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(12) **United States Design Patent** (10) **Patent No.:** **US D835,012 S**
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(54) **VEHICLE GRILLE**
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CPC B62D 25/08; B62B 9/16; B60K 11/08; B60R 19/52
See application file for complete search history.

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.
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.
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
D642,964 S * 8/2011 Miyazawa D12/163
D644,147 S 8/2011 Suh et al.

(Continued)

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(57) **CLAIM**

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

DESCRIPTION

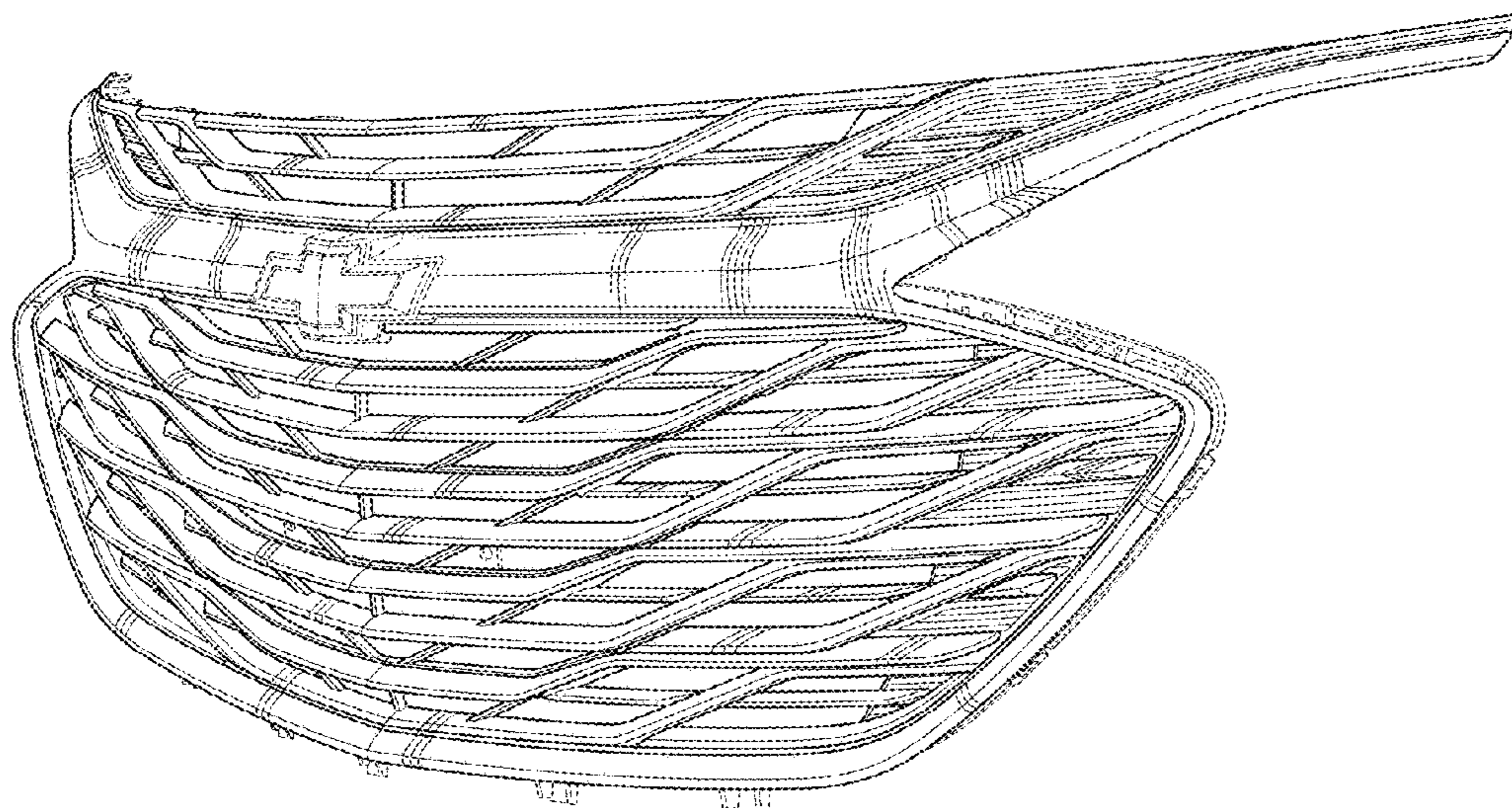
FIG. 1 is a perspective view of the vehicle grille;
FIG. 2 is a front view of the vehicle grille;
FIG. 3 is a left side view of the vehicle grille, where the right side view is substantially a mirror image of the left side view with the exception of the vehicle emblem depicted in broken lines;
FIG. 4 is a top view of the vehicle grille; and,
FIG. 5 is a bottom view of the vehicle grille.
The broken lines in the drawings depict 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

