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(12) **United States Design Patent** (10) **Patent No.:** **US D814,982 S**
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(54) **VEHICLE GRILLE**

(71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)

(72) Inventors: **Guy W. Whitla**, Rochester Hills, MI (US); **Takahiko Suginoshta**, Rochester Hills, MI (US)

(73) Assignee: **GM Global Technology Operations LLC**, Detroit, MI (US)

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

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(52) **U.S. Cl.**
 USPC **D12/163; D12/171**

(58) **Field of Classification Search**
 USPC D12/86, 90, 91, 92, 163, 169, 196, 171, D12/216
 CPC . B60R 19/52; B60R 2019/525; B60K 11/085; B62D 25/084; H01Q 1/32
 See application file for complete search history.

D605,978 S 12/2009 Wolff et al.
 D608,249 S 1/2010 Peters
 D608,690 S 1/2010 Folden et al.
 D608,691 S 1/2010 Zak, Jr. et al.
 D609,608 S 2/2010 Boniface et al.
 D611,387 S 3/2010 Thompson et al.
 D611,879 S 3/2010 Kim et al.
 D612,297 S 3/2010 Peters et al.
 7,677,650 B2* 3/2010 Huttenlocher B60R 13/005 296/193.1

D613,645 S 4/2010 Song et al.
 D615,458 S 5/2010 Thompson et al.
 D618,595 S 6/2010 Ware et al.
 D623,090 S 9/2010 Cox et al.
 D627,262 S 11/2010 Ikeda et al.
 D635,488 S 4/2011 Phipps
 D635,896 S * 4/2011 Frei D12/163
 D644,147 S 8/2011 Suh et al.
 D644,567 S 9/2011 Kozub
 D657,718 S 4/2012 Zipfel et al.
 D659,052 S 5/2012 Ware et al.
 D659,053 S 5/2012 Ware et al.

(Continued)

Primary Examiner — Darlington Ly
 (74) *Attorney, Agent, or Firm* — Reising Ethington P.C.

(57) **CLAIM**

The ornamental design for a vehicle grille, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the vehicle grille;
 FIG. 2 is a front view thereof;
 FIG. 3 is a left side view thereof (where the right side view is substantially a mirror image of the left side view, with the exception of the vehicle emblem depicted in broken lines); and,
 FIG. 4 is a top view thereof.
 In the drawings, the portions shown by broken lines form no part of the claimed design.

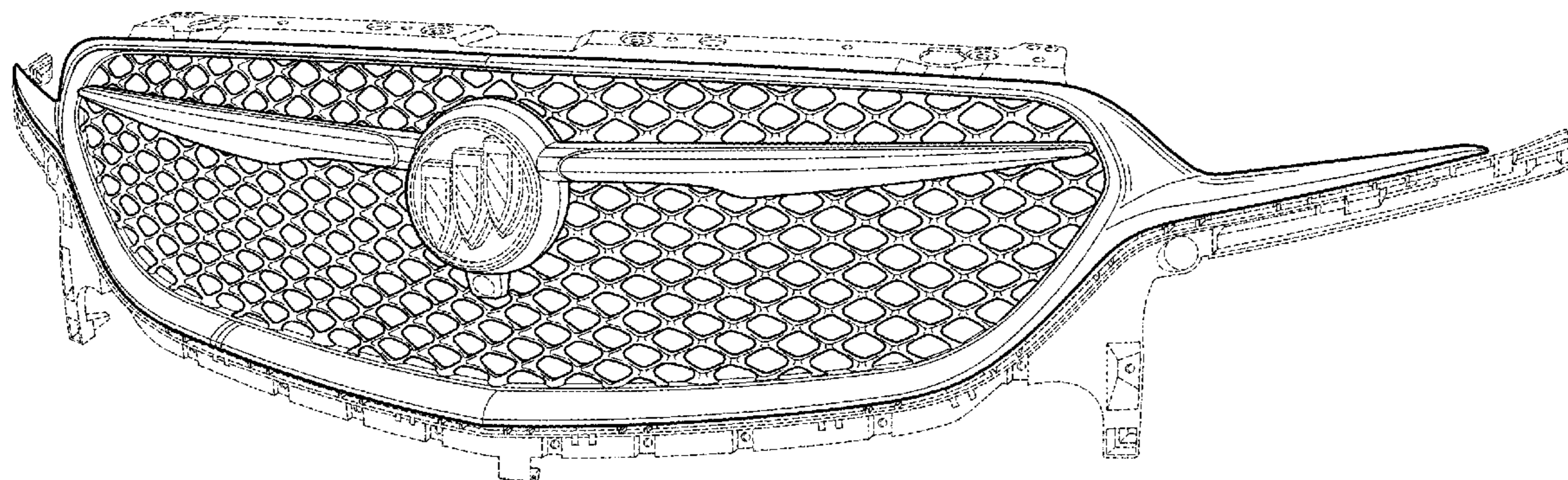
1 Claim, 2 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,487,575 A * 1/1996 Chase B60K 11/08 180/68.6

