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

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(45) **Date of Patent:** **** May 10, 2016**

(54) **AUTONOMOUS VEHICLE EXTERIOR**

D294,365 S 2/1988 Nishibori et al.
D323,901 S 2/1992 Falck et al.
D350,503 S * 9/1994 Yang D12/90

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(Continued)

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OTHER PUBLICATIONS

McFadden, Colin-Druce, "Autonomous car concept swaps steering wheel for gesture controls", <<http://www.dvice.com/2014-3-12/autonomous-car-concept-swaps-steering-wheel-gesture-controls>>, Mar. 12, 2014.

(Continued)

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

Assistant Examiner — Clese Moore, Jr.

(21) Appl. No.: **29/529,601**

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(57) **CLAIM**

The ornamental design for an autonomous vehicle exterior, as shown and described.

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/491,722, filed on May 23, 2014, now Pat. No. Des. 734,211.

(51) **LOC (10) Cl.** **12-08**

(52) **U.S. Cl.**
USPC **D12/86**

(58) **Field of Classification Search**
USPC D12/86, 90-92, 82, 1, 7, 14, 190;
D21/424, 433, 434, 548
CPC B62D 31/003; B62D 3/10; B62D 29/043;
B62D 35/00; B62D 25/06; B62D 25/08
See application file for complete search history.

FIG. 1 is a front perspective view of an autonomous vehicle exterior according to our design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a back elevation view thereof;
FIG. 4 is a right side elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a front perspective view of the autonomous vehicle exterior of FIG. 1 in a configuration showing a door in an open position; and,
FIG. 9 is a top plan view of the autonomous vehicle exterior of FIG. 13 in a configuration showing a door in an open position.

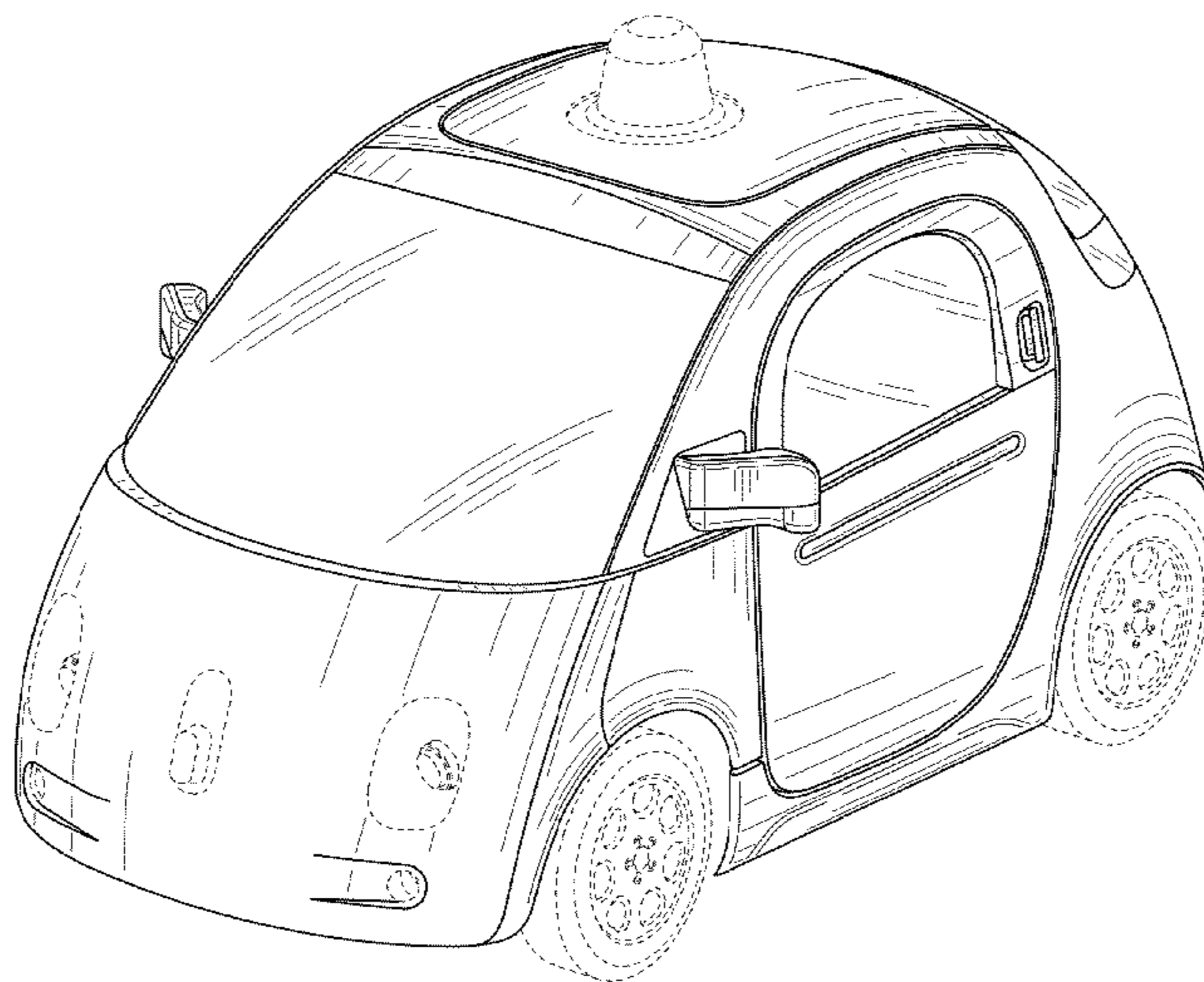
The broken lines shown illustrate portions of the autonomous vehicle exterior that form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,032,645 A 5/1962 Wilfert
3,093,320 A 6/1963 Knapp
D282,923 S 3/1986 Soederberg
D287,289 S 12/1986 Kato et al.
D293,937 S 1/1988 Soma
D293,938 S 1/1988 Soma

