



US00D845184S

(12) **United States Design Patent**
Zipfel

(10) **Patent No.:** **US D845,184 S**

(45) **Date of Patent:** **** Apr. 9, 2019**

- (54) **VEHICLE GRILLE**
- (71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)
- (72) Inventor: **Carl J. Zipfel**, Oxford, MI (US)
- (73) Assignee: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/608,825**
- (22) Filed: **Jun. 26, 2017**
- (51) **LOC (11) Cl.** **12-16**
- (52) **U.S. Cl.**
USPC **D12/163**
- (58) **Field of Classification Search**
USPC D12/86, 88, 90-92, 163, 169, 173, 196
CPC B62B 9/16; B60K 11/08; B60R 19/52
See application file for complete search history.

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	D12/98
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	
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.	

(Continued)

Primary Examiner — Robin V Webster
Assistant Examiner — Rachel A Voorhies

(56) **References Cited**

U.S. PATENT DOCUMENTS

D411,493 S *	6/1999	Davis, Jr.	D12/163
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.	
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.	

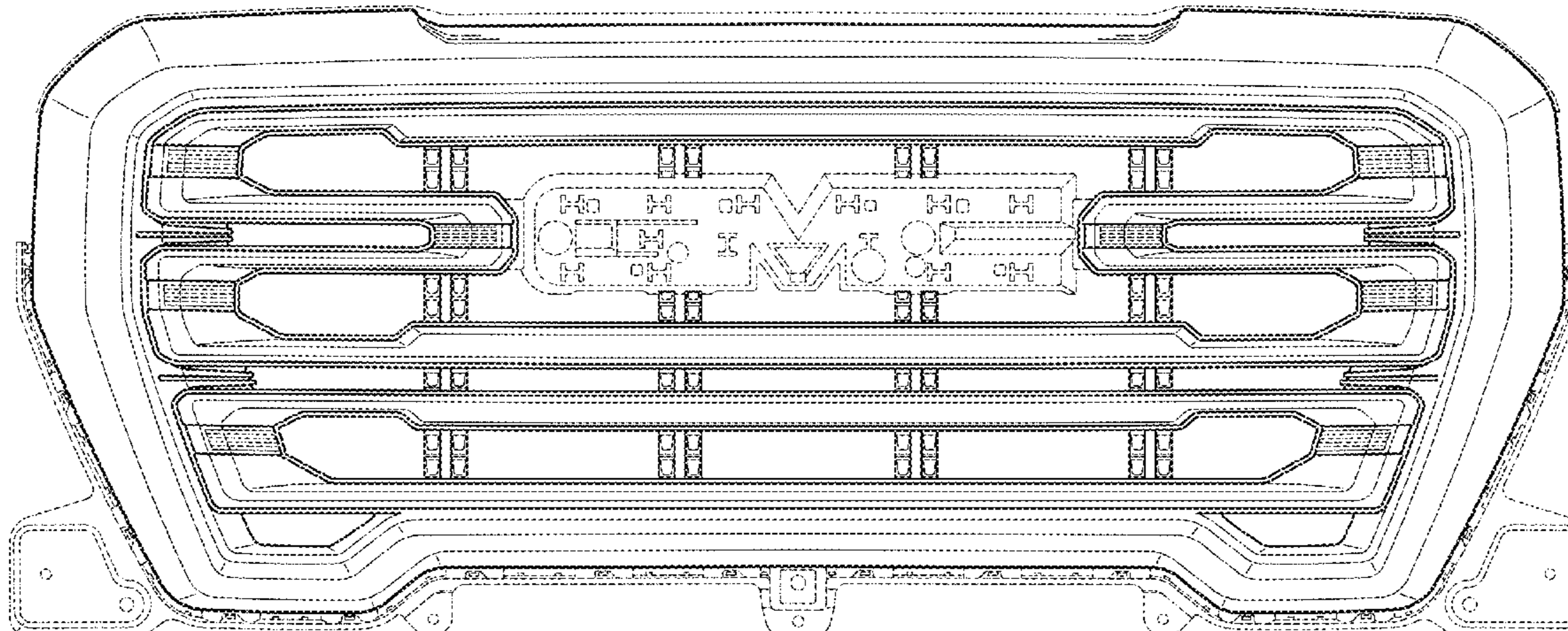
(57) **CLAIM**

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 a mirror image of the left side view); 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

