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

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(54) **VEHICLE HOOD**

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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D473,829 S *	4/2003	Hoyle, Jr. ....	D12/173
D484,835 S *	1/2004	Chiang .....	D12/173
D502,902 S *	3/2005	Chiang .....	D12/173
D522,939 S *	6/2006	Chiang .....	D12/173
D545,252 S *	6/2007	Chiang .....	D12/173
D560,576 S *	1/2008	Tant .....	D12/173
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.
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

(Continued)

**OTHER PUBLICATIONS**

Auto Metal Direct. "Hood—2" Raised Cowl." Amazon.com, published Jul. 3, 2013 (Retrieved from the Internet Oct. 4, 2019). Internet URL: <[https://www.amazon.com/Hood-Raised-Silverado-1500HD-Suburban/dp/B00DRLVCFG/ref=sr\\_1\\_57?keywords=hood&qid=1570201836&s=automotive&sr=1-57](https://www.amazon.com/Hood-Raised-Silverado-1500HD-Suburban/dp/B00DRLVCFG/ref=sr_1_57?keywords=hood&qid=1570201836&s=automotive&sr=1-57)> (Year: 2013).\*

(Continued)

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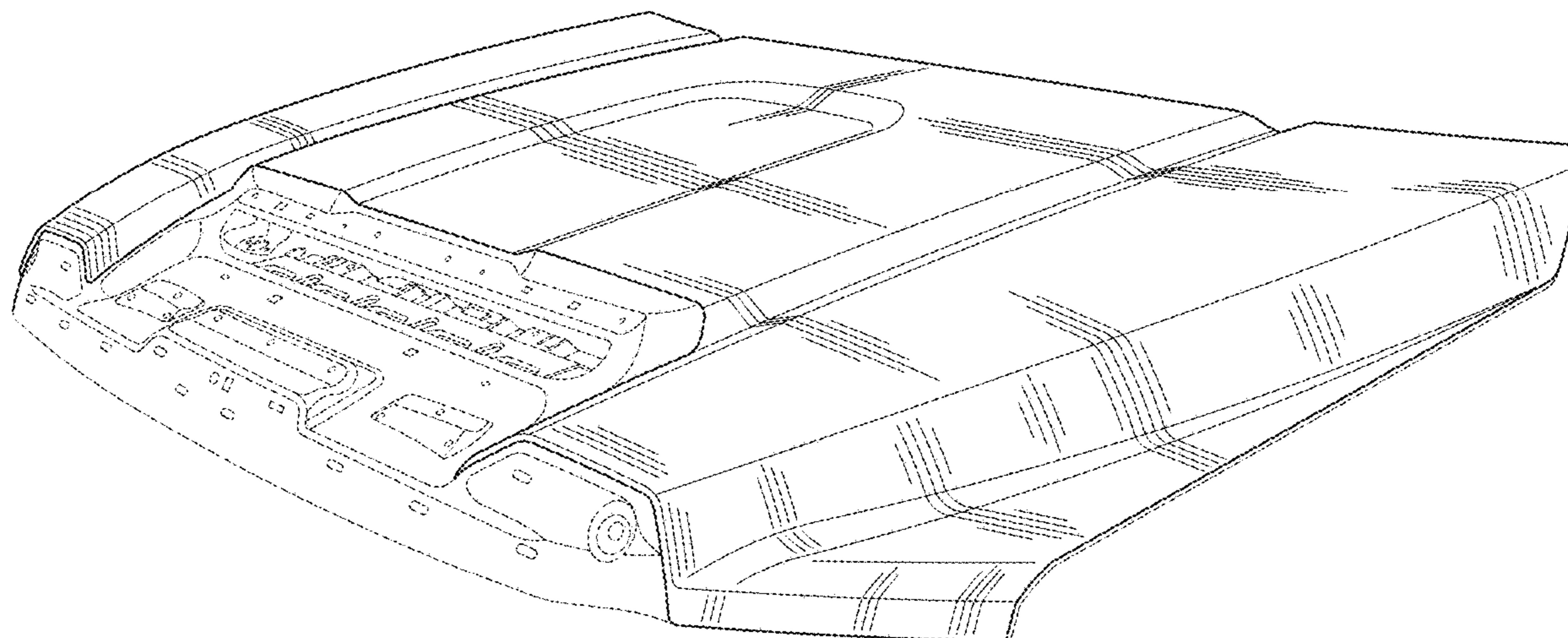
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of the vehicle hood; FIG. 2 is a front view thereof; FIG. 3 is a leftside view thereof (the rightside view being a mirror image of the leftside view); and, FIG. 4 is a top view thereof. The broken lines in the drawings illustrate portions of the vehicle hood that form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D640,959 S *	7/2011	Furst .....	D12/173	D746,730 S	1/2016	Kim et al.	
D641,669 S *	7/2011	Vardis .....	D12/173	D747,514 S	1/2016	McMahan et al.	
D644,147 S	8/2011	Suh et al.		D747,515 S	1/2016	McMahan et al.	
D644,567 S	9/2011	Kozub		D747,819 S	1/2016	Thole et al.	
D655,227 S *	3/2012	Hanson .....	B62D 25/10 D12/173	D749,021 S	2/2016	Boniface et al.	
D657,718 S	4/2012	Zipfel et al.		D749,026 S	2/2016	Smith et al.	
D659,052 S	5/2012	Ware et al.		D749,027 S	2/2016	McMahan et al.	
D659,053 S	5/2012	Ware et al.		D749,246 S	2/2016	Thole et al.	