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D411,814 S * 7/1999 Chibuka D12/90
 D418,471 S 1/2000 Gabath
 D421,588 S 3/2000 Kitamura
 D447,191 S * 8/2001 Hoelzel D21/433
 D456,312 S 4/2002 Leutz
 D457,115 S 5/2002 Mahoney et al.
 D459,764 S * 7/2002 Hoelzel D21/433
 D466,458 S 12/2002 Murkett
 D467,849 S 12/2002 Murkett
 6,530,251 B1 3/2003 Dimig
 D472,863 S 4/2003 Carroll
 D475,474 S 6/2003 Hsieh et al.
 D476,340 S * 6/2003 Kizlyk D15/10
 D486,596 S 2/2004 Chen
 D490,170 S 5/2004 Metros et al.
 D515,489 S 2/2006 Tokutake
 D520,428 S 5/2006 Iwanaga et al.
 D525,727 S 7/2006 Fujimoto et al.
 D525,731 S 7/2006 Hovind et al.
 D526,429 S 8/2006 Hovind et al.
 D527,122 S 8/2006 Chuang
 D528,490 S 9/2006 Schumaker
 D532,535 S 11/2006 Lin
 D534,285 S 12/2006 Williams
 D546,986 S 7/2007 Platto et al.
 D547,473 S 7/2007 Yeoman et al.
 D549,364 S 8/2007 Hovind et al.
 D549,366 S 8/2007 Hovind et al.
 D553,269 S 10/2007 Pfeiffer et al.
 D556,111 S 11/2007 Levy
 D556,662 S 12/2007 Murkett
 D559,734 S 1/2008 Sinkwitz
 D564,432 S 3/2008 Pfeiffer
 D565,764 S 4/2008 Zimmermann et al.
 D568,792 S 5/2008 Moushegian et al.
 D578,685 S 10/2008 Manus
 D581,081 S 11/2008 Mier-Langner
 D582,824 S 12/2008 Kobayashi
 D586,020 S 2/2009 Hsu
 D592,102 S * 5/2009 Kim D12/90
 D592,336 S 5/2009 Hsu
 D593,231 S 5/2009 Koman
 7,537,256 B2 5/2009 Gates et al.
 D594,383 S 6/2009 Lo et al.
 D596,323 S 7/2009 Ishizuka et al.
 D601,072 S 9/2009 Giachin
 D603,296 S * 11/2009 Zhou D12/86
 D603,306 S 11/2009 Jung et al.
 D608,263 S 1/2010 Truebsbach
 D613,220 S 4/2010 Ikeda et al.
 D615,905 S * 5/2010 Arnell D12/91
 D619,931 S * 7/2010 Arnell D12/86
 D624,218 S 9/2010 Nakai et al.
 D625,445 S 10/2010 Takahashi et al.
 D629,717 S * 12/2010 Artioli D12/86
 D633,644 S 3/2011 Sprengers
 D633,839 S 3/2011 Matei et al.

D634,053 S 3/2011 Guercio
 D634,686 S 3/2011 Matei et al.
 D636,317 S 4/2011 Matei et al.
 D638,338 S 5/2011 Huet
 D644,975 S 9/2011 Kumai et al.
 D649,910 S 12/2011 Mullen
 D651,132 S * 12/2011 Lambri D12/86
 D655,836 S 3/2012 Lee et al.
 D660,211 S 5/2012 Ikuma et al.
 D663,665 S 7/2012 Hakamata et al.
 D667,973 S 9/2012 Schneider
 D671,452 S * 11/2012 Fernandez Isoird D12/86
 D671,453 S * 11/2012 Fernandez Isoird D12/86
 D675,961 S * 2/2013 Nagafuchi D12/91
 D676,359 S * 2/2013 Panoz D12/86
 D678,566 S 3/2013 Janssen
 D681,529 S 5/2013 Minami et al.
 D682,172 S 5/2013 Peltola et al.
 D684,091 S * 6/2013 Frenzel D12/90
 D692,167 S 10/2013 Yamazaki et al.
 D692,168 S 10/2013 Harrington, Jr.
 D693,270 S * 11/2013 Burki D12/86
 D693,272 S 11/2013 Burki et al.
 D695,178 S 12/2013 Tada et al.
 D695,179 S 12/2013 Tada et al.
 D695,661 S 12/2013 Asano et al.
 D695,663 S 12/2013 Suga et al.
 D695,664 S 12/2013 Suga et al.
 D696,172 S 12/2013 Kawasaki et al.
 D696,999 S 1/2014 Suga et al.
 D698,717 S 2/2014 Kobayashi
 D699,375 S 2/2014 Ueda et al.
 D700,104 S * 2/2014 Malachowski D12/90
 D701,334 S 3/2014 Christ
 D706,191 S 6/2014 Choi et al.
 D706,467 S 6/2014 Robinson
 D706,692 S 6/2014 Wheel et al.
 D710,264 S 8/2014 Watkins et al.
 D711,566 S 8/2014 Wu
 D716,206 S 10/2014 Thole et al.
 D716,476 S 10/2014 Asano
 D718,197 S 11/2014 Chen
 D718,695 S 12/2014 Galante et al.
 D719,062 S * 12/2014 Wada D12/86
 D720,874 S 1/2015 Jackson et al.
 D721,024 S 1/2015 Thole et al.
 D726,351 S 4/2015 Kato
 D730,254 S 5/2015 Glover et al.
 D731,097 S 6/2015 Dai
 D731,379 S 6/2015 Behmer et al.
 D734,211 S * 7/2015 Ahn D12/86
 D736,430 S 8/2015 Ko
 D745,722 S 12/2015 Smith
 2014/0252949 A1 9/2014 Ko et al.

OTHER PUBLICATIONS

Ridden, Paul, "ATNMBL—The concept car with no steering wheel, brake pedal or driver's seat", <<http://www.gizmag.com/atnmb-automonomous-concept-passenger-transport/15877/>>, Jul. 29, 2010.