D696,157 S	12/2013	Loeb	D754,572 S	*	4/2016	McMahan	.....	D12/163
D699,629 S	2/2014	Ikeda et al.	D755,088 S		5/2016	McMahan et al.		
D700,871 S	3/2014	O'Donnell et al.	D756,869 S		5/2016	McMahan et al.		
D703,103 S	4/2014	Lee	D758,271 S		6/2016	McMahan et al.		
D703,111 S	* 4/2014	Platto	D764,975 S		8/2016	Aengenheyster		
D704,103 S	5/2014	Mack et al.	D764,976 S		8/2016	Aengenheyster		
D705,132 S	5/2014	Ware et al.	D767,449 S		9/2016	Pevovar et al.		
D705,699 S	5/2014	Ware et al.	D767,450 S		9/2016	Lee et al.		
D712,790 S	* 9/2014	Scheinhutte	D767,451 S		9/2016	Kozub et al.		
D712,791 S	* 9/2014	Scheinhutte	D767,454 S		9/2016	McMahan et al.		
D713,298 S	9/2014	Dyson	D767,458 S		9/2016	Kim		
D713,764 S	9/2014	Ferlazzo et al.	D767,459 S		9/2016	Kim		
D716,696 S	11/2014	Thole et al.	D767,460 S		9/2016	Kozub et al.		
D716,706 S	11/2014	Thole et al.	D767,461 S		9/2016	Kozub et al.		
D716,709 S	11/2014	Thole et al.	D769,160 S	*	10/2016	Platto	.....	D12/163
D717,696 S	11/2014	Thole et al.	D771,528 S		11/2016	Smith et al.		
D718,189 S	11/2014	Krieg et al.	D771,529 S		11/2016	Thole et al.		
D718,683 S	12/2014	Thole et al.	D771,532 S		11/2016	Kapitonov		
D722,282 S	2/2015	Loeb	D771,533 S		11/2016	Kapitonov		
D722,533 S	2/2015	Thole et al.	D772,766 S		11/2016	Kozub et al.		
D722,534 S	2/2015	Munson et al.	D772,767 S		11/2016	Kim		
D724,510 S	3/2015	McMahan et al.	D773,084 S		11/2016	Kapitonov		
D725,001 S	3/2015	McMahan et al.	D773,086 S		11/2016	McCabe et al.		
D726,591 S	4/2015	Jacob	D774,226 S		12/2016	McCabe et al.		
D730,776 S	6/2015	Smart	D775,003 S		12/2016	Pevovar et al.		
D730,783 S	6/2015	Henriques et al.	D775,007 S		12/2016	Thole et al.		
D732,427 S	6/2015	Loeb	D775,010 S		12/2016	Kim et al.		
D732,429 S	6/2015	Loeb	D775,049 S		12/2016	Scheer et al.		
D732,430 S	6/2015	Loeb	D775,549 S		1/2017	Karras		
D732,431 S	6/2015	Loeb	D775,554 S		1/2017	Kapitonov		
D732,432 S	6/2015	Aengenheyster	D776,020 S		1/2017	Kapitonov		
D732,433 S	6/2015	Aengenheyster	D776,581 S		1/2017	Pevovar et al.		
D732,435 S	6/2015	Mackay	D776,583 S		1/2017	Scheer et al.		
D733,002 S	6/2015	Loeb	D776,841 S		1/2017	Kozub et al.		
D735,611 S	8/2015	Aengenheyster	D776,843 S		1/2017	McCabe et al.		
D735,627 S	8/2015	Smith	D776,846 S		1/2017	Willett et al.		
D736,451 S	8/2015	Smith	D777,359 S		1/2017	Kozub et al.		
D739,306 S	9/2015	McMahan et al.	D777,360 S		1/2017	Kozub et al.		