D668,182 S	10/2012	Barba Franco et al.		D749,249 S	2/2016	Thole et al.	
D668,183 S	10/2012	Smart		D749,250 S	2/2016	Thole et al.	
D678,820 S	3/2013	Son et al.		D749,985 S	2/2016	Kozub et al.	
D678,821 S	3/2013	Ikeda et al.		D749,997 S	2/2016	McMahan et al.	
D680,909 S	4/2013	Munson et al.		D750,001 S	2/2016	Thole et al.	
D680,910 S	4/2013	David		D753,032 S	4/2016	Smith et al.	
D684,899 S	6/2013	Baker		D753,033 S	4/2016	Thole et al.	
D686,536 S	7/2013	McCabe et al.		D753,034 S	4/2016	Thole et al.	
D692,798 S	11/2013	Thurber		D753,035 S	4/2016	Boniface et al.	
D692,799 S	11/2013	Smith et al.		D753,559 S	4/2016	McMahan et al.	
D692,812 S *	11/2013	Harriton .....	B62D 25/105 D12/173	D753,560 S	4/2016	McMahan et al.	
D696,157 S	12/2013	Loeb		D753,567 S	4/2016	Boniface et al.	
D699,629 S	2/2014	Ikeda et al.		D754,571 S	4/2016	Boniface et al.	
D700,871 S	3/2014	O'Donnell et al.		D754,572 S	4/2016	McMahan et al.	
D703,103 S	4/2014	Lee		D755,088 S	5/2016	McMahan et al.	
D704,103 S	5/2014	Mack et al.		D756,869 S	5/2016	McMahan et al.	
D705,132 S	5/2014	Ware et al.		D758,271 S	6/2016	McMahan et al.	
D705,699 S	5/2014	Ware et al.		D764,975 S	8/2016	Aengenheyster	
D706,185 S *	6/2014	Mackay .....	D12/173	D764,976 S	8/2016	Aengenheyster	
D713,298 S	9/2014	Dyson		D767,449 S	9/2016	Pevovar et al.	
D713,764 S	9/2014	Ferlazzo et al.		D767,450 S	9/2016	Lee et al.	
D716,696 S	11/2014	Thole et al.		D767,451 S	9/2016	Kozub et al.	
D716,706 S	11/2014	Thole et al.		D767,454 S	9/2016	McMahan et al.	
D716,709 S	11/2014	Thole et al.		D767,458 S	9/2016	Kim	
D717,696 S	11/2014	Thole et al.		D767,459 S	9/2016	Kim	
D718,189 S	11/2014	Krieg et al.		D767,460 S	9/2016	Kozub et al.	
D718,683 S	12/2014	Thole et al.		D767,461 S	9/2016	Kozub et al.	
D718,684 S *	12/2014	Thole .....	D12/173	D771,528 S	11/2016	Smith et al.	
D722,282 S	2/2015	Loeb		D771,529 S	11/2016	Thole et al.	
D722,533 S	2/2015	Thole et al.		D771,532 S	11/2016	Kapitonov	
D722,534 S	2/2015	Munson et al.		D771,533 S	11/2016	Kapitonov	
D724,510 S	3/2015	McMahan et al.		D772,766 S	11/2016	Kozub et al.	