6,328,358 B1 * 12/2001 Berweiler B60R 19/52 180/68.6
7,059,031 B1 * 6/2006 Elwell B60R 13/00 180/68.6
D570,742 S 6/2008 Takagi et al.
D584,196 S * 1/2009 Ebel D12/163
D589,853 S * 4/2009 Saridakis D12/163
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



(56)

References Cited

U.S. PATENT DOCUMENTS

D644,567 S	9/2011	Kozub	
D647,011 S	* 10/2011	Verhee	D12/169
D657,718 S	4/2012	Zipfel et al.	
D659,052 S	5/2012	Ware et al.	
D659,053 S	5/2012	Ware et al.	
D668,182 S	10/2012	Barba Franco et al.	
D668,183 S	10/2012	Smart	
D668,590 S	* 10/2012	Furst	D12/163
D678,820 S	3/2013	Son et al.	
D678,821 S	3/2013	Ikeda et al.	
D679,225 S	* 4/2013	Gifford	D12/163
D680,909 S	4/2013	Munson et al.	
D680,910 S	4/2013	David	
D680,918 S	* 4/2013	Yamada	D12/163
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.	
D701,151 S	* 3/2014	Cartabiano	D12/169
D703,103 S	4/2014	Lee	
D703,108 S	* 4/2014	Futschik	D12/163
D704,103 S	5/2014	Mack et al.	
D705,132 S	5/2014	Ware et al.	
D705,699 S	* 5/2014	Ware	D12/91
D711,794 S	* 8/2014	Okamura	D12/169
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.	
D721,019 S	* 1/2015	Pevovar	D12/163
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	D12/91
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.	
D748,543 S	* 2/2016	Nissl	D12/169
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.	
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.	
D763,152 S	* 8/2016	Frascella	D12/190
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.	
9,469,187 B1	* 10/2016	Ho	B60K 11/08
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	D12/163
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	D12/163
D776,020 S	* 1/2017	Kapitonov	D12/163
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	McNerney	
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	D12/163
D781,184 S	3/2017	Thole et al.	

(56)

References Cited

U.S. PATENT DOCUMENTS

D781,192 S 3/2017 Kozub et al.
 D782,379 S 3/2017 Wassell
 D782,943 S * 4/2017 Kavaja D12/163
 D782,944 S * 4/2017 Pevovar D12/163
 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.
 D786,145 S * 5/2017 Kozub D12/163
 D786,149 S 5/2017 Pevovar et al.
 D787,993 S * 5/2017 McCabe D12/173
 2004/0190985 A1 * 9/2004 Aigner B60R 19/52
 403/329

2005/0006913 A1 * 1/2005 Otte B60R 19/52
 293/115
 2006/0157992 A1 * 7/2006 Sakamoto B60R 19/52
 293/115
 2007/0182174 A1 * 8/2007 Nakayama B60R 19/52
 293/115
 2008/0079271 A1 * 4/2008 Maruko B60R 19/52
 293/102
 2010/0148525 A1 * 6/2010 Abdelnour B60R 19/52
 293/115
 2011/0181062 A1 * 7/2011 Bernt B60K 11/085
 293/102
 2012/0090906 A1 * 4/2012 Charnesky B60K 11/085
 180/68.1
 2014/0291056 A1 * 10/2014 Takanaga B60K 11/085
 180/274
 2016/0325790 A1 * 11/2016 Murray B62D 25/02