D739,317 S	9/2015	McMahan et al.	D777,361 S		1/2017	Kozub et al.		
D741,223 S	10/2015	Kim et al.	D777,604 S		1/2017	McNerney		
D743,309 S	11/2015	Thole et al.	D777,605 S		1/2017	Ferlazzo et al.		
D743,313 S	11/2015	Smith et al.	D777,620 S		1/2017	Pevovar et al.		
D743,314 S	11/2015	Thole et al.	D777,621 S		1/2017	Kim		
D743,857 S	11/2015	McMahan et al.	D777,622 S		1/2017	Kozub et al.		
D744,158 S	11/2015	Willett et al.	D777,628 S		1/2017	Kozub et al.		
D745,086 S	12/2015	Finos et al.	D777,955 S		1/2017	Willett et al.		
D745,719 S	12/2015	Boniface et al.	D778,212 S		2/2017	Kozub et al.		
D745,725 S	12/2015	McMahan et al.	D778,215 S		2/2017	Kozub et al.		
D745,726 S	12/2015	McMahan et al.	D780,064 S		2/2017	Smith et al.		
D745,837 S	12/2015	Smith et al.	D780,067 S	*	2/2017	Zipfel	.....	D12/91
D746,726 S	1/2016	Smith et al.	D780,068 S		2/2017	Whitla et al.		
D746,727 S	1/2016	Smith et al.	D780,077 S		2/2017	Kim et al.		
D746,728 S	1/2016	Smith et al.	D780,081 S		2/2017	Lee		
D746,729 S	1/2016	Boniface et al.	D780,084 S		2/2017	Scheer et al.		
D746,730 S	1/2016	Kim et al.	D780,631 S		3/2017	Kozub et al.		
D747,514 S	1/2016	McMahan et al.	D780,644 S		3/2017	Kim et al.		
D747,515 S	1/2016	McMahan et al.	D781,184 S		3/2017	Thole et al.		
D747,819 S	1/2016	Thole et al.	D781,192 S		3/2017	Kozub et al.		
D749,021 S	2/2016	Boniface et al.	D782,379 S		3/2017	Wassell		
D749,026 S	2/2016	Smith et al.	D783,482 S		4/2017	Smith et al.		
D749,027 S	2/2016	McMahan et al.	D784,213 S		4/2017	Karras		
D749,246 S	2/2016	Thole et al.	D784,223 S		4/2017	Lee		
D749,249 S	2/2016	Thole et al.	D784,226 S		4/2017	Cheng		
D749,250 S	2/2016	Thole et al.	D784,579 S		4/2017	Cheng et al.		
D749,985 S	2/2016	Kozub et al.	D784,877 S		4/2017	Lee		
D749,997 S	2/2016	McMahan et al.	D784,886 S		4/2017	Smith et al.		
D750,001 S	2/2016	Thole et al.	D785,521 S		5/2017	Smith et al.		
D753,032 S	4/2016	Smith et al.	D786,149 S		5/2017	Pevovar et al.		
D753,033 S	4/2016	Thole et al.	D786,743 S		5/2017	Smith et al.		
D753,034 S	4/2016	Thole et al.	D786,750 S		5/2017	Lee		
D753,035 S	4/2016	Boniface et al.	D787,446 S		5/2017	Cockerill		
D753,559 S	4/2016	McMahan et al.	D787,984 S		5/2017	Fang		
D753,560 S	4/2016	McMahan et al.	D787,988 S		5/2017	Lee		
D753,567 S	4/2016	Boniface et al.	D787,989 S		5/2017	Kozub et al.		
D754,571 S	4/2016	Boniface 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		
			D788,641 S		6/2017	Arnold		