D725,001 S	3/2015	McMahan et al.		D772,767 S	11/2016	Kim	
D726,591 S	4/2015	Jacob		D772,768 S *	11/2016	Chiang .....	D12/173
D730,776 S	6/2015	Smart		D773,084 S	11/2016	Kapitonov	
D730,783 S	6/2015	Henriques et al.		D773,086 S	11/2016	McCabe et al.	
D732,427 S	6/2015	Loeb		D774,226 S	12/2016	McCabe et al.	
D732,429 S	6/2015	Loeb		D775,003 S	12/2016	Pevovar et al.	
D732,430 S	6/2015	Loeb		D775,007 S	12/2016	Thole et al.	
D732,431 S	6/2015	Loeb		D775,010 S	12/2016	Kim et al.	
D732,432 S	6/2015	Aengenheyster		D775,021 S *	12/2016	Harriton .....	D12/173
D732,433 S	6/2015	Aengenheyster		D775,049 S	12/2016	Scheer et al.	
D732,435 S	6/2015	Mackay		D775,549 S	1/2017	Karras	
D733,002 S	6/2015	Loeb		D775,554 S	1/2017	Kapitonov	
D735,611 S	8/2015	Aengenheyster		D776,020 S	1/2017	Kapitonov	
D735,625 S *	8/2015	Mays .....	D12/173	D776,581 S	1/2017	Pevovar et al.	
D735,627 S	8/2015	Smith		D776,583 S	1/2017	Scheer et al.	
D736,451 S	8/2015	Smith		D776,841 S	1/2017	Kozub et al.	
D739,306 S	9/2015	McMahan et al.		D776,843 S	1/2017	McCabe et al.	
D739,317 S	9/2015	McMahan et al.		D776,846 S	1/2017	Willett et al.	
D741,223 S	10/2015	Kim et al.		D777,359 S	1/2017	Kozub et al.	
D743,309 S	11/2015	Thole et al.		D777,360 S	1/2017	Kozub et al.	
D743,313 S	11/2015	Smith et al.		D777,361 S	1/2017	Kozub et al.	
D743,314 S	11/2015	Thole et al.		D777,604 S	1/2017	McNerney	
D743,857 S	11/2015	McMahan et al.		D777,605 S	1/2017	Ferlazzo et al.	
D744,158 S	11/2015	Willett et al.		D777,620 S	1/2017	Pevovar et al.	
D745,086 S	12/2015	Finos et al.		D777,621 S	1/2017	Kim	
D745,719 S	12/2015	Boniface et al.		D777,622 S	1/2017	Kozub et al.	
D745,725 S	12/2015	McMahan et al.		D777,628 S	1/2017	Kozub et al.	
D745,726 S	12/2015	McMahan et al.		D777,955 S	1/2017	Willett et al.	
D745,837 S	12/2015	Smith et al.		D778,212 S	2/2017	Kozub et al.	
D746,726 S	1/2016	Smith et al.		D778,215 S	2/2017	Kozub et al.	
D746,727 S	1/2016	Smith et al.		D780,064 S	2/2017	Smith et al.	
D746,728 S	1/2016	Smith et al.		D780,067 S	2/2017	Zipfel et al.	
D746,729 S	1/2016	Boniface 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.	