* cited by examiner

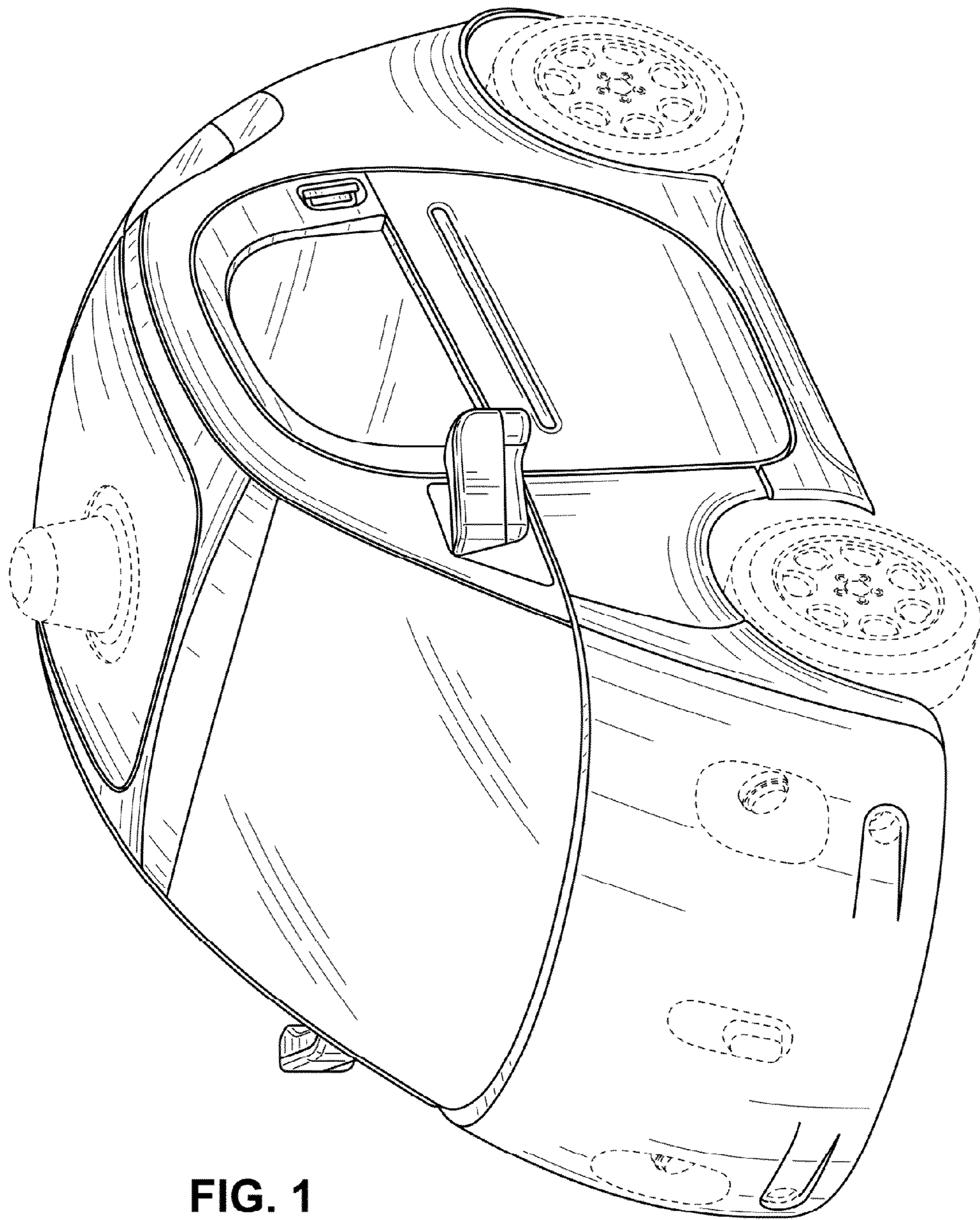


FIG. 1

