



US00D827506S

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

(10) **Patent No.:** **US D827,506 S**
(45) **Date of Patent:** **** Sep. 4, 2018**

- (54) **VEHICLE GRILLE**
- (71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)
- (72) Inventors: **Robert B. McMahan**, Bloomfield Hills, MI (US); **Gary W. Ruiz**, Royal Oak, MI (US); **Tyler L. H. Moffett**, Detroit, MI (US)
- (73) Assignee: **GM Global Technology Operations LLC**, Detroit, MI (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/581,015**
- (22) Filed: **Oct. 14, 2016**
- (51) **LOC (11) Cl.** **12-16**
- (52) **U.S. Cl.**
USPC **D12/163**
- (58) **Field of Classification Search**
USPC D12/90-92, 163, 164, 169, 196;
296/181.1-181.5; D21/548, 560
CPC B60Y 2306/01; B60K 11/085
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D447,451 S	*	9/2001	Im	D12/163
D514,480 S	*	2/2006	Yamaji	D12/163
D570,742 S		6/2008	Takagi et al.		
D592,105 S		5/2009	Dean et al.		
D592,560 S	*	5/2009	Bauer	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		
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.		
D626,464 S	*	11/2010	Yanase	D12/163
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.		
D659,053 S		5/2012	Ware et al.		
D668,182 S		10/2012	Barba Franco et al.		
D668,183 S		10/2012	Smart		

(Continued)

Primary Examiner — Garth Rademaker
Assistant Examiner — Melvin L Davis
(74) *Attorney, Agent, or Firm* — Reising Ethington P.C.