* cited by examiner

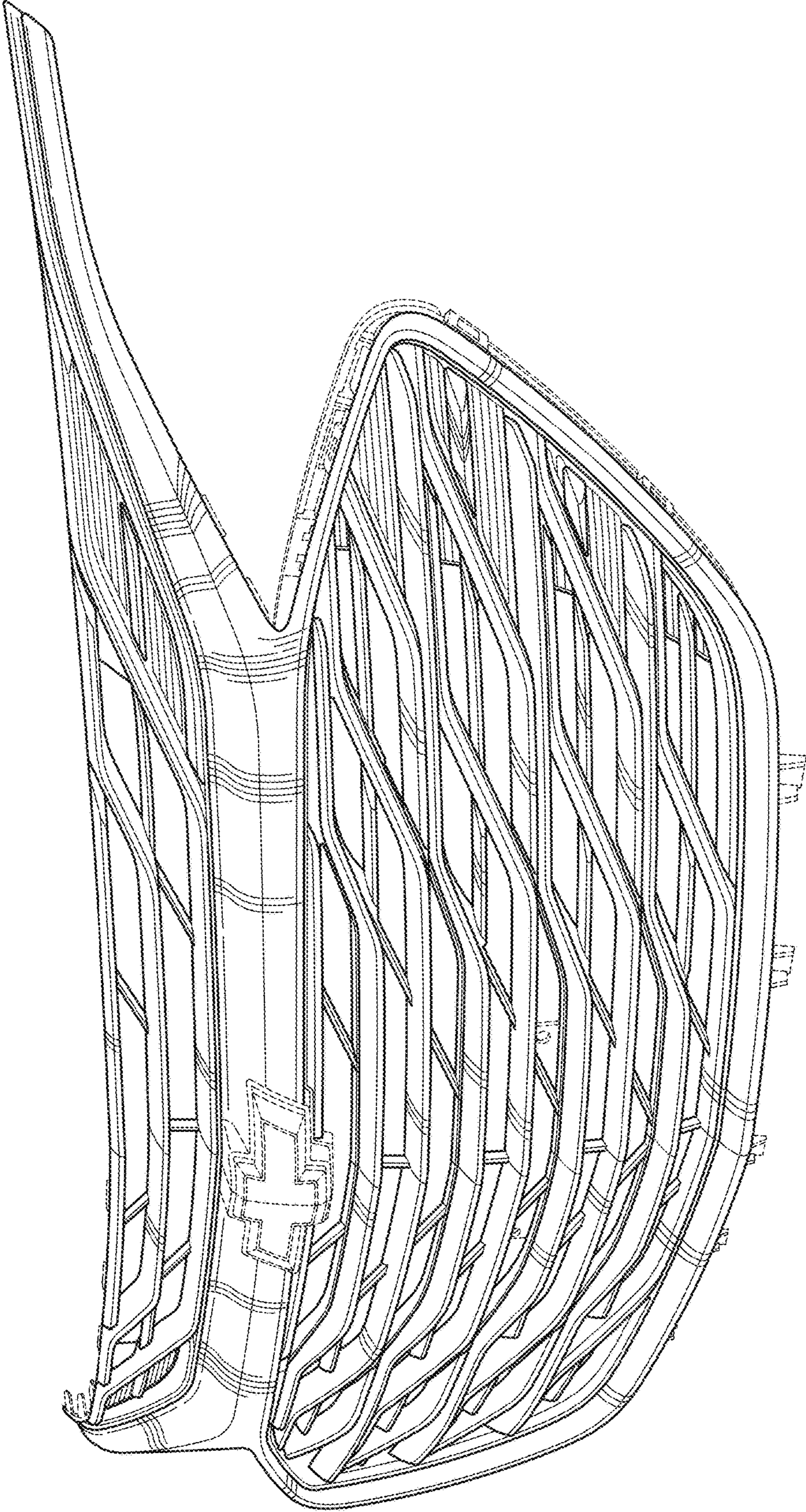


FIG. 1