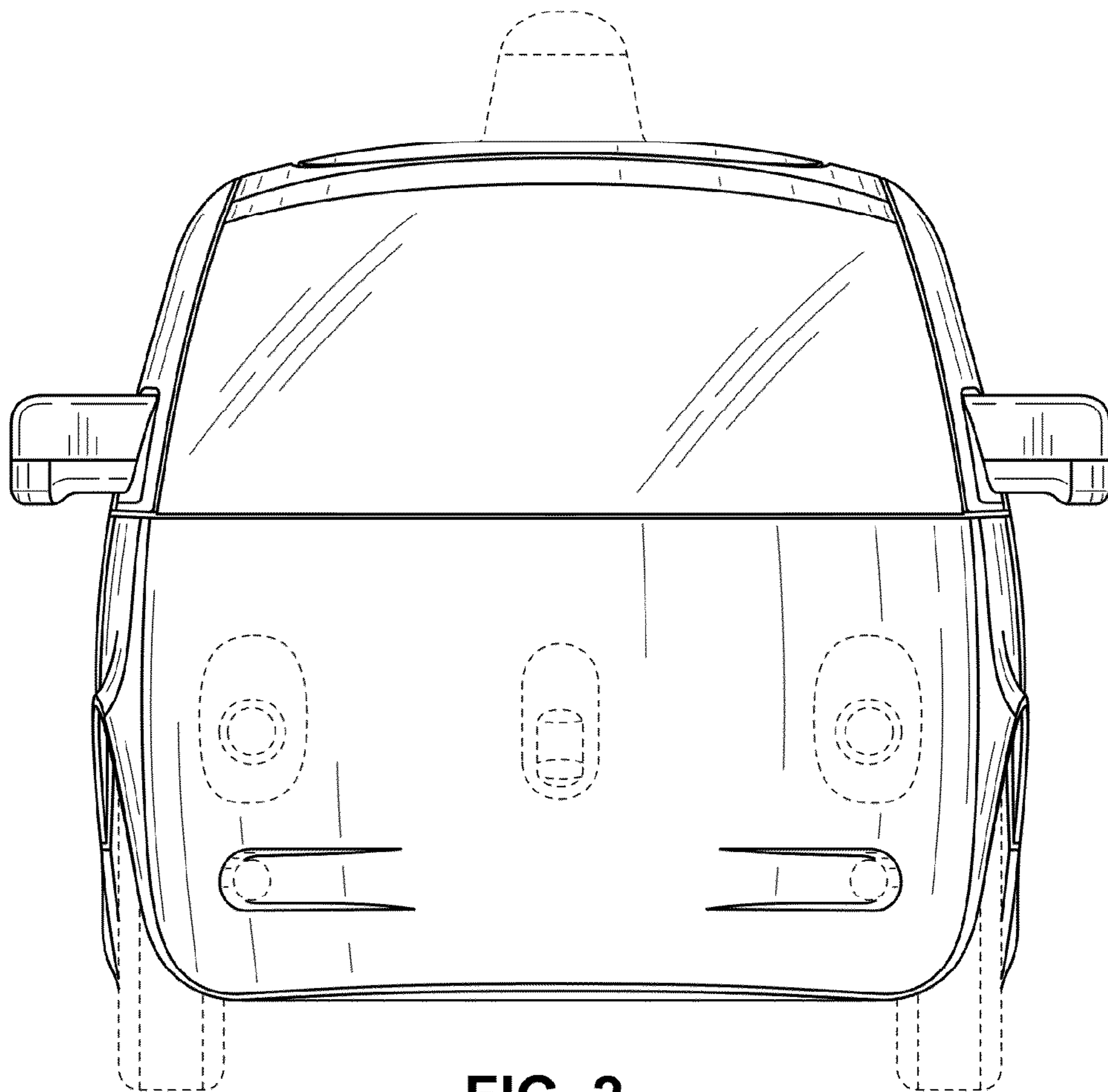


FIG. 2

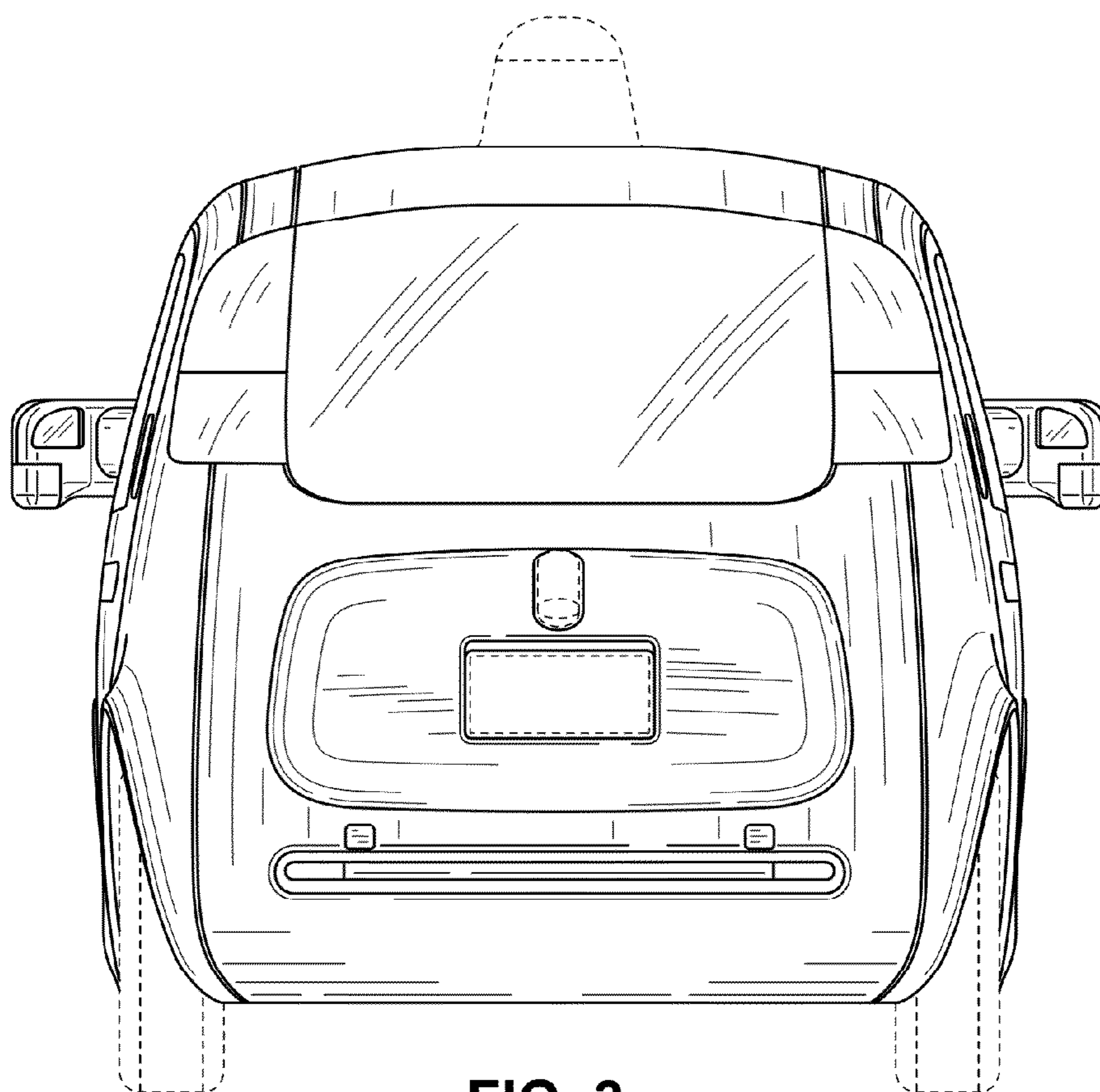