(56)

References Cited

U.S. PATENT DOCUMENTS

D781,192 S	3/2017	Kozub et al.	D797,971 S	9/2017	Mainville
D782,379 S	3/2017	Wassell	D797,972 S	9/2017	Whitla et al.
D783,482 S	4/2017	Smith et al.	D798,204 S	9/2017	Mainville
D784,213 S	4/2017	Karras	D799,384 S	10/2017	Kozub et al.
D784,223 S	4/2017	Lee	D799,385 S	10/2017	Kozub et al.
D784,226 S	4/2017	Cheng	D799,386 S	10/2017	Kozub et al.
D784,579 S	4/2017	Cheng et al.	D799,728 S	10/2017	Whitla et al.
D784,877 S	4/2017	Lee	D801,236 S	10/2017	Kozub et al.
D784,886 S	4/2017	Smith et al.	D801,577 S	10/2017	Ruiz
D785,521 S	5/2017	Smith et al.	D801,882 S	11/2017	Kozub et al.
D786,149 S	5/2017	Pevovar et al.	D802,205 S	11/2017	Ruiz
D786,743 S	5/2017	Smith et al.	D802,478 S	11/2017	Perkins
D786,750 S	5/2017	Lee	D802,491 S	11/2017	Mainville
D787,446 S	5/2017	Cockerill	D802,496 S	11/2017	Mainville
D787,984 S	5/2017	Fang	D802,502 S	11/2017	McMahan
D787,988 S	5/2017	Lee	D803,727 S	11/2017	Noone et al.
D787,989 S	5/2017	Kozub et al.	D803,731 S	11/2017	Zipfel
D787,990 S	5/2017	Kozub et al.	D804,370 S	12/2017	Kozub et al.
D787,992 S	5/2017	Lee	D804,371 S	12/2017	Whitla et al.
D787,993 S	5/2017	McCabe et al.	D804,372 S	12/2017	Kozub
D788,001 S	5/2017	Lee	D804,378 S	12/2017	Perkins
D788,641 S	6/2017	Arnold	D804,379 S	12/2017	McMahan
D788,644 S	6/2017	Mueller	D805,006 S	12/2017	Nakamura
D788,645 S	6/2017	Mueller	D805,013 S	12/2017	Whitla
D789,250 S	6/2017	Arnold	D805,014 S	12/2017	Zipfel
D789,260 S	* 6/2017	Smith ..... D12/173	D805,441 S	12/2017	Karras
D789,575 S	6/2017	Willet	D805,964 S	12/2017	Whitla
D789,841 S	6/2017	Lee	D805,965 S	12/2017	Davis
D789,849 S	6/2017	Lee	D805,966 S	12/2017	Perkins
D791,018 S	7/2017	Mylenek	D805,985 S	12/2017	Nakamura
D791,644 S	7/2017	Fang	D807,232 S	1/2018	Bailie
D792,290 S	7/2017	Smith et al.	D807,239 S	1/2018	Perkins
D792,293 S	7/2017	McCabe et al.	D807,240 S	1/2018	Perkins
D792,294 S	7/2017	McCabe et al.	D807,241 S	1/2018	Perkins
D792,295 S	7/2017	McCabe et al.	D809,442 S	2/2018	Zipfel et al.
D792,815 S	7/2017	Kozub	D811,269 S	2/2018	Thompson et al.
D792,816 S	7/2017	Kozub	D811,942 S	3/2018	Jacob
D793,290 S	8/2017	Kozub	D811,957 S	3/2018	Whitla et al.
D793,292 S	8/2017	Lee	D811,958 S	3/2018	Zipfel et al.
D793,293 S	8/2017	Lee et al.	D811,959 S	3/2018	Perkins
D793,294 S	8/2017	Lee	D811,960 S	3/2018	Nakamura
D793,295 S	8/2017	McCabe et al.	D811,961 S	3/2018	Sullivan
D793,296 S	8/2017	Smith et al.	D811,962 S	3/2018	Sullivan
D793,297 S	8/2017	Smith et al.	D811,963 S	3/2018	Sullivan
D793,299 S	8/2017	Kreig et al.	D811,964 S	3/2018	Perkins
D793,300 S	8/2017	Kreig et al.	D811,965 S	3/2018	Moffett et al.
D793,301 S	8/2017	Kozub	D812,525 S	3/2018	Lee
D793,302 S	8/2017	Kozub	D812,526 S	3/2018	Zipfel et al.
D793,311 S	8/2017	Whitla et al.	D812,527 S	3/2018	Perkins
D793,590 S	8/2017	Kozub et al.	D812,528 S	3/2018	Nakamura
D793,591 S	8/2017	Kozub et al.	D813,098 S	3/2018	Thompson et al.
D793,917 S	8/2017	Kozub	D813,109 S	3/2018	Zipfel et al.
D793,918 S	8/2017	Kozub	D813,110 S	3/2018	Whitla et al.
D794,229 S	8/2017	Barry	D813,111 S	3/2018	Sullivan
D794,230 S	8/2017	Kozub	D813,116 S	3/2018	Park
D795,747 S	8/2017	Bailie	D813,117 S	3/2018	Sullivan
D795,757 S	8/2017	Pevovar et al.	D813,121 S	3/2018	Swaneger
D795,758 S	8/2017	Karras	D813,730 S	3/2018	Zipfel et al.
D795,759 S	8/2017	Kozub et al.	D813,731 S	3/2018	McMahan
D795,760 S	8/2017	Kozub et al.	D813,732 S	3/2018	Whitla et al.
D795,762 S	8/2017	Lee	D813,733 S	3/2018	Lee
D795,763 S	8/2017	Kozub	D813,734 S	3/2018	Nakamura
D796,088 S	8/2017	McCabe et al.	D813,740 S	3/2018	Park
D796,093 S	8/2017	Mainville	D813,741 S	3/2018	Perkins
D796,390 S	9/2017	Pevovar et al.	D813,742 S	3/2018	McMahan et al.
D797,537 S	9/2017	Cooper et al.	D813,743 S	3/2018	Lee
D797,603 S	9/2017	Noone et al.	D813,744 S	3/2018	Whitla et al.
D797,614 S	9/2017	Lee	D813,748 S	3/2018	Kim
D797,616 S	9/2017	Lee	D813,753 S	3/2018	Loeb
D797,624 S	9/2017	Nakamura	D813,754 S	3/2018	Loeb
D797,625 S	9/2017	Perkins	D813,755 S	3/2018	Loeb
D797,631 S	9/2017	Pevovar et al.	D813,756 S	3/2018	Loeb
D797,632 S	9/2017	Zipfel et al.	D813,757 S	* 3/2018	Kozub ..... D12/173
D797,967 S	9/2017	Barry	D813,758 S	3/2018	Gonzales
D797,970 S	9/2017	Mainville	D813,759 S	3/2018	Perkins
			D814,369 S	4/2018	Loeb
			D814,982 S	4/2018	Whitla et al.
			D814,983 S	4/2018	Whitla et al.
			D815,570 S	4/2018	McMahan et al.

