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Koo et al.

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- (54) **VEHICLE GRILLE**
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- (52) **U.S. Cl.**
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- (58) **Field of Classification Search**
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D12/216; D15/31
CPC . B60R 19/52; B60R 2019/525; B60K 11/085;
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See application file for complete search history.

- D605,083 S 12/2009 Manoogian, II et al.
- D605,977 S 12/2009 Zipfel et al.
- 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.
- D608,697 S * 1/2010 Takabatake D12/163
- D609,608 S 2/2010 Boniface et al.
- D610,053 S * 2/2010 Sakae D12/163
- D611,387 S 3/2010 Thompson et al.
- D611,879 S 3/2010 Kim et al.
- D612,297 S 3/2010 Peters et al.
- 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
- 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.

(Continued)

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(57) **CLAIM**

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

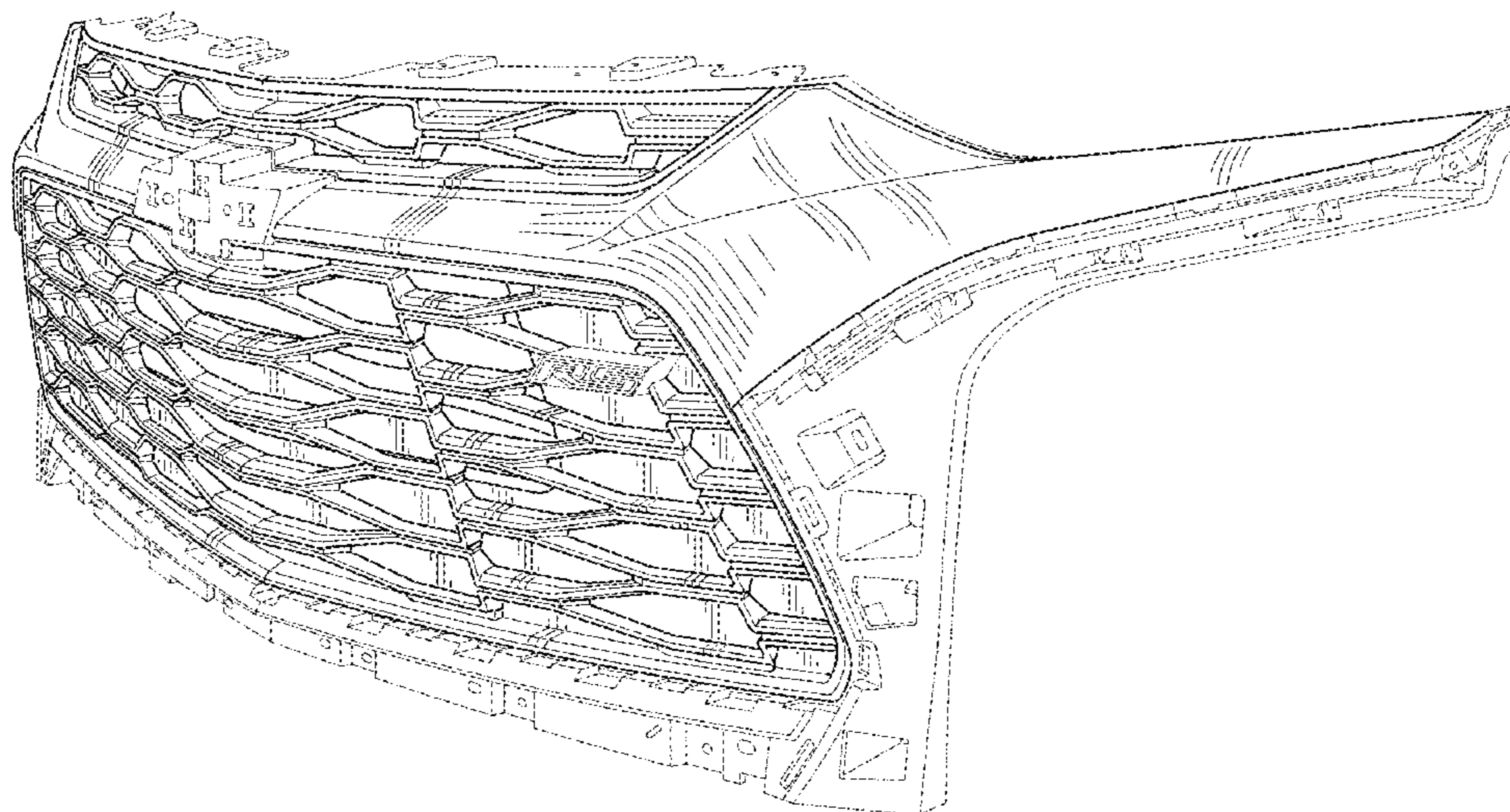
DESCRIPTION

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 the indicia "RS" depicted in broken lines); and,
FIG. 4 is a top view thereof.
The broken lines in the drawings illustrate portions of the vehicle grille that form no part of the claimed design.