D570,742 S 6/2008 Takagi et al.
 D592,105 S 5/2009 Dean et al.
 D597,447 S 8/2009 Folden
 D600,595 S 9/2009 Nakamura et al.
 D601,925 S 10/2009 O'Donnell
 D603,755 S 11/2009 Peters
 D604,203 S 11/2009 O'Donnell
 D605,082 S 12/2009 Munson
 D605,083 S 12/2009 Manoogian, II et al.
 D605,977 S 12/2009 Zipfel et al.



(56)

References Cited

U.S. PATENT DOCUMENTS

D668,182 S 10/2012 Franco et al.
 D668,183 S 10/2012 Smart
 D678,820 S 3/2013 Song et al.
 D678,821 S 3/2013 Ikeda et al.
 D680,909 S 4/2013 Munson et al.
 D680,910 S 4/2013 David
 D684,899 S 6/2013 Baker
 D686,536 S 7/2013 McCabe et al.
 D689,414 S * 9/2013 Endo D12/163
 D692,798 S 11/2013 Thurber
 D692,799 S 11/2013 Smith et al.
 D696,157 S * 12/2013 Loeb D12/91
 D699,629 S 2/2014 Ikeda et al.
 D700,871 S 3/2014 O'Donnell et al.
 D703,103 S 4/2014 Lee
 D704,103 S 5/2014 Mack et al.
 D705,132 S 5/2014 Ware et al.
 D705,699 S 5/2014 Ware et al.
 D713,298 S 9/2014 Dyson
 D713,764 S 9/2014 Ferlazzo et al.
 D716,696 S 11/2014 Thole et al.
 D716,706 S 11/2014 Thole et al.
 D716,709 S 11/2014 Thole et al.
 D717,696 S 11/2014 Thole et al.
 D718,189 S 11/2014 Krieg et al.
 D718,683 S 12/2014 Thole et al.
 D721,299 S * 1/2015 Fetherston D12/92
 D722,282 S 2/2015 Loeb
 D722,533 S 2/2015 Thole et al.
 D722,534 S 2/2015 Munson et al.
 D724,510 S 3/2015 McMahan et al.
 D725,001 S 3/2015 McMahan et al.
 D726,591 S 4/2015 Jacob
 D730,776 S 6/2015 Smart
 D730,783 S 6/2015 Henriques et al.
 D732,427 S 6/2015 Loeb
 D732,429 S 6/2015 Loeb
 D732,430 S 6/2015 Loeb
 D732,431 S 6/2015 Loeb
 D732,432 S 6/2015 Aengenheyster
 D732,433 S 6/2015 Aengenheyster
 D732,435 S 6/2015 Mackay
 D733,002 S 6/2015 Loeb
 D735,611 S 8/2015 Aengenheyster
 D735,627 S 8/2015 Smith
 D736,451 S 8/2015 Smith
 D739,306 S 9/2015 McMahan et al.
 D739,317 S 9/2015 McMahan et al.
 D741,223 S 10/2015 Kim et al.
 D743,309 S 11/2015 Thole et al.
 D743,313 S 11/2015 Smith et al.
 D743,314 S 11/2015 Thole et al.
 D743,857 S 11/2015 McMahan et al.
 D744,158 S 11/2015 Willett et al.
 D745,086 S 12/2015 Finos et al.
 D745,719 S 12/2015 Boniface et al.
 D745,725 S 12/2015 McMahan et al.
 D745,726 S 12/2015 McMahan et al.
 D745,837 S 12/2015 Smith et al.