(56)

References Cited

U.S. PATENT DOCUMENTS

D815,572 S 4/2018 Perkins  
 D815,573 S 4/2018 Whitla et al.  
 D815,574 S \* 4/2018 Mainville ..... D12/173  
 D815,993 S 4/2018 Kozub et al.  
 D815,994 S 4/2018 Nakamura  
 D816,003 S 4/2018 Perkins  
 D816,558 S 5/2018 McMahan et al.  
 D816,559 S 5/2018 McMahan et al.  
 D816,561 S 5/2018 McMahan  
 D816,562 S 5/2018 Whitla et al.  
 D816,563 S 5/2018 McMahan et al.  
 D816,564 S 5/2018 Kim  
 D816,565 S 5/2018 Kim  
 D816,566 S 5/2018 Loeb  
 D817,836 S 5/2018 McMahan et al.  
 D818,156 S 5/2018 Kim et al.  
 D818,157 S 5/2018 Zipfel et al.  
 D818,158 S 5/2018 Zipfel et al.  
 D818,159 S 5/2018 Zipfel et al.  
 D818,160 S 5/2018 Perkins  
 D818,406 S 5/2018 McMahan et al.  
 D818,876 S 5/2018 Whitla et al.  
 D818,877 S 5/2018 Nakamura et al.  
 D818,878 S 5/2018 McMahan et al.  
 D818,892 S 5/2018 Lee  
 D818,893 S 5/2018 Kim  
 D818,903 S 5/2018 Zipfel et al.  
 D818,906 S 5/2018 McMahan  
 D818,907 S 5/2018 Whitla et al.  
 D818,915 S 5/2018 Kozub et al.  
 D818,922 S 5/2018 Whitla et al.  
 D819,505 S 6/2018 McMahan et al.  
 D819,519 S 6/2018 Whitla et al.  
 D820,746 S \* 6/2018 Hallgren ..... D12/173  
 D821,617 S 6/2018 Perkins  
 D822,550 S 7/2018 Wassell et al.  
 D822,551 S 7/2018 McMahan et al.  
 D823,188 S 7/2018 Loeb  
 D823,738 S 7/2018 Kim  
 D823,741 S 7/2018 Kim  
 D823,762 S 7/2018 Loeb  
 D823,763 S 7/2018 Koo et al.  
 D824,811 S 8/2018 Mainville  
 D824,812 S 8/2018 Loeb  
 D824,824 S 8/2018 Kim  
 D824,825 S 8/2018 Loeb  
 D825,083 S 8/2018 Perkins  
 D825,388 S 8/2018 Karras et al.  
 D825,403 S 8/2018 Whitla et al.  
 D826,114 S 8/2018 Smith et al.  
 D826,435 S 8/2018 Kim