1 Claim, 4 Drawing Sheets

(56) **References Cited**
U.S. PATENT DOCUMENTS

- D559,742 S * 1/2008 Thomas D12/163
- D570,742 S 6/2008 Takagi et al.
- D580,309 S * 11/2008 Walter D12/163
- D592,105 S 5/2009 Dean et al.
- D594,890 S * 6/2009 Jamieson D12/163
- 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



(56)

References Cited

U.S. PATENT DOCUMENTS

D659,053 S 5/2012 Ware et al.
 D668,182 S 10/2012 Barba Franco et al.
 D668,183 S 10/2012 Smart
 D678,820 S 3/2013 Son 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.
 D692,798 S 11/2013 Thurber
 D692,799 S 11/2013 Smith et al.
 D696,157 S 12/2013 Loeb
 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.
 D716,197 S * 10/2014 Terui D12/163
 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.
 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.
 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.
 D752,484 S * 3/2016 Davidson 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.
 D755,088 S * 5/2016 McMahan D12/163
 D756,869 S 5/2016 McMahan et al.
 D758,271 S 6/2016 McMahan et al.
 D764,975 S 8/2016 Aengenheyster
 D764,976 S 8/2016 Aengenheyster
 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
 D772,766 S 11/2016 Kozub et al.
 D772,767 S 11/2016 Kim
 D773,084 S 11/2016 Kapitonov
 D773,086 S 11/2016 McCabe et al.
 D774,226 S 12/2016 McCabe et al.
 D775,003 S 12/2016 Pevovar et al.
 D775,007 S 12/2016 Thole et al.
 D775,010 S 12/2016 Kim et al.
 D775,049 S 12/2016 Scheer et al.
 D775,549 S 1/2017 Karras
 D775,554 S 1/2017 Kapitonov
 D776,020 S 1/2017 Kapitonov
 D776,581 S 1/2017 Pevovar et al.
 D776,583 S 1/2017 Scheer et al.
 D776,841 S 1/2017 Kozub et al.
 D776,843 S 1/2017 McCabe et al.
 D776,846 S 1/2017 Willett et al.
 D777,359 S 1/2017 Kozub et al.
 D777,360 S 1/2017 Kozub et al.
 D777,361 S 1/2017 Kozub et al.
 D777,604 S 1/2017 Mc Nerney
 D777,605 S 1/2017 Ferlazzo et al.
 D777,620 S 1/2017 Pevovar et al.
 D777,621 S 1/2017 Kim
 D777,622 S 1/2017 Kozub et al.
 D777,628 S 1/2017 Kozub et al.
 D777,955 S 1/2017 Willett et al.
 D778,212 S 2/2017 Kozub et al.
 D778,215 S 2/2017 Kozub et al.
 D780,064 S 2/2017 Smith et al.
 D780,067 S 2/2017 Zipfel et al.
 D780,068 S 2/2017 Whitla et al.
 D780,077 S 2/2017 Kim et al.
 D780,081 S 2/2017 Lee
 D780,084 S 2/2017 Scheer et al.
 D780,631 S 3/2017 Kozub et al.
 D780,644 S 3/2017 Kim et al.
 D781,184 S 3/2017 Thole et al.
 D781,192 S 3/2017 Kozub et al.
 D782,379 S 3/2017 Wassell
 D783,482 S 4/2017 Smith et al.
 D784,213 S 4/2017 Karras
 D784,223 S 4/2017 Lee
 D784,226 S 4/2017 Cheng
 D784,579 S 4/2017 Cheng et al.
 D784,877 S 4/2017 Lee
 D784,886 S 4/2017 Smith et al.
 D785,521 S 5/2017 Smith et al.
 D786,149 S 5/2017 Pevovar et al.
 D786,743 S 5/2017 Smith et al.
 D786,750 S 5/2017 Lee

(56)

