



US00D839163S

(12) **United States Design Patent** (10) **Patent No.:** **US D839,163 S**  
**Pinazzo et al.** (45) **Date of Patent:** **\*\* Jan. 29, 2019**

(54) **VEHICLE LIFTGATE**  
(71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)  
(72) Inventors: **Therese A. Pinazzo**, Royal Oak, MI (US); **Robin Krieg**, Bloomfield Hills, MI (US)  
(73) Assignee: **GM Global Technology Operations LLC**, Detroit, MI (US)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/609,271**  
(22) Filed: **Jun. 29, 2017**  
(51) **LOC (11) Cl.** ..... **12-16**  
(52) **U.S. Cl.**  
USPC ..... **D12/196**  
(58) **Field of Classification Search**  
USPC ..... D12/86, 90, 91, 92, 163, 169, 171, 183, D12/196, 216  
CPC ..... B62D 24/02; B62D 25/00; B62D 25/003; B62D 25/02; B62D 25/08; B62D 33/0273; B62D 33/03; B62D 33/037  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
D499,357 S \* 12/2004 Velazco ..... D12/91  
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  
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.  
D663,665 S \* 7/2012 Hakamata ..... D12/196  
D668,182 S 10/2012 Barba Franco et al.  
D668,183 S 10/2012 Smart

(Continued)

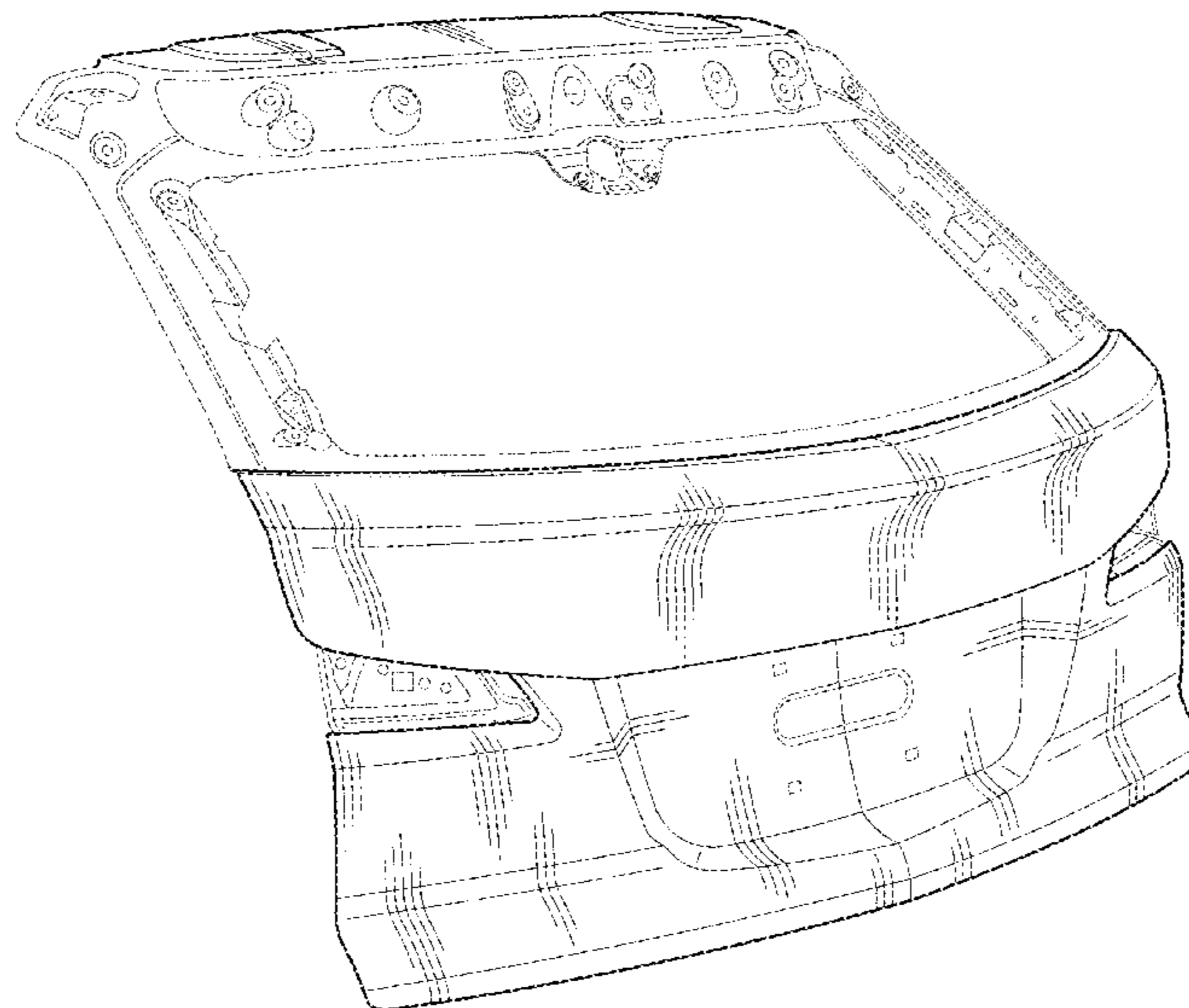
*Primary Examiner* — Susan Bennett Hattan  
*Assistant Examiner* — Suzanne E Tisdell  
(74) *Attorney, Agent, or Firm* — Reising Ethington, P.C.