D826,803 S 8/2018 Smith et al.  
 D827,506 S 9/2018 McMahan et al.  
 D827,508 S 9/2018 Whitla et al.  
 D827,510 S 9/2018 Kim  
 D827,527 S 9/2018 Loeb  
 D828,246 S 9/2018 Loeb  
 D828,247 S \* 9/2018 Kozub ..... D12/173  
 D828,261 S 9/2018 Moffett et al.  
 D828,935 S 9/2018 Hochmuth  
 D864,807 S \* 10/2019 Park ..... B62D 25/105  
 D12/173  
 2014/0117721 A1 \* 5/2014 Ring ..... B62D 25/12  
 296/193.11  
 2018/0134322 A1 \* 5/2018 White ..... B62D 25/105  
 2018/0273111 A1 \* 9/2018 Krijnen ..... B62D 25/10  
 2020/0031401 A1 \* 1/2020 Salter ..... B62D 25/105

OTHER PUBLICATIONS

Auto Metal Direct. "Auto Metal Direct 300-4088-3 Ram Air Style Hood." Amazon.com, published May 18, 2015 (Retrieved from the Internet Oct. 4, 2019). Internet URL: <[https://www.amazon.com/Hood-Style-Pickup-Blazer-Suburban/dp/B00DRLV9PY/ref=sr\\_1\\_132?keywords=hood&qid=1570201934&s=automotive&sr=1-132](https://www.amazon.com/Hood-Style-Pickup-Blazer-Suburban/dp/B00DRLV9PY/ref=sr_1_132?keywords=hood&qid=1570201934&s=automotive&sr=1-132)> (Year: 2015).\*

AmeriHood. "AmeriHood DA08AHCLGFHW Dodge Avenger 2008-2014." Amazon.com, published Oct. 10, 2016 (Retrieved from the Internet Oct. 4, 2019). Internet URL: <[https://www.amazon.com/AmeriHood-DA08AHCLGFHW-2008-2014-Type-CLG-Functional/dp/B01M7NMSYQ/ref=sr\\_1\\_313?qid=1570201502&s=automotive&sr=1-313](https://www.amazon.com/AmeriHood-DA08AHCLGFHW-2008-2014-Type-CLG-Functional/dp/B01M7NMSYQ/ref=sr_1_313?qid=1570201502&s=automotive&sr=1-313)> (Year: 2016).\*

"RKSPORT Ram Air Hood." Ford F150 Forum, published Jun. 20, 2016 (Retrieved from the Internet Oct. 4, 2019). Internet URL <<https://www.f150forum.com/f118/rksport-ram-air-hood-349281/index2/>> (Year: 2016).\*

Collins, Andrew P. "The Chevy Silverado's New Hood Scoop Looks Hungry." Jalopnik, published Jun. 3, 2016 (Retrieved from the Internet Oct. 4, 2019). Internet URL: <<https://jalopnik.com/the-chevy-silverados-new-hood-scoop-looks-hungry-1780405828>> (Year: 2016).\*

Advan-Emotion. "07-15 Jeep JK Wrangler Full Metal Rubicon." Amazon.com, published Jun. 29, 2017 (Retrieved from the Internet Oct. 4, 2019). Internet URL: <[https://www.amazon.com/07-15-Wrangler-Metal-Rubicon-Anniversary/dp/B073HH9ZRW/ref=sr\\_1\\_75?qid=1570201160&s=automotive&sr=1-75](https://www.amazon.com/07-15-Wrangler-Metal-Rubicon-Anniversary/dp/B073HH9ZRW/ref=sr_1_75?qid=1570201160&s=automotive&sr=1-75)> (Year: 2017).\*

Grayson, Wayne. "Hood scoop key piece in Chevy's creation of its most powerful HD pickups yet." Equipment World, published Jul. 19, 2017 (Retrieved from the Internet Oct. 4, 2019). Internet URL: <<https://www.equipmentworld.com/integrated-hood-scoop-chevrolet-2500-3500-silverado/>> (Year: 2017).\*

