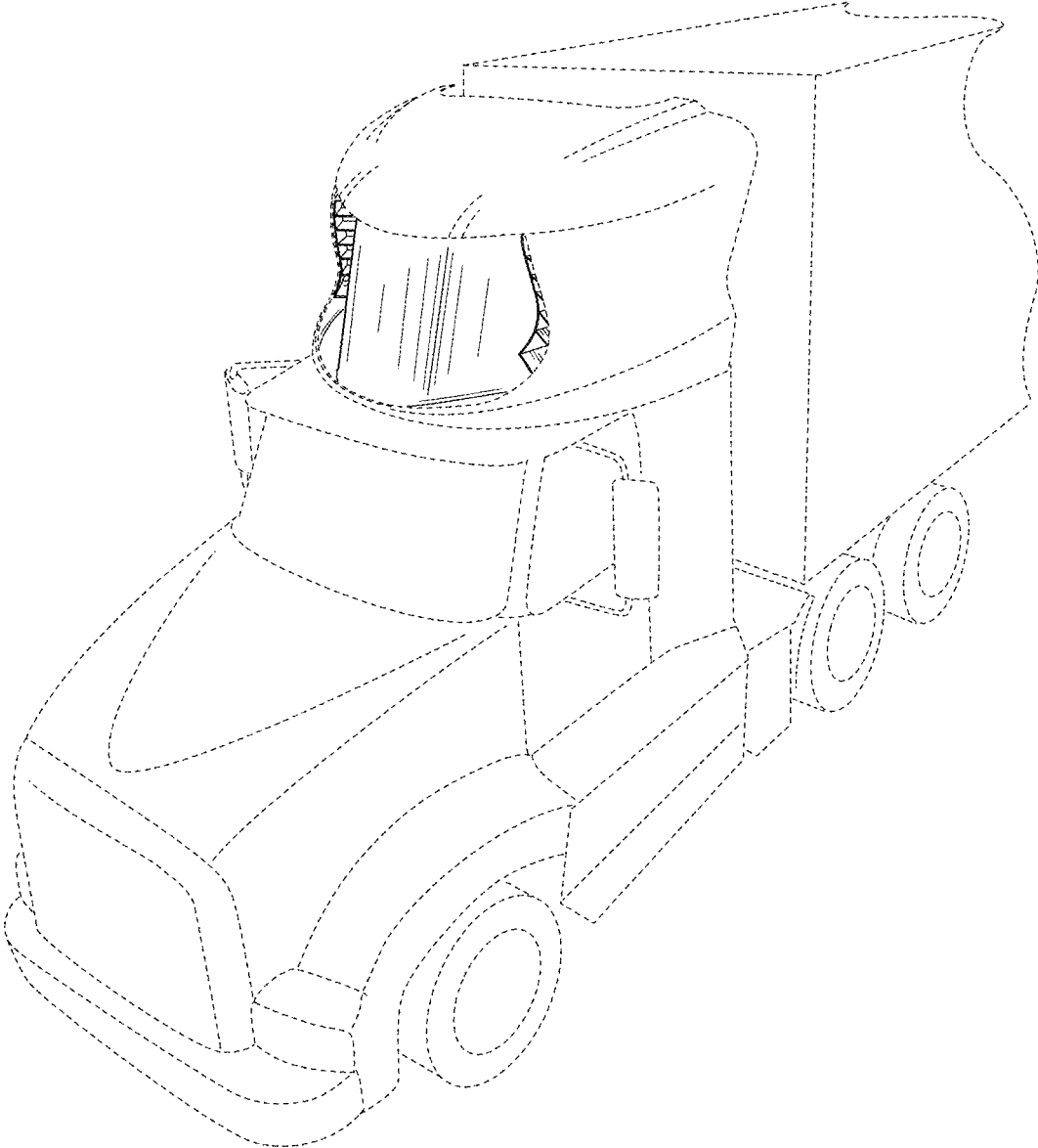


FIG. 9