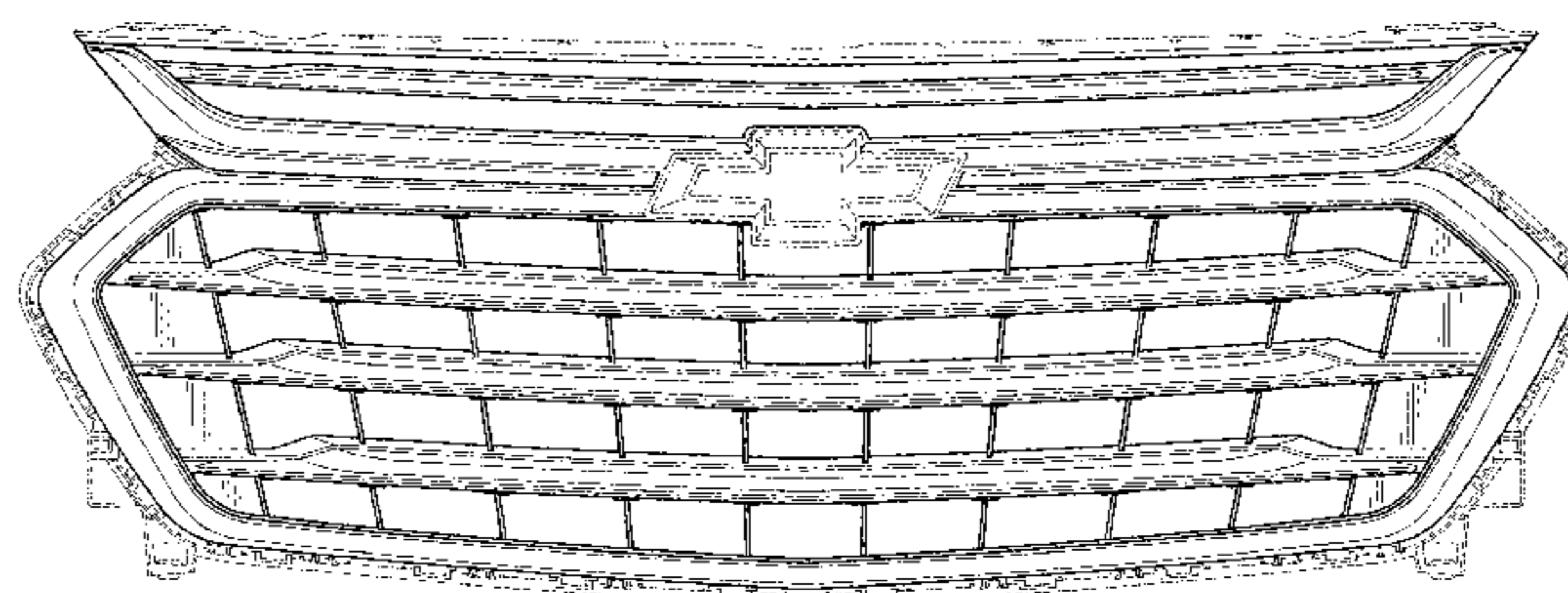
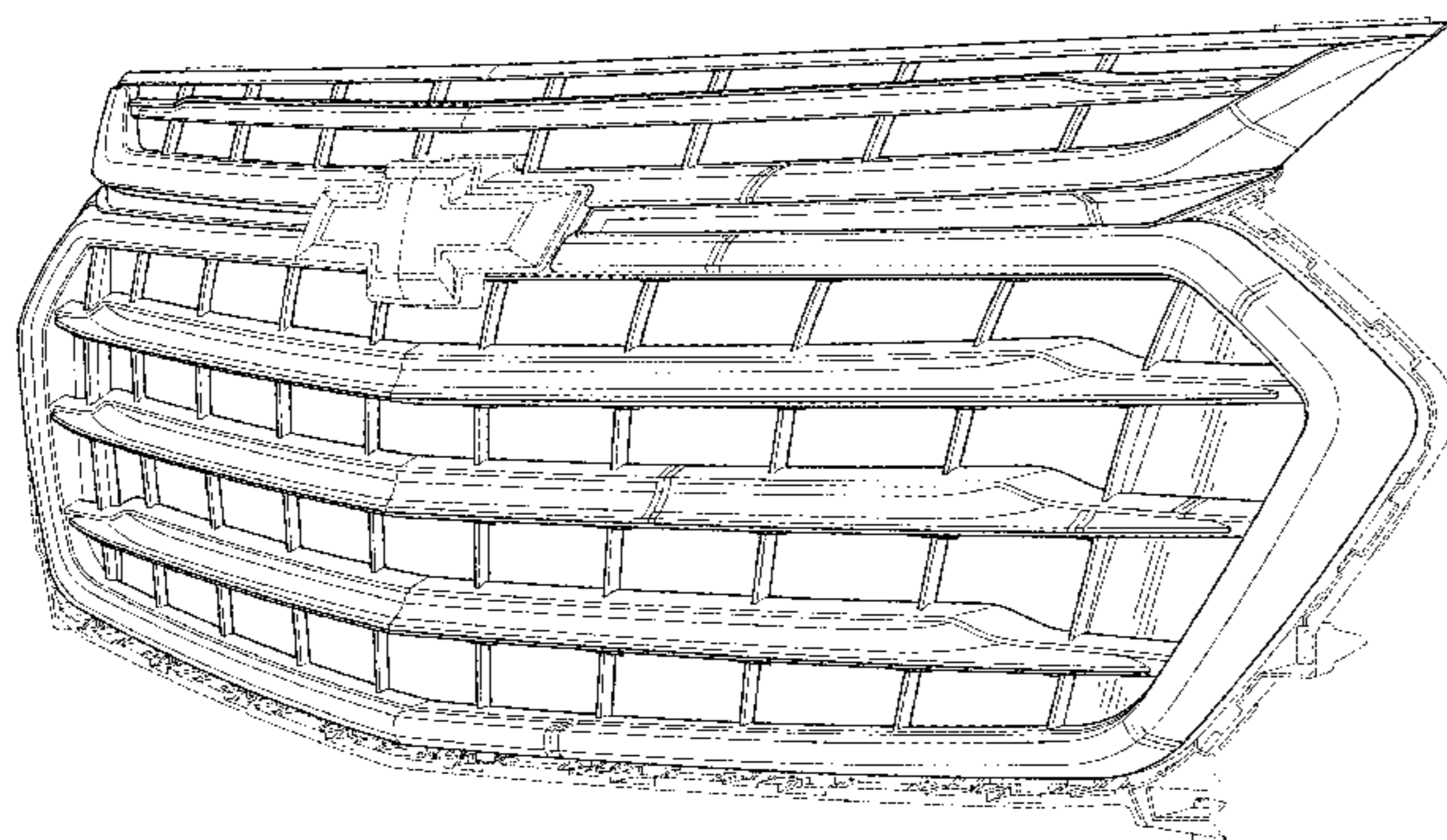
(57) **CLAIM**