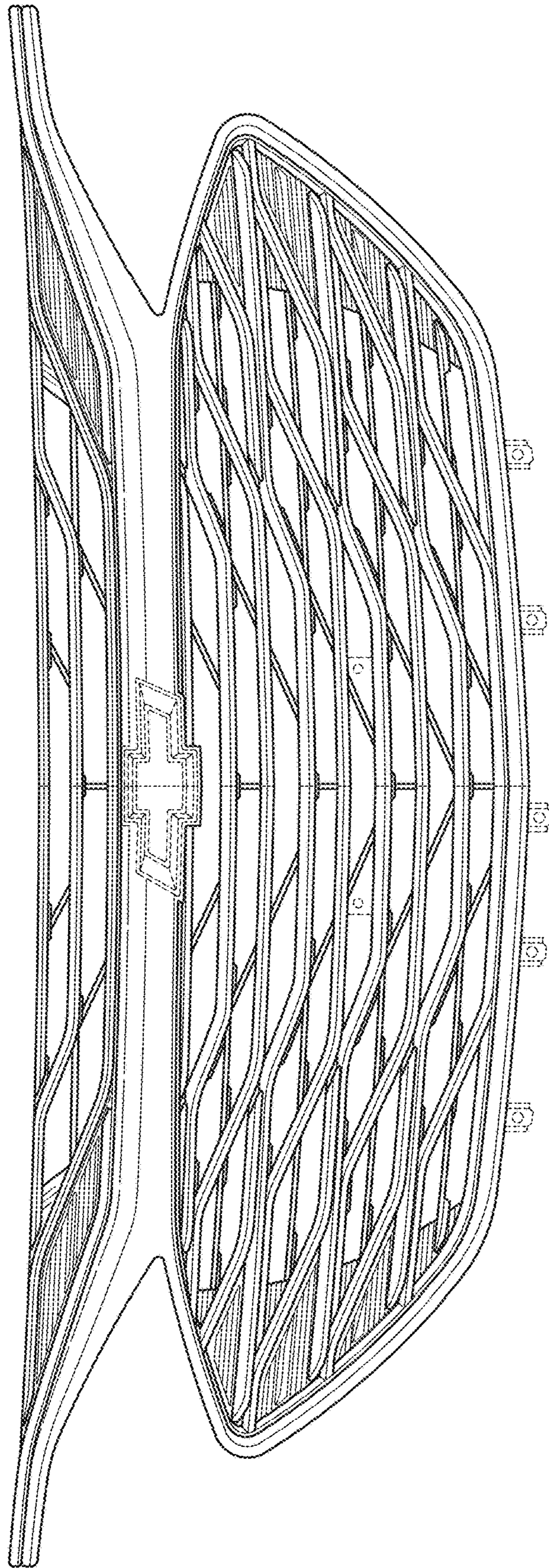


FIG. 2

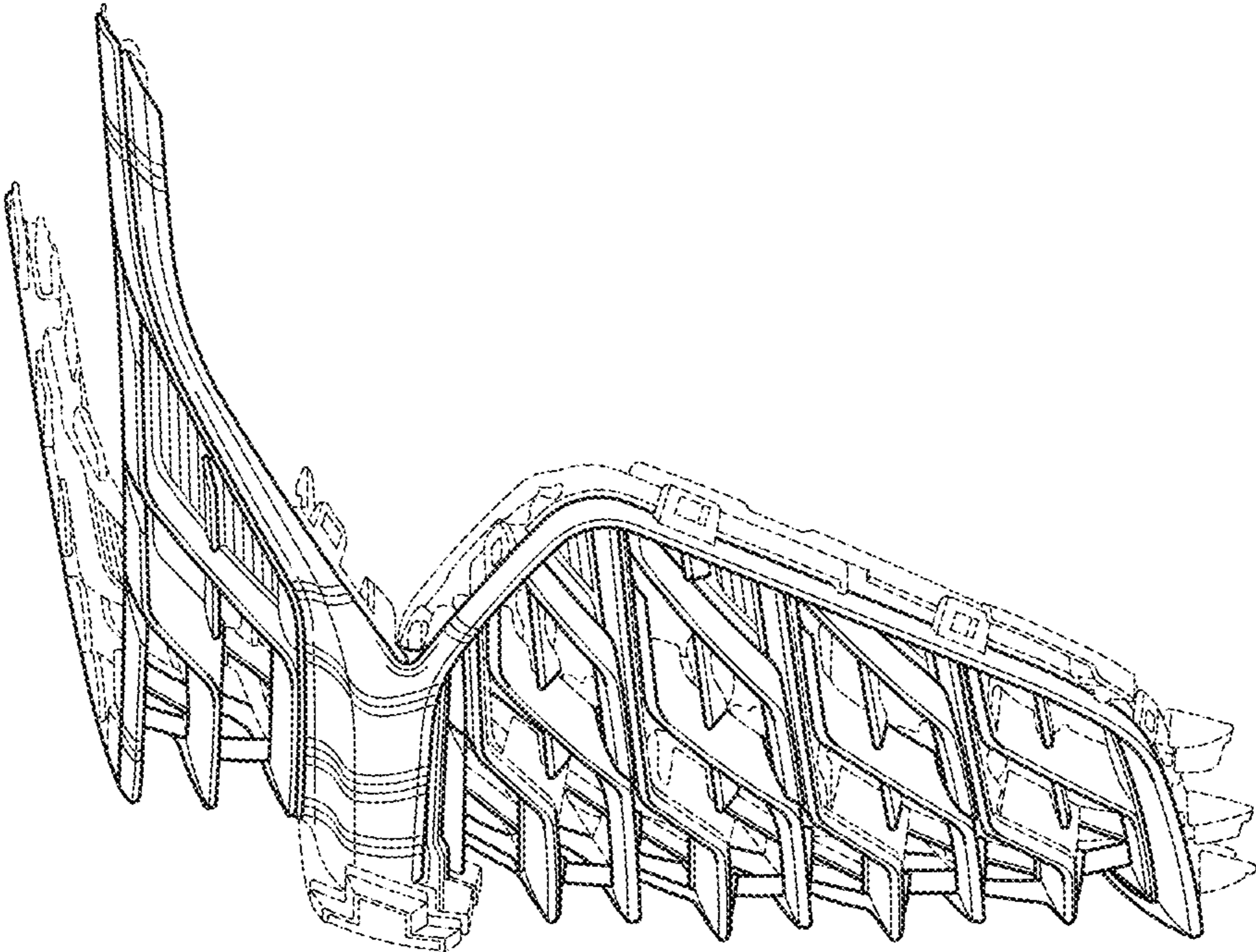


FIG. 3