References Cited

U.S. PATENT DOCUMENTS

D787,984	S	5/2017	Fang	
D787,988	S	5/2017	Lee	
D787,989	S	5/2017	Kozub et al.	
D787,990	S	5/2017	Kozub et al.	
D787,992	S	5/2017	Lee	
D787,993	S	5/2017	McCabe et al.	
D788,001	S	5/2017	Lee	
D807,240	S *	1/2018	Perkins	D12/163
D807,241	S *	1/2018	Perkins	D12/163
D811,954	S *	3/2018	Park	D12/163
D812,525	S *	3/2018	Lee	D12/163
D814,983	S *	4/2018	Whitla	D12/163
D817,233	S *	5/2018	Bucher	D12/163
D819,505	S *	6/2018	McMahan	D12/163
D821,933	S *	7/2018	Ishii	D12/163
2010/0148525	A1 *	6/2010	Abdelnour	B60R 19/52 293/115
2014/0291056	A1 *	10/2014	Takanaga	B60K 11/085 180/274

* cited by examiner

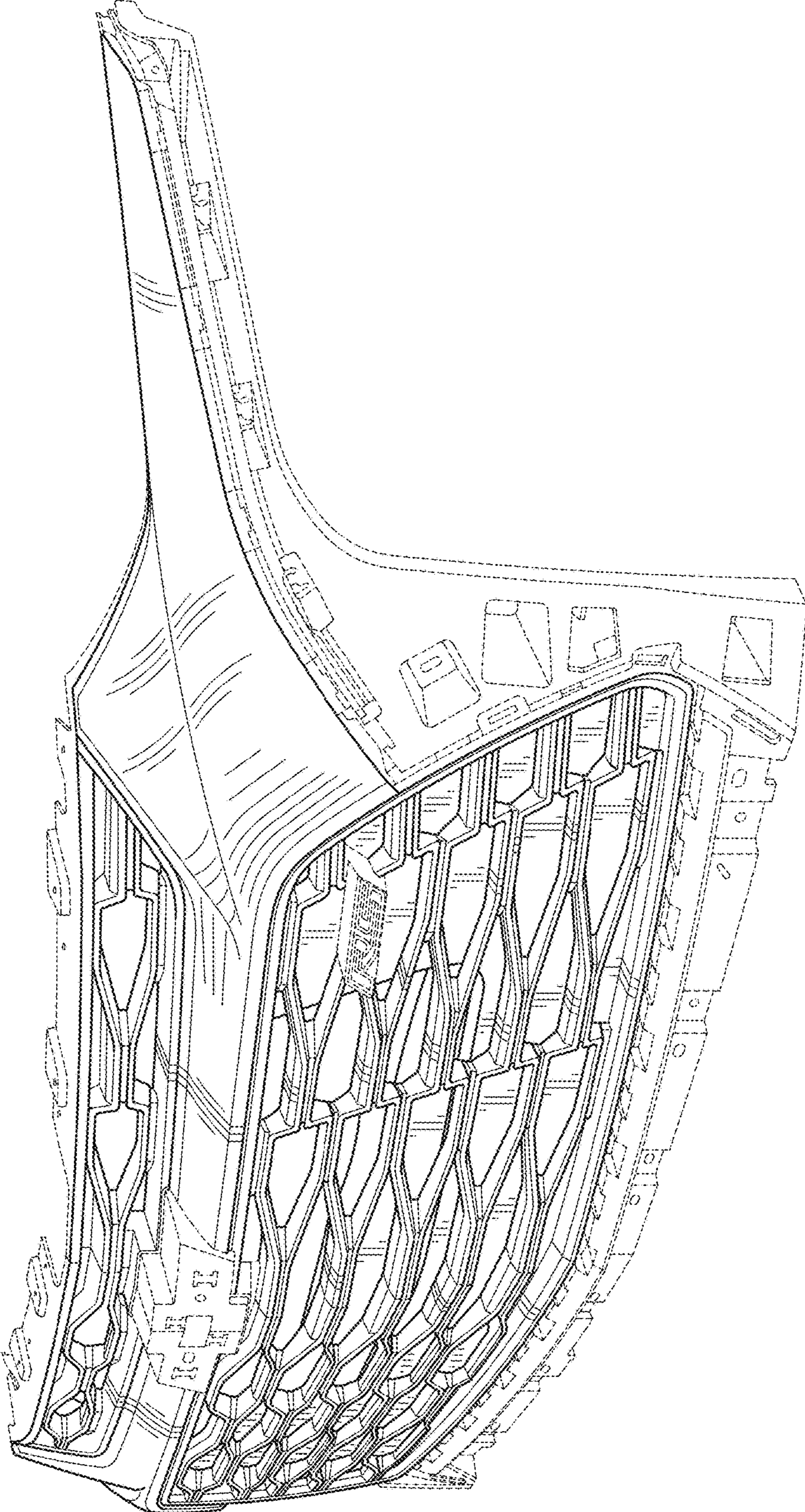


FIG. 1

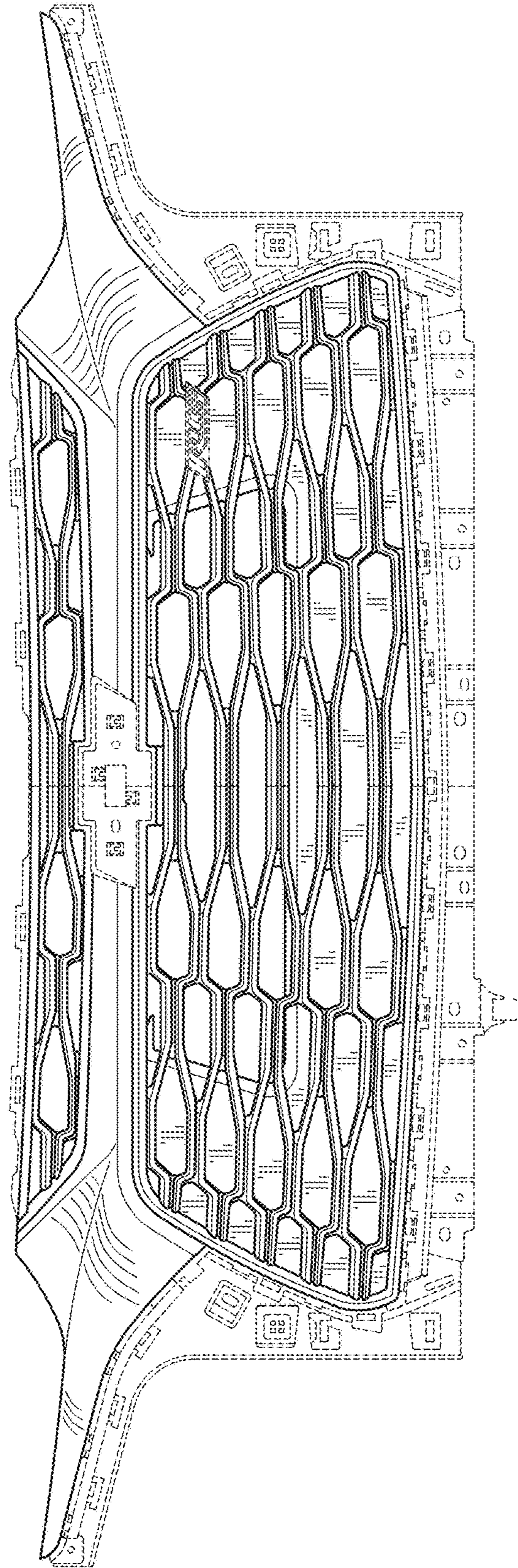


FIG. 2

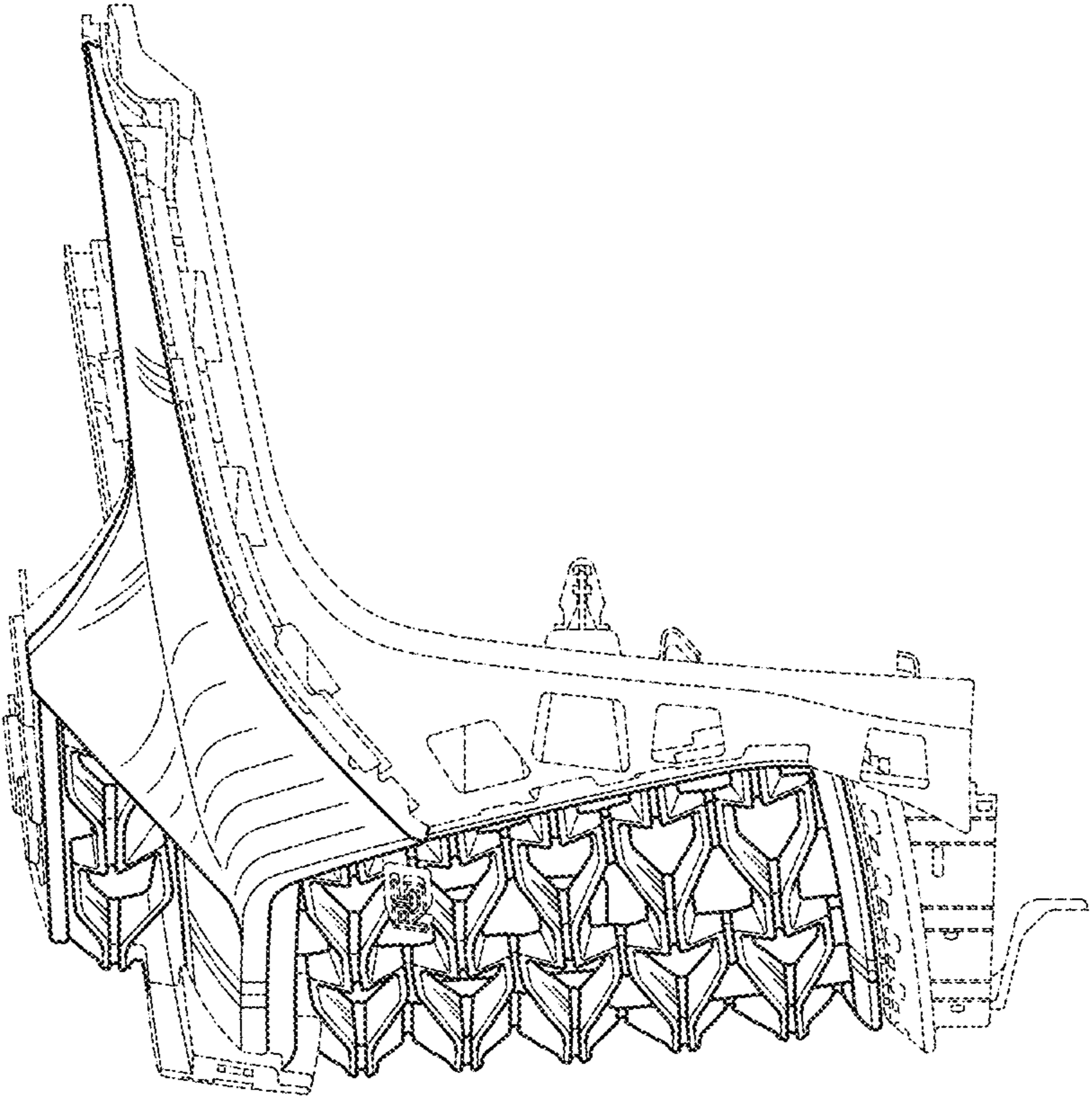


FIG. 3

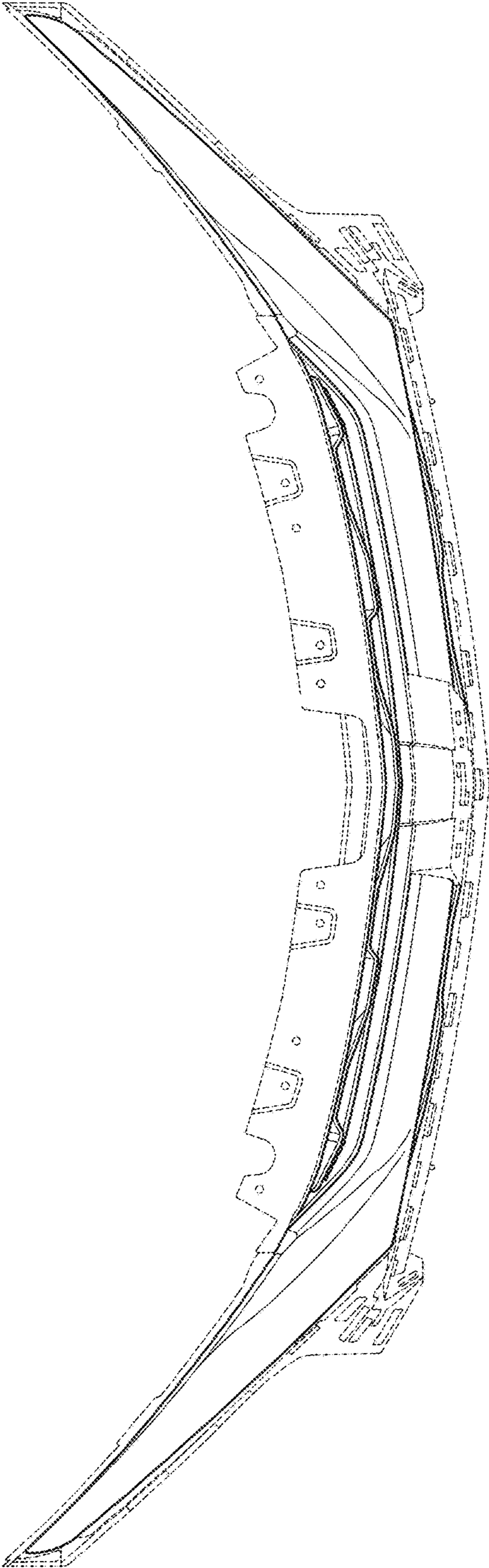


FIG. 4