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, the right side being a mirror image thereof; and,
FIG. 4 is a top view thereof.
In the drawings, the broken lines illustrate portions of the vehicle grille that form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D678,820 S	3/2013	Son et al.	D744,158 S	11/2015	Willett et al.	
D678,821 S	3/2013	Ikeda et al.	D745,086 S	12/2015	Finos et al.	
D680,909 S	4/2013	Munson et al.	D745,719 S	12/2015	Boniface et al.	
D680,910 S	4/2013	David	D745,725 S	12/2015	McMahan et al.	
D684,899 S	6/2013	Baker	D745,726 S	12/2015	McMahan et al.	
D686,536 S	7/2013	McCabe et al.	D745,837 S	12/2015	Smith et al.	
D692,798 S	11/2013	Thurber	D746,726 S	1/2016	Smith et al.	
D692,799 S	11/2013	Smith et al.	D746,727 S	1/2016	Smith et al.	
D696,157 S	12/2013	Loeb	D746,728 S	1/2016	Smith et al.	
D699,629 S	2/2014	Ikeda et al.	D746,729 S	1/2016	Boniface et al.	
D700,871 S	3/2014	O'Donnell et al.	D746,730 S	1/2016	Kim et al.	
D703,103 S	4/2014	Lee	D747,514 S	1/2016	McMahan et al.	
D704,103 S	5/2014	Mack et al.	D747,515 S	1/2016	McMahan et al.	
D705,132 S	5/2014	Ware et al.	D747,819 S	1/2016	Thole et al.	
D705,699 S	5/2014	Ware et al.	D749,021 S	2/2016	Boniface et al.	
D713,298 S	9/2014	Dyson	D749,026 S	2/2016	Smith et al.	
D713,764 S	9/2014	Ferlazzo et al.	D749,027 S	2/2016	McMahan et al.	
D716,696 S	11/2014	Thole et al.	D749,246 S	2/2016	Thole et al.	
D716,706 S	11/2014	Thole et al.	D749,249 S	2/2016	Thole et al.	
D716,709 S	11/2014	Thole et al.	D749,250 S	2/2016	Thole et al.	
D717,696 S	11/2014	Thole et al.	D749,985 S	2/2016	Kozub et al.	
D718,189 S	11/2014	Krieg et al.	D749,997 S	2/2016	McMahan et al.	
D718,683 S	12/2014	Thole et al.	D750,001 S	2/2016	Thole et al.	
D722,282 S	2/2015	Loeb	D753,032 S	4/2016	Smith et al.	
D722,533 S	2/2015	Thole et al.	D753,033 S	4/2016	Thole et al.	
D722,534 S	2/2015	Munson et al.	D753,034 S	4/2016	Thole et al.	
D724,510 S	3/2015	McMahan et al.	D753,035 S	4/2016	Boniface et al.	
D725,001 S	3/2015	McMahan et al.	D753,559 S	4/2016	McMahan et al.	
D726,591 S	4/2015	Jacob	D753,560 S	4/2016	McMahan et al.	
D730,776 S	6/2015	Smart	D753,567 S	4/2016	Boniface et al.	
D730,783 S	6/2015	Henriques et al.	D754,571 S	4/2016	Boniface et al.	
D732,427 S	6/2015	Loeb	D754,572 S	4/2016	McMahan et al.	
D732,429 S	6/2015	Loeb	D755,088 S	5/2016	McMahan et al.	
D732,430 S	6/2015	Loeb	D756,869 S	5/2016	McMahan et al.	
D732,431 S	6/2015	Loeb	D758,271 S	6/2016	McMahan et al.	
D732,432 S	6/2015	Aengenheyster	D767,449 S	9/2016	Pevovar et al.	
D732,433 S	6/2015	Aengenheyster	D767,450 S	9/2016	Lee et al.	
D732,435 S	6/2015	Mackay	D767,451 S	9/2016	Kozub et al.	
D733,002 S	6/2015	Loeb	D767,454 S	9/2016	McMahan et al.	
D735,611 S	8/2015	Aengenheyster	D767,458 S	9/2016	Kim	
D735,627 S	8/2015	Smith	D767,459 S	9/2016	Kim	
D736,451 S	8/2015	Smith	D767,460 S	9/2016	Kozub et al.	
D739,306 S	9/2015	McMahan et al.	D767,461 S	9/2016	Kozub et al.	
D739,317 S	9/2015	McMahan et al.	D771,528 S	* 11/2016	Smith	D12/163
D741,223 S	10/2015	Kim et al.	D775,554 S	* 1/2017	Kapitonov	D12/163
D743,309 S	11/2015	Thole et al.	D792,813 S	* 7/2017	Kozub	D12/163
D743,313 S	11/2015	Smith et al.	D795,758 S	* 8/2017	Karras	D12/163
D743,314 S	11/2015	Thole et al.	D795,760 S	* 8/2017	Kozub	D12/163
D743,857 S	11/2015	McMahan et al.	D799,386 S	* 10/2017	Kozub	D12/163
			D807,240 S	* 1/2018	Perkins	D12/163
			D807,241 S	* 1/2018	Perkins	D12/163