D746,726 S 1/2016 Smith et al.
 D746,727 S 1/2016 Smith et al.
 D746,728 S 1/2016 Smith et al.
 D746,729 S 1/2016 Boniface et al.
 D746,730 S 1/2016 Kim et al.
 D747,514 S 1/2016 McMahan et al.
 D747,515 S 1/2016 McMahan et al.
 D747,819 S 1/2016 Thole et al.
 D748,539 S * 2/2016 Futschik D12/163
 D749,021 S 2/2016 Boniface et al.
 D749,026 S 2/2016 Smith et al.
 D749,027 S 2/2016 McMahan et al.
 D749,246 S 2/2016 Thole et al.
 D749,249 S 2/2016 Thole et al.
 D749,250 S 2/2016 Thole et al.
 D749,985 S 2/2016 Kozub et al.
 D749,997 S 2/2016 McMahan et al.
 D750,001 S 2/2016 Thole et al.
 D751,470 S * 3/2016 Buck D12/163
 D753,032 S 4/2016 Smith et al.
 D753,033 S 4/2016 Thole et al.
 D753,034 S 4/2016 Thole et al.
 D753,035 S 4/2016 Boniface et al.
 D753,559 S 4/2016 McMahan et al.
 D753,560 S 4/2016 McMahan et al.
 D753,567 S 4/2016 Boniface et al.
 D754,571 S 4/2016 Boniface et al.
 D754,572 S 4/2016 McMahan et al.
 D754,573 S * 4/2016 Wu D12/163
 D755,088 S 5/2016 McMahan et al.
 D756,854 S * 5/2016 Horiuchi D12/163
 D756,869 S 5/2016 McMahan et al.
 D758,271 S 6/2016 McMahan et al.
 D761,159 S * 7/2016 Lesnik D12/92
 D767,449 S 9/2016 Pevovar et al.
 D767,450 S 9/2016 Lee et al.
 D767,451 S 9/2016 Kozub et al.
 D767,454 S 9/2016 McMahan et al.
 D767,458 S 9/2016 Kim
 D767,459 S 9/2016 Kim
 D767,460 S 9/2016 Kozub et al.
 D767,461 S 9/2016 Kozub et al.
 D771,528 S 11/2016 Smith et al.
 D771,529 S 11/2016 Thole et al.
 D771,532 S 11/2016 Kapitonov
 D771,533 S 11/2016 Kapitonov
 D773,347 S * 12/2016 Whang D12/163
 D774,998 S * 12/2016 Munakata D12/163
 D775,554 S * 1/2017 Kapitonov D12/163
 D777,065 S * 1/2017 Patel D12/163
 D789,842 S * 6/2017 Hellwig D12/163
 D792,813 S * 7/2017 Kozub D12/163
 D795,758 S * 8/2017 Karras D12/163
 D795,760 S * 8/2017 Kozub D12/163
 D796,390 S * 9/2017 Pevovar D12/163
 D799,386 S * 10/2017 Kozub D12/163
 2011/0005851 A1 * 1/2011 Doroghazi B60K 11/085
 180/68.1
 2013/0107046 A1 * 5/2013 Forgue B60R 19/52
 348/148