\* cited by examiner

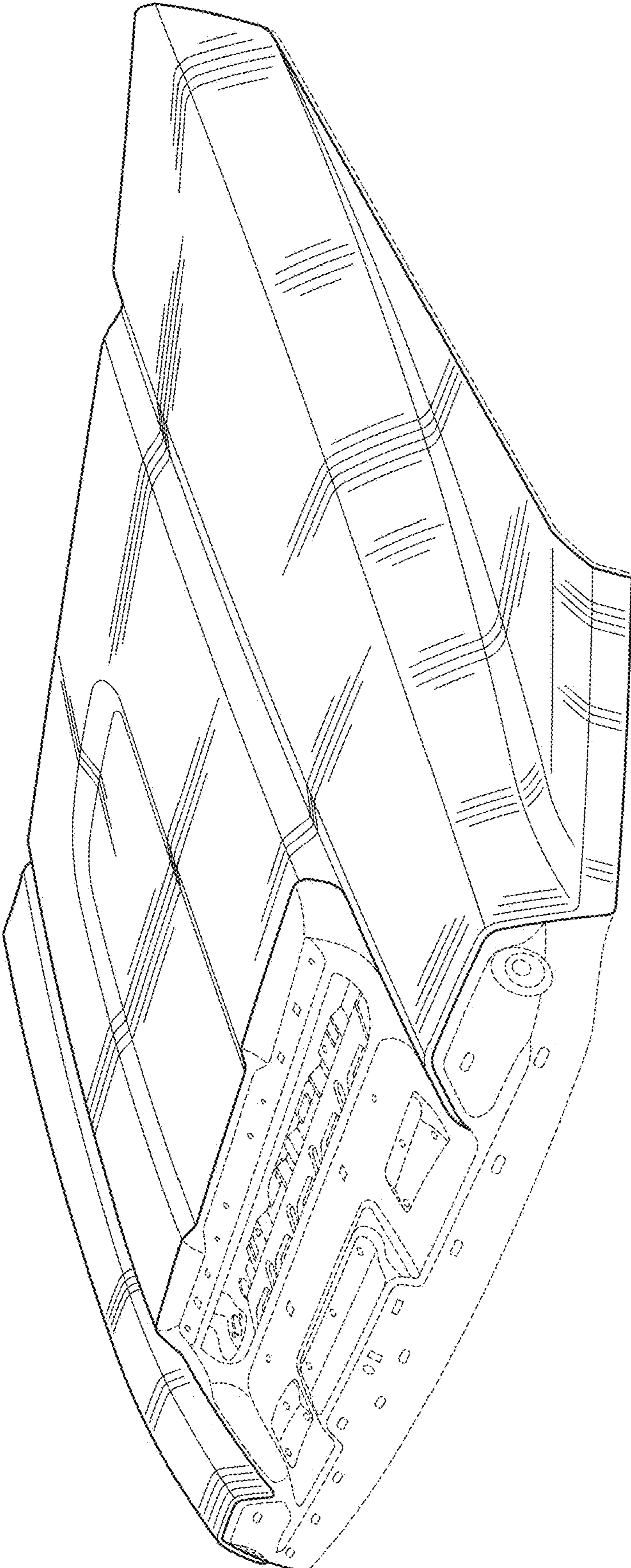


FIG. 1

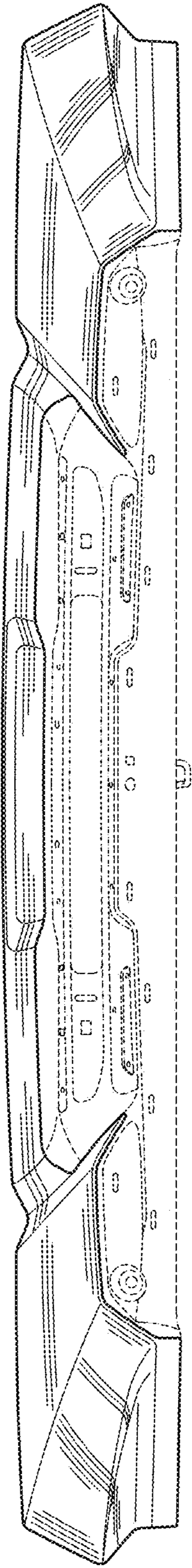