* cited by examiner

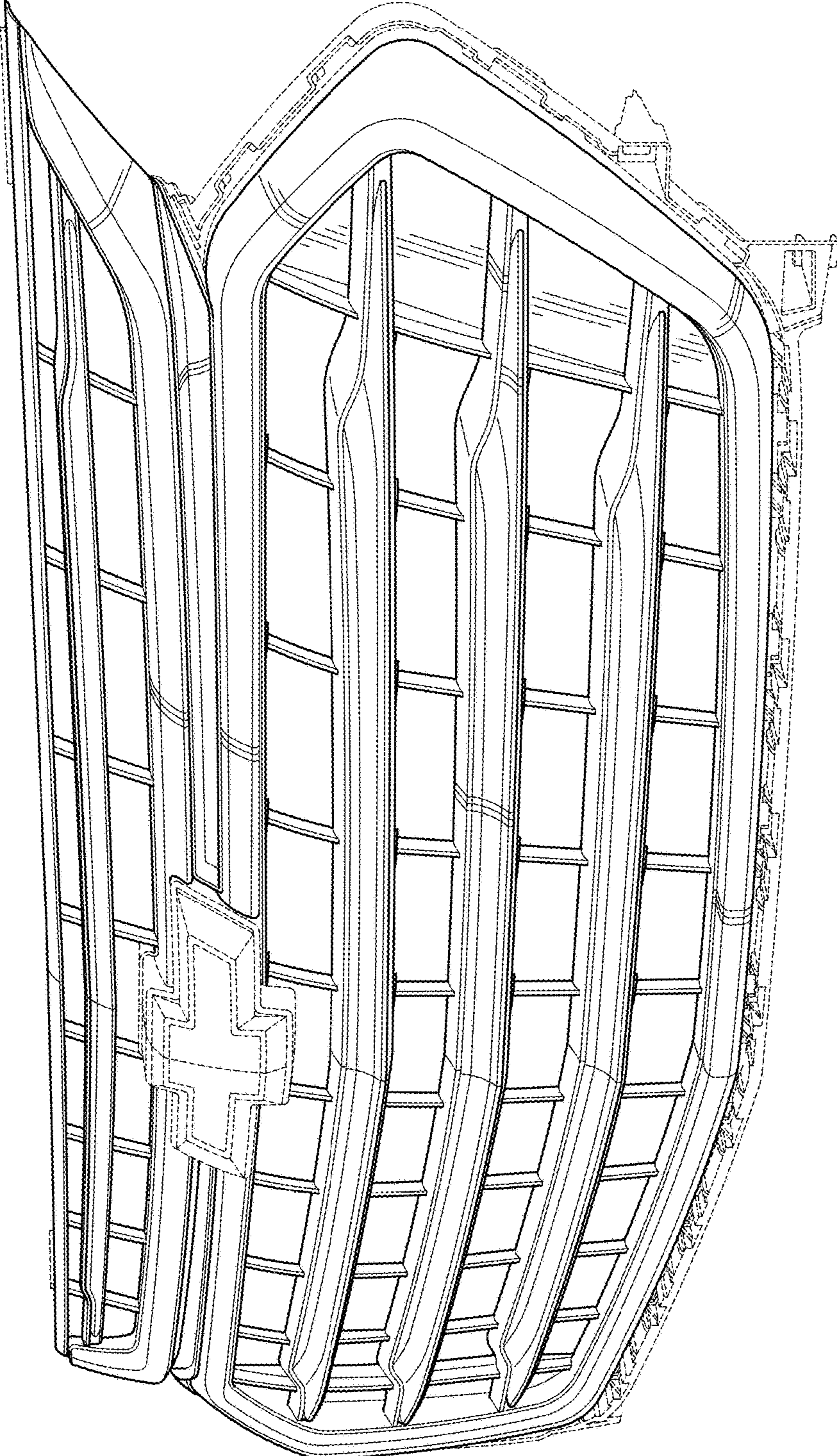


FIG. 1