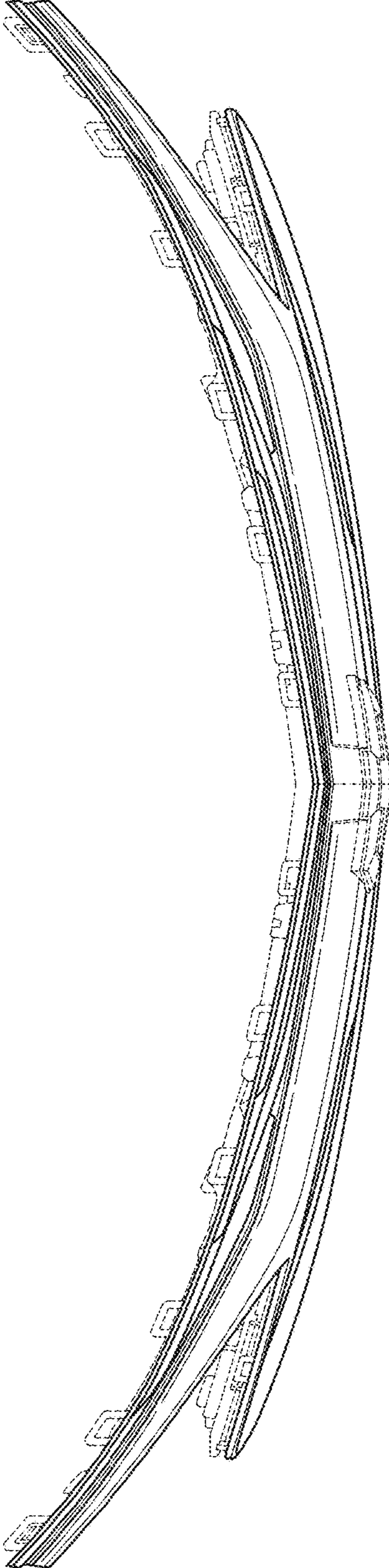


FIG. 4

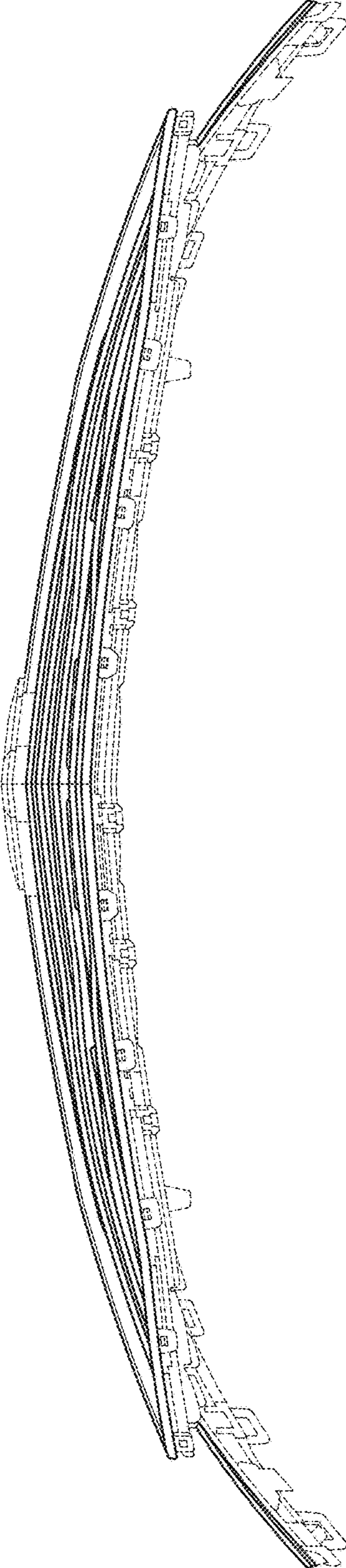


FIG. 5