FIG. 3

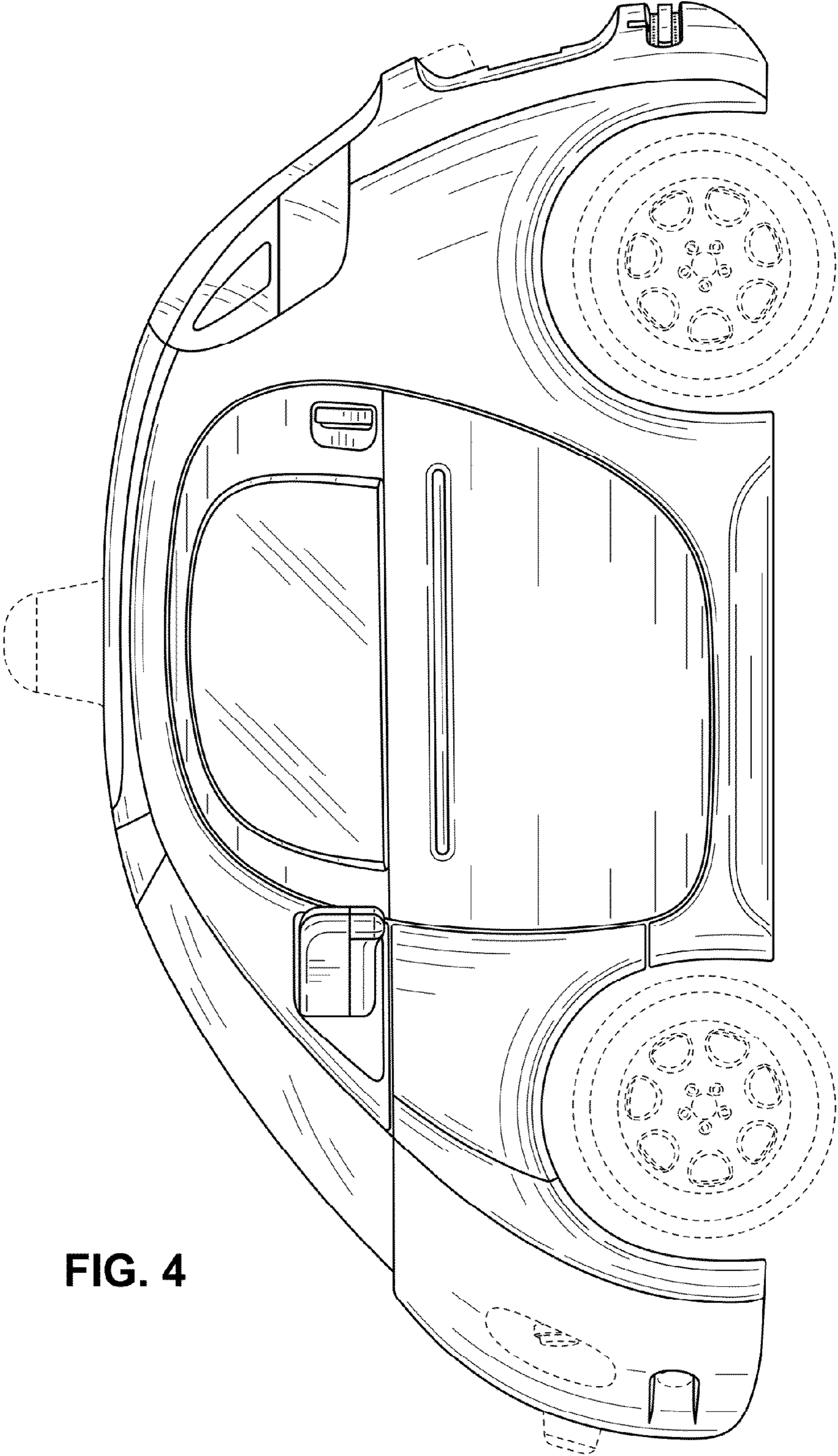


FIG. 4