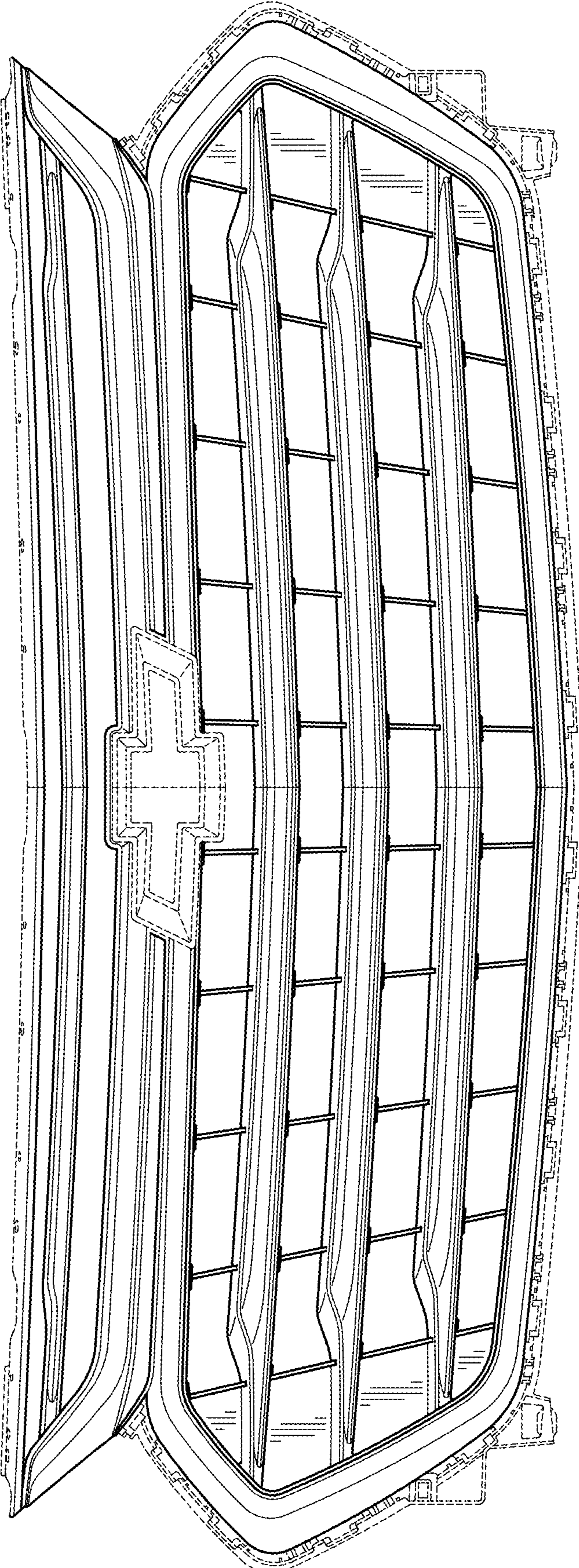


FIG. 2

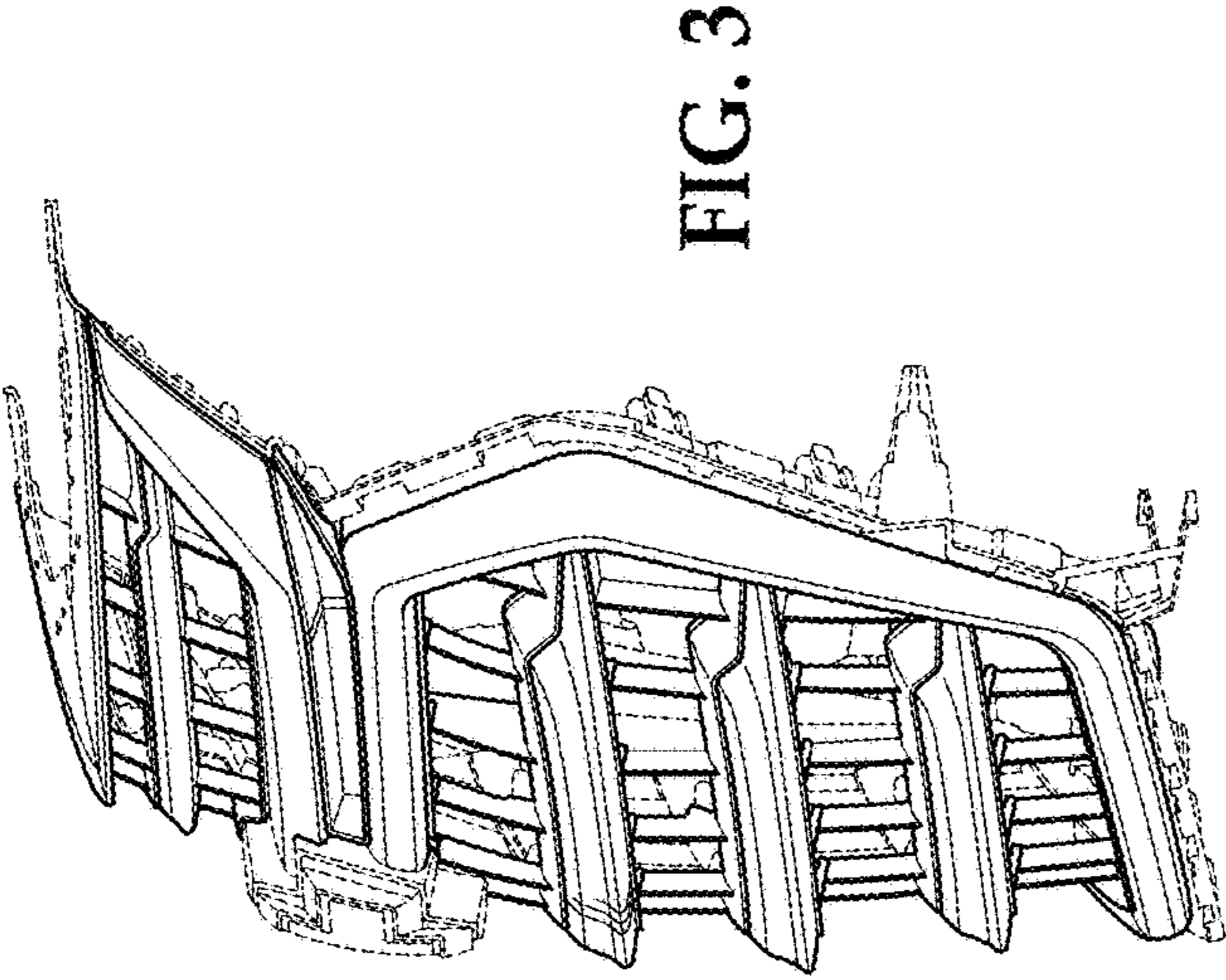