(56)

References Cited

U.S. PATENT DOCUMENTS

D788,644	S	6/2017	Mueller	
D788,645	S	6/2017	Mueller	
D789,250	S	6/2017	Arnold	
D789,260	S	6/2017	Smith	
D789,575	S	6/2017	Willett	
D789,841	S	6/2017	Lee	
D789,849	S	6/2017	Lee	
D802,491	S *	11/2017	Mainville	..... B60K 11/08 D12/163
D805,006	S *	12/2017	Nakamura	..... B60R 19/52 D12/163
D805,965	S *	12/2017	Davis	..... B60K 11/04 D12/163
D808,308	S *	1/2018	Gillam	..... D12/163
D818,877	S *	5/2018	Nakamura	..... D12/91
2016/0101755	A1 *	4/2016	Sharif	..... B60R 19/52 296/193.1
2016/0137053	A1 *	5/2016	Dubey	..... B60K 11/04 180/68.1
2017/0008388	A1 *	1/2017	Walters	..... B60K 11/08

* cited by examiner

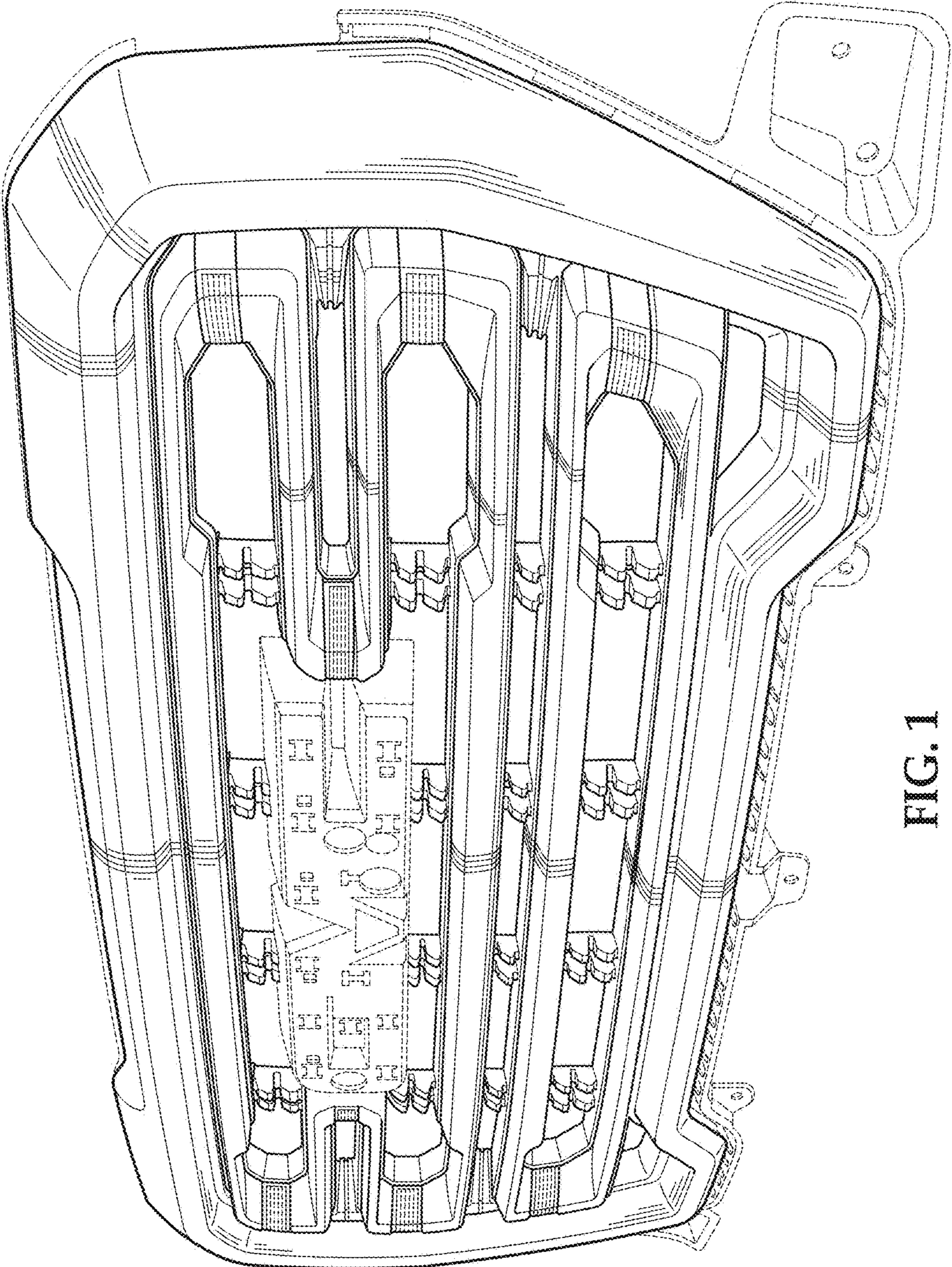


FIG. 1

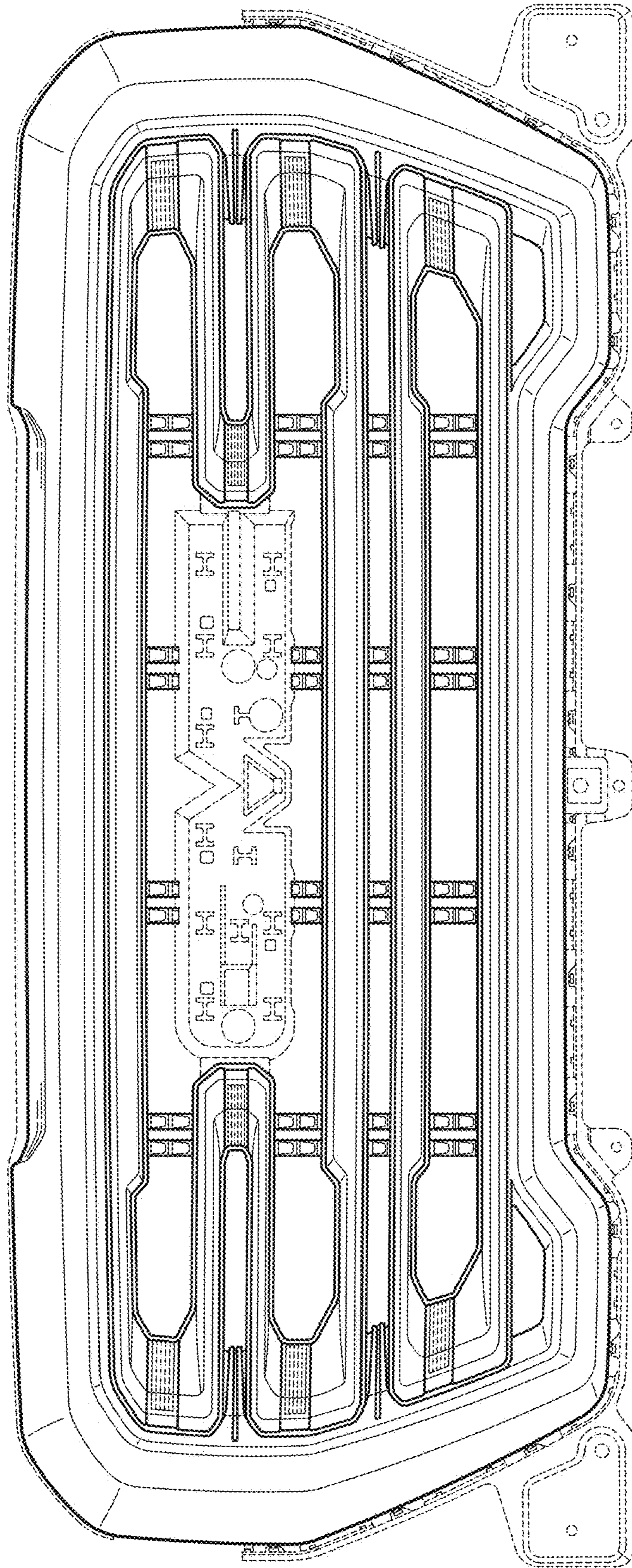


FIG. 2

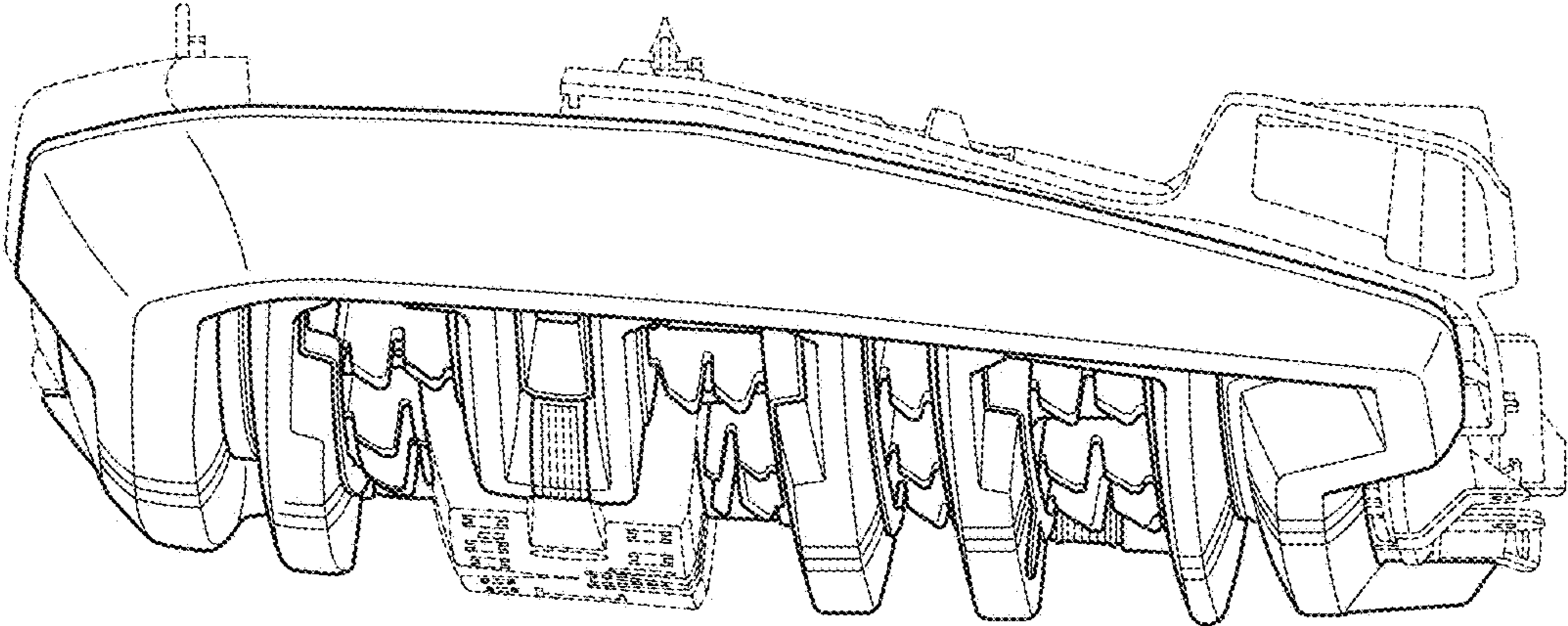


FIG. 3

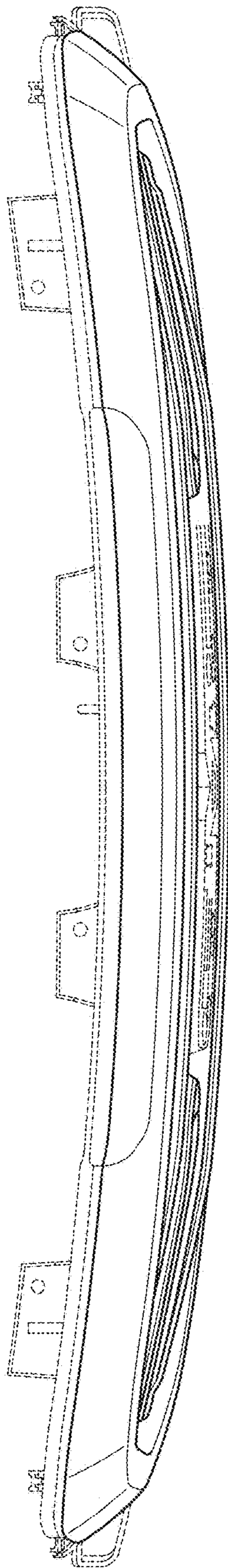


FIG. 4