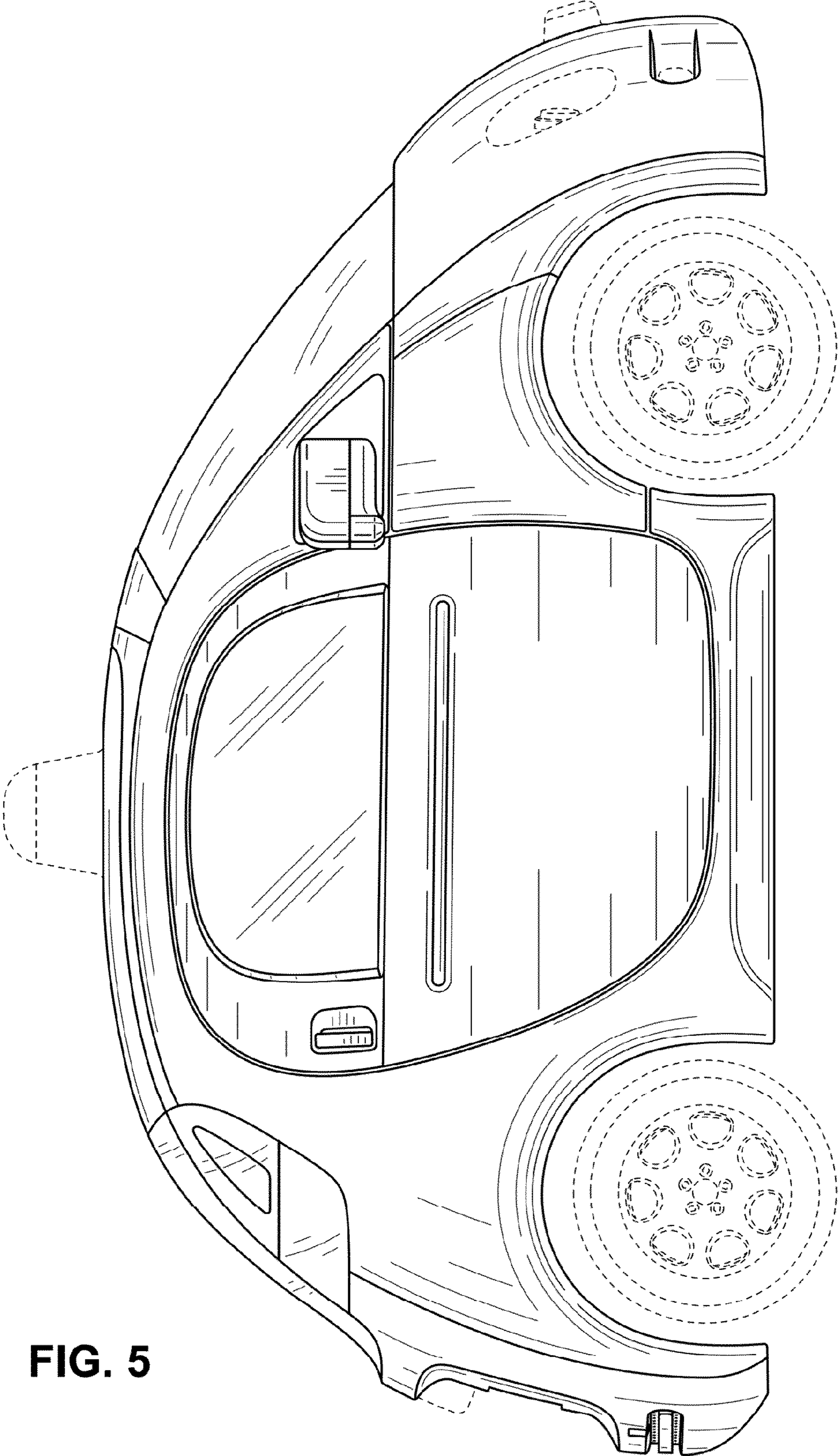


FIG. 5

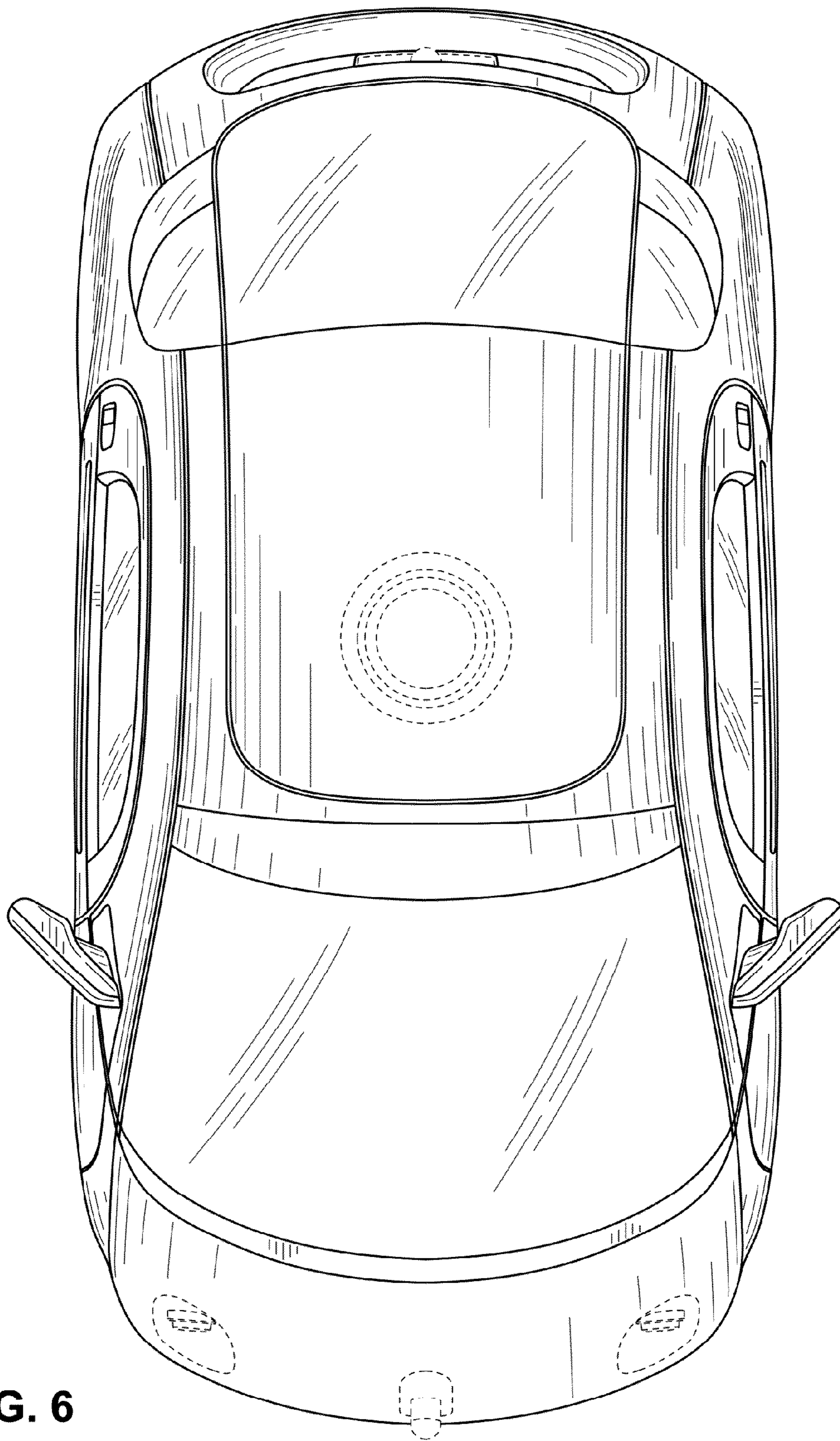