* cited by examiner

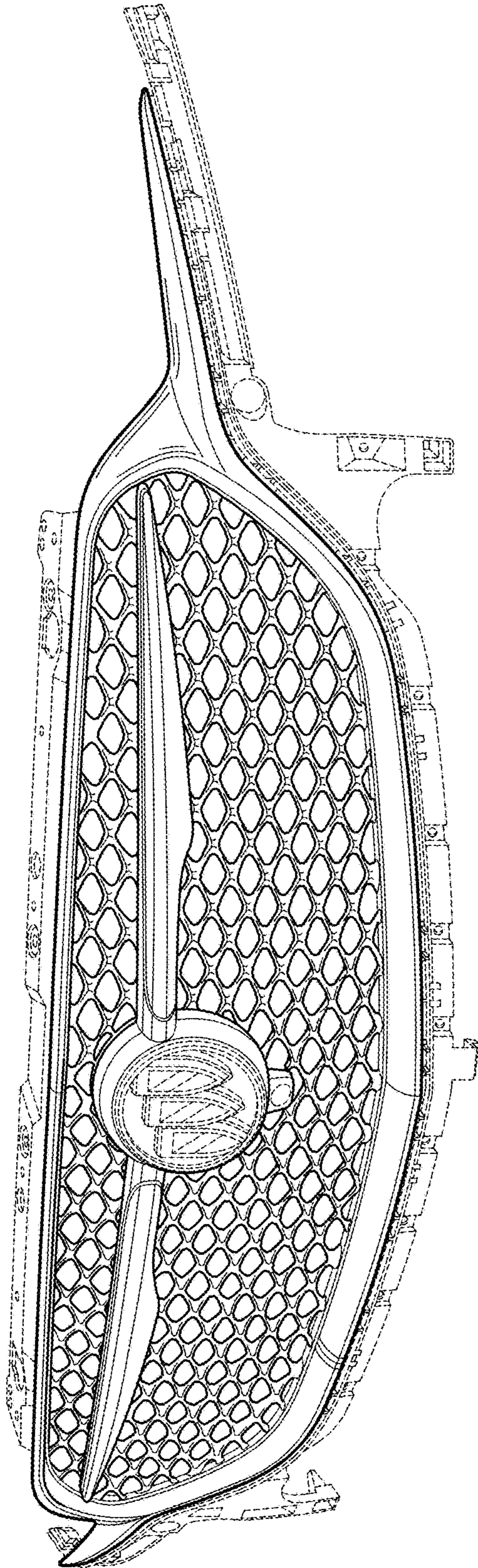


FIG. 1

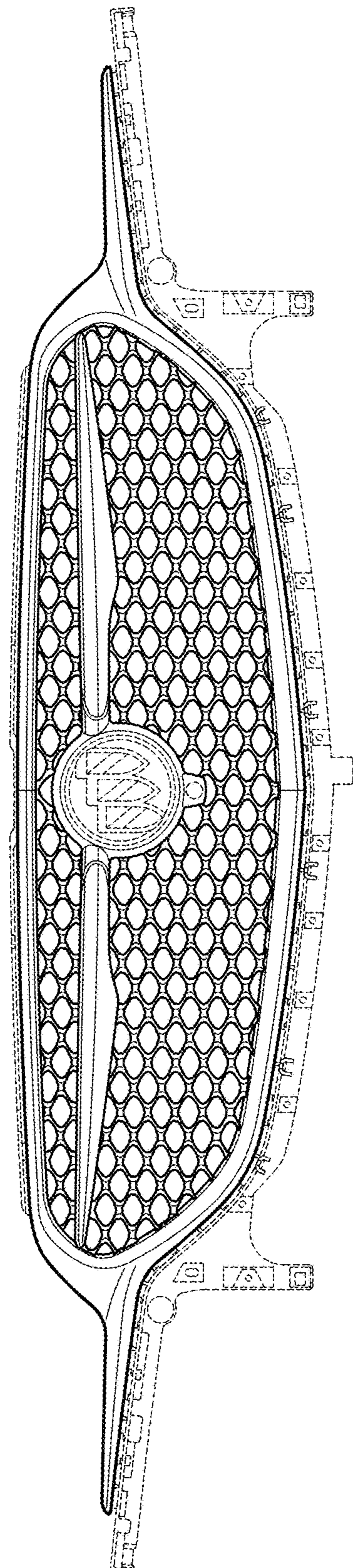