FIG. 3

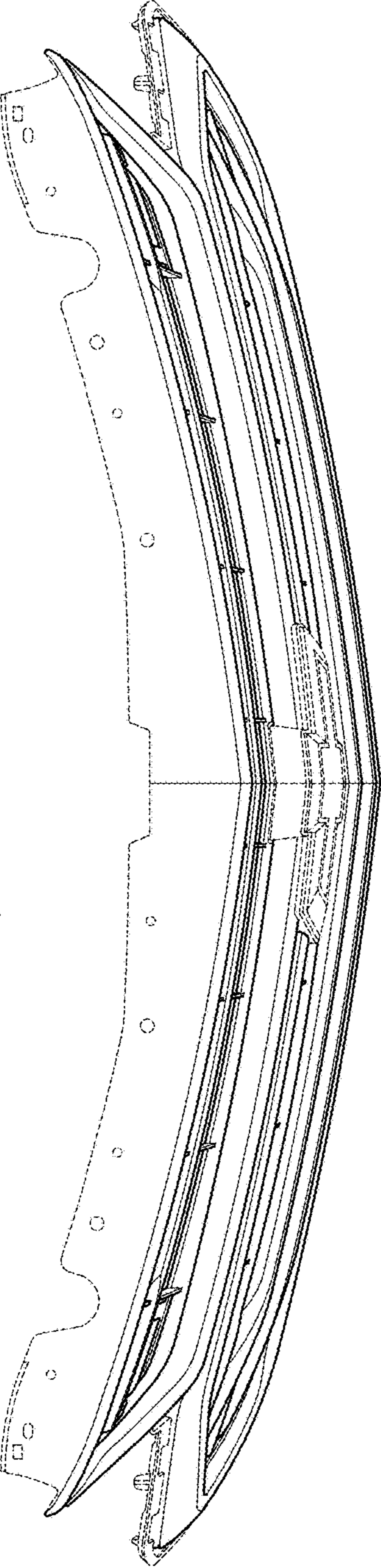


FIG. 4