FIG. 6

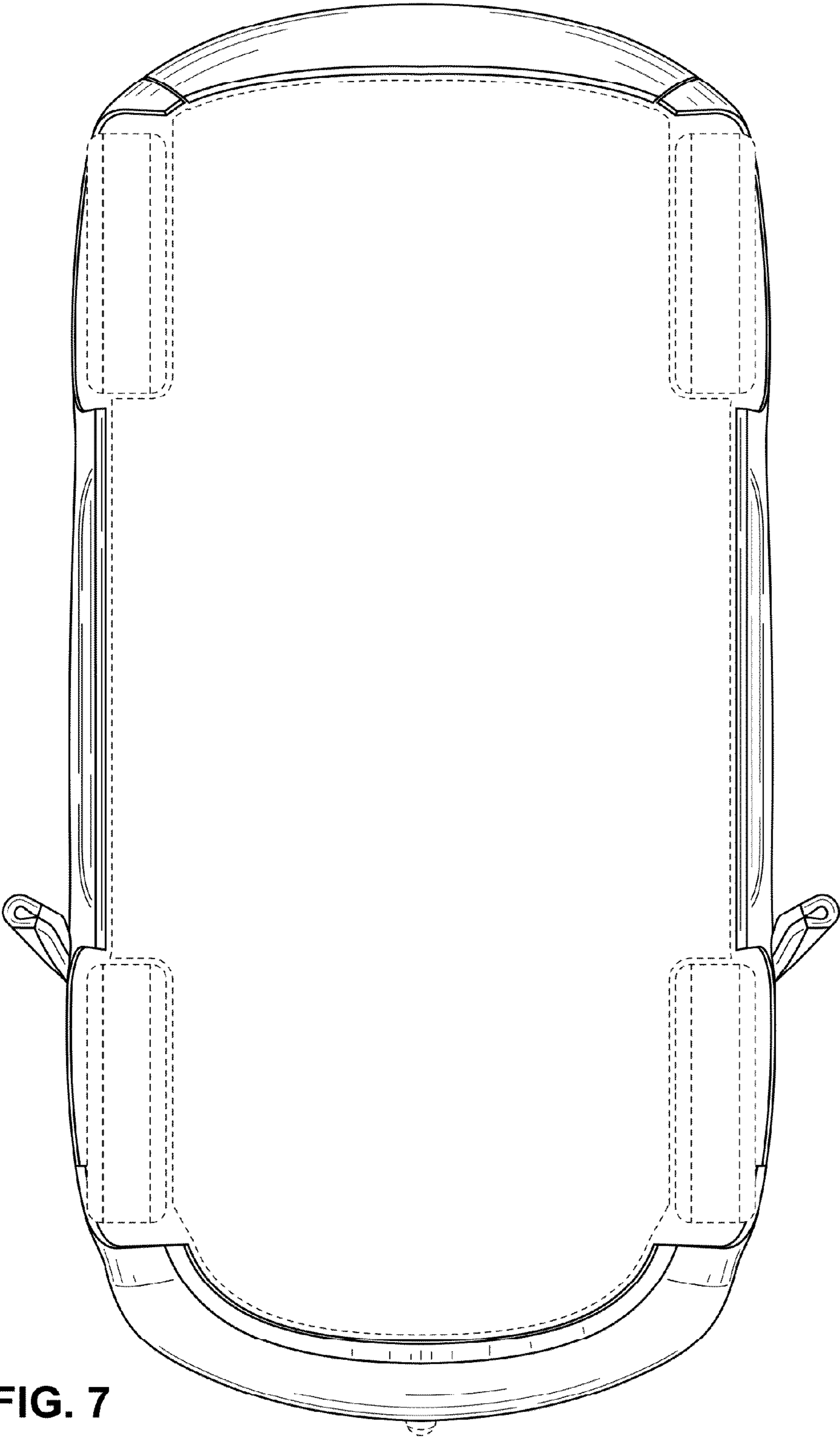


FIG. 7