FIG. 2

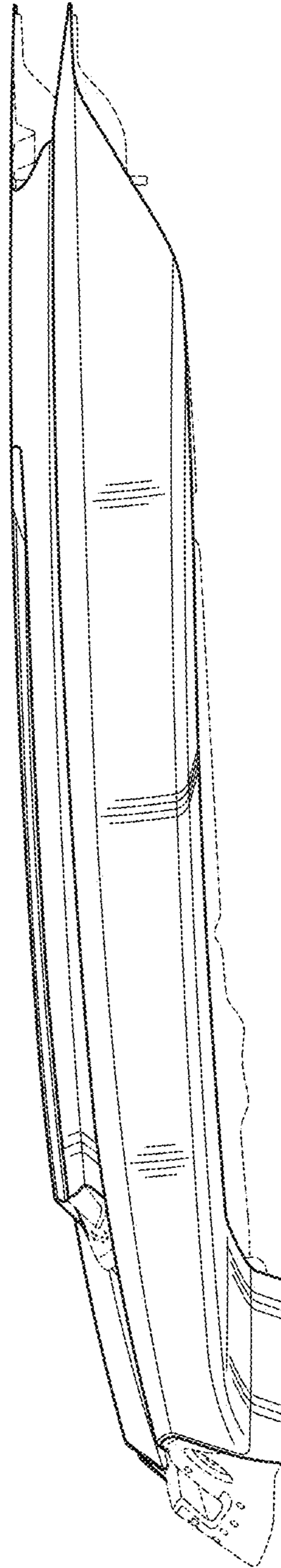


FIG. 3

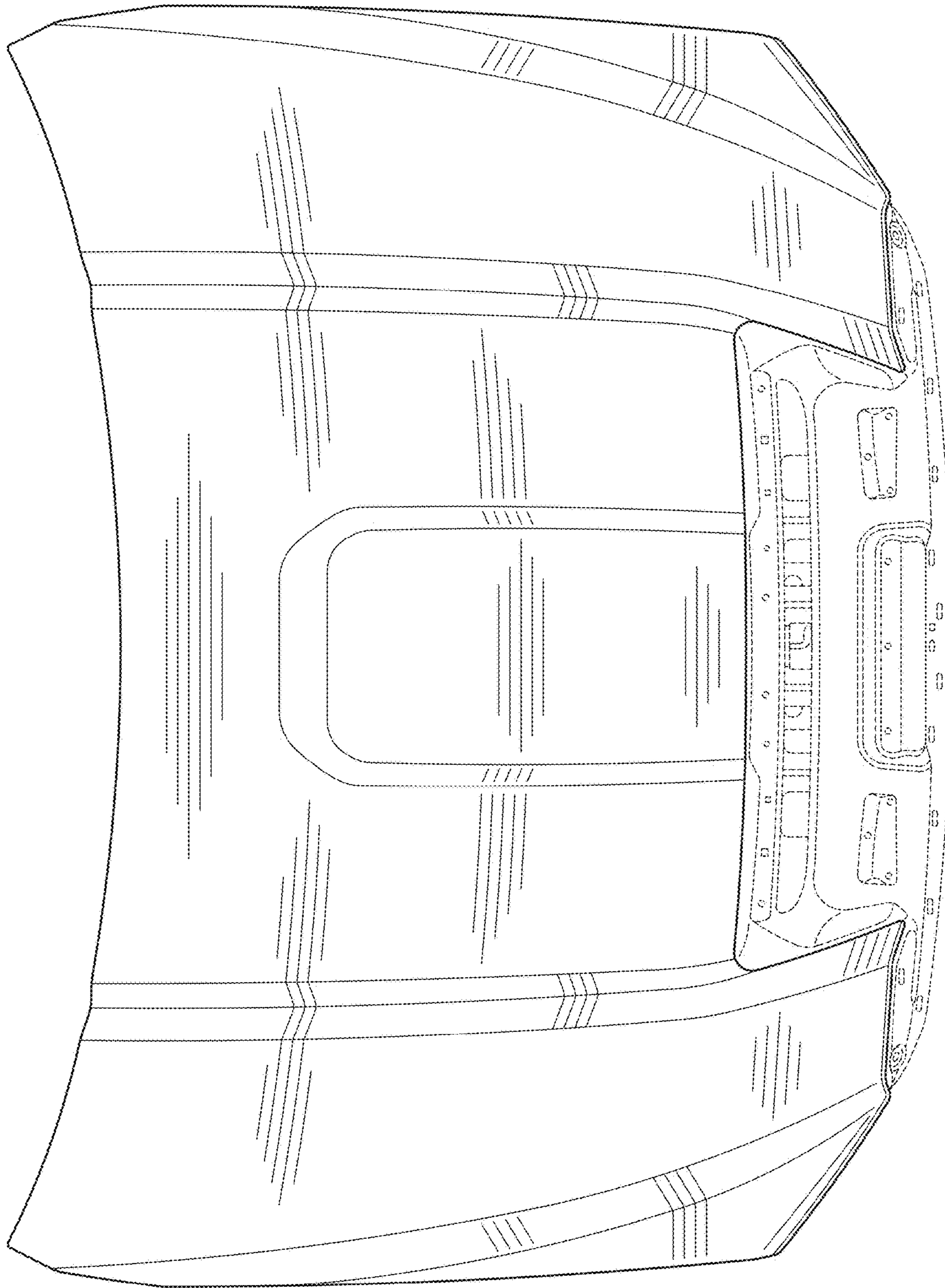


FIG. 4