FIG. 2

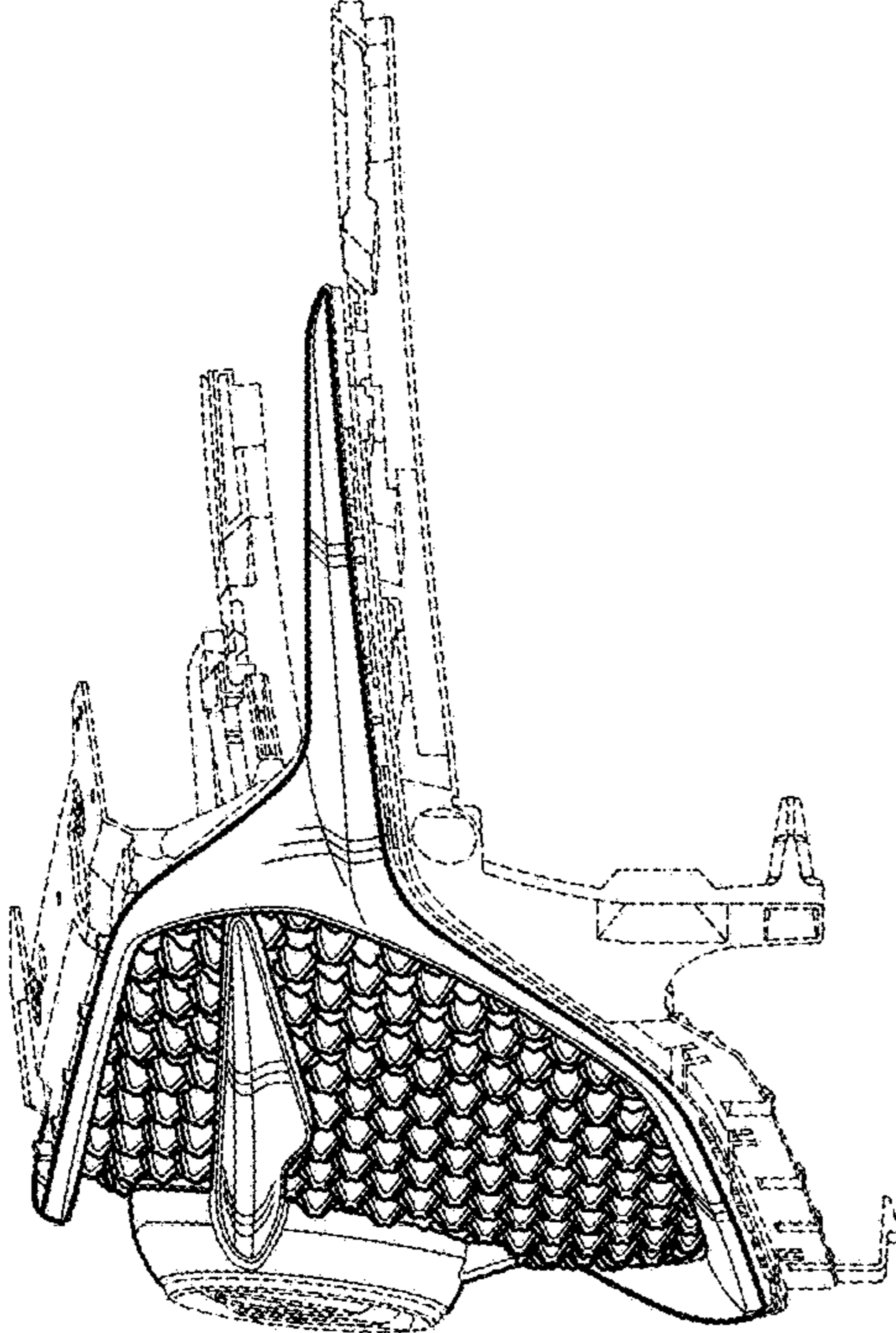


FIG. 3

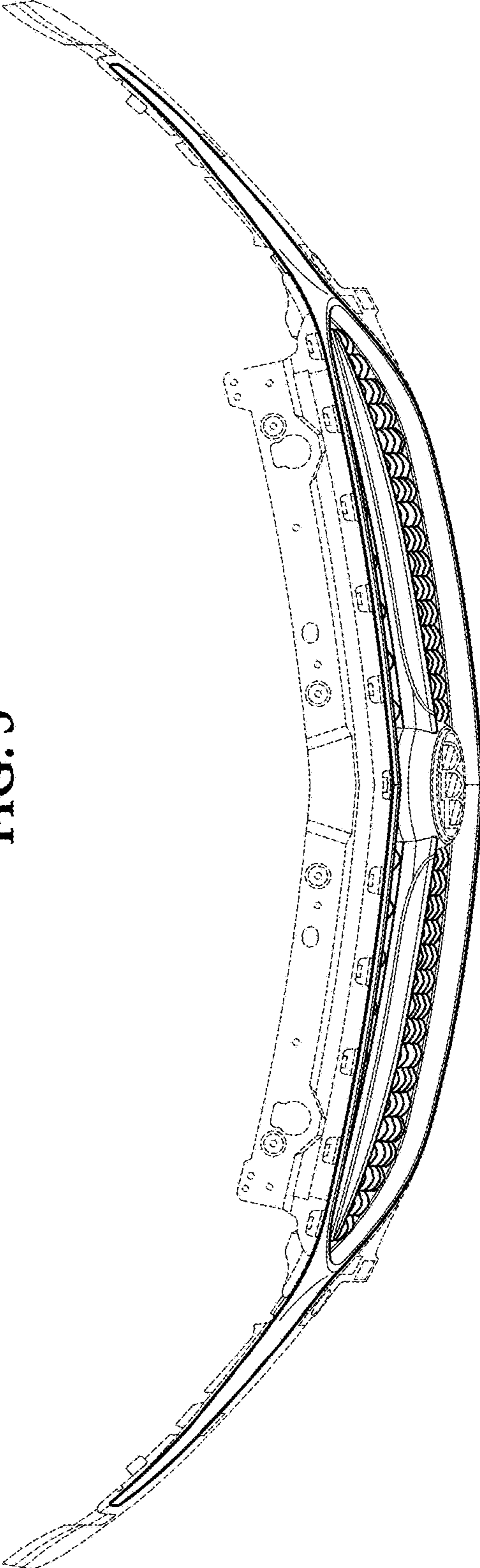


FIG. 4