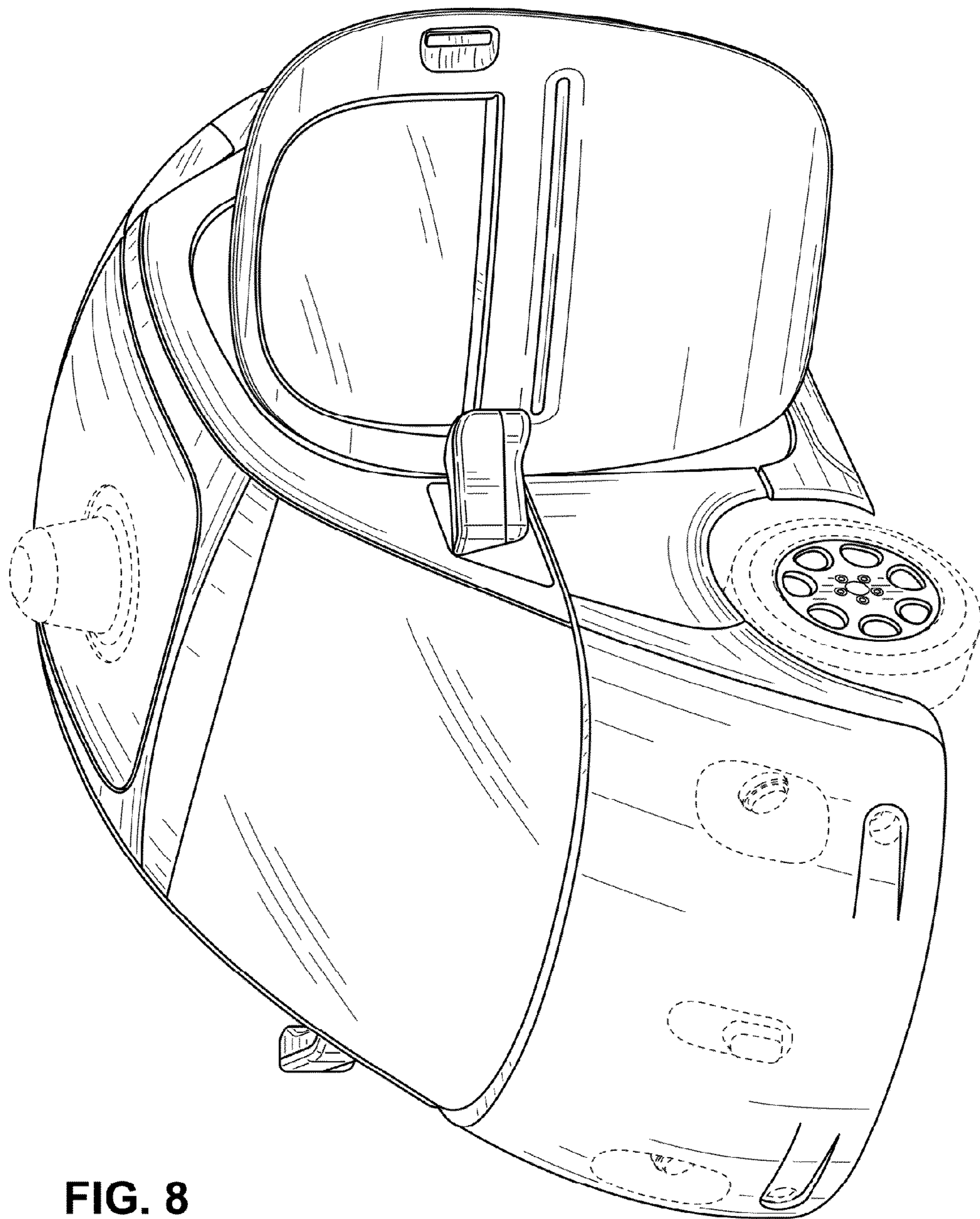


FIG. 8

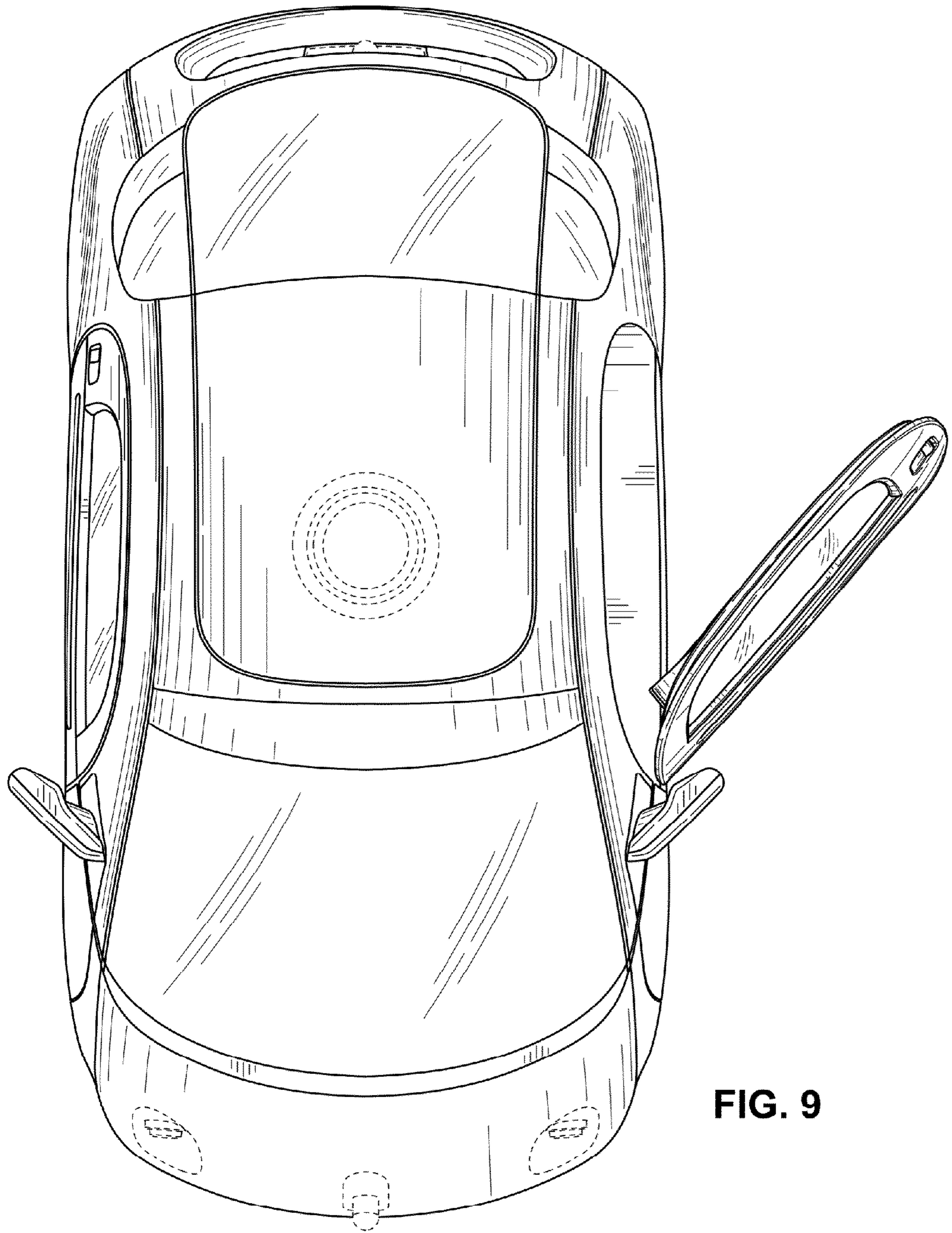


FIG. 9