(57) **CLAIM**  
The ornamental design for a vehicle liftgate, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the vehicle liftgate; 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); and, FIG. 4 is a top view thereof. The broken lines in the drawings illustrate portions of the vehicle liftgate that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D678,820 S	3/2013	Son et al.	D753,033 S	4/2016	Thole et al.
D678,821 S	3/2013	Ikeda et al.	D753,034 S	4/2016	Thole et al.
D680,909 S	4/2013	Munson et al.	D753,035 S	4/2016	Boniface et al.
D680,910 S	4/2013	David	D753,559 S	4/2016	McMahan et al.
D684,899 S	6/2013	Baker	D753,560 S	4/2016	McMahan et al.
D686,536 S	7/2013	McCabe et al.	D753,567 S	4/2016	Boniface et al.
D692,798 S	11/2013	Thurber	D754,571 S	4/2016	Boniface et al.
D692,799 S	11/2013	Smith et al.	D754,572 S	4/2016	McMahan et al.
D696,157 S	12/2013	Loeb	D755,088 S	5/2016	McMahan et al.
D699,629 S	2/2014	Ikeda et al.	D756,869 S	5/2016	McMahan et al.
D700,871 S	3/2014	O'Donnell et al.	D758,271 S	6/2016	McMahan et al.
D703,103 S	4/2014	Lee	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.	D766,795 S *	9/2016	Kim ..... D12/196
D705,699 S	5/2014	Ware et al.	D767,449 S	9/2016	Pevovar et al.
D713,298 S	9/2014	Dyson	D767,450 S	9/2016	Lee et al.
D713,764 S	9/2014	Ferlazzo et al.	D767,451 S	9/2016	Kozub et al.
D716,696 S	11/2014	Thole et al.	D767,454 S	9/2016	McMahan et al.
D716,706 S	11/2014	Thole et al.	D767,458 S	9/2016	Kim
D716,709 S	11/2014	Thole et al.	D767,459 S	9/2016	Kim
D717,696 S	11/2014	Thole et al.	D767,460 S	9/2016	Kozub et al.
D718,189 S	11/2014	Krieg et al.	D767,461 S	9/2016	Kozub et al.
D718,683 S	12/2014	Thole et al.	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	D773,084 S	11/2016	Kapitonov
D730,776 S	6/2015	Smart	D773,086 S	11/2016	McCabe et al.
D730,783 S	6/2015	Henriques et al.	D774,226 S	12/2016	McCabe et al.
D732,427 S	6/2015	Loeb	D775,003 S	12/2016	Pevovar et al.
D732,429 S	6/2015	Loeb	D775,007 S	12/2016	Thole et al.
D732,430 S	6/2015	Loeb	D775,010 S	12/2016	Kim et al.
D732,431 S	6/2015	Loeb	D775,049 S	12/2016	Scheer et al.
D732,432 S	6/2015	Aengenheyster	D775,549 S	1/2017	Karras
D732,433 S	6/2015	Aengenheyster	D775,554 S	1/2017	Kapitonov
D732,435 S	6/2015	Mackay	D776,020 S	1/2017	Kapitonov
D733,002 S	6/2015	Loeb	D776,581 S	1/2017	Pevovar et al.
D735,611 S	8/2015	Aengenheyster et al.	D776,583 S	1/2017	Scheer et al.
D735,627 S	8/2015	Smith	D776,841 S	1/2017	Kozub et al.
D736,128 S *	8/2015	Blanski ..... D12/196	D776,843 S	1/2017	McCabe et al.
D736,451 S	8/2015	Smith	D776,846 S	1/2017	Willett et al.
D739,306 S	9/2015	McMahan et al.	D777,359 S	1/2017	Kozub et al.
D739,317 S	9/2015	McMahan et al.	D777,360 S	1/2017	Kozub et al.
D741,223 S	10/2015	Kim et al.	D777,361 S	1/2017	Kozub et al.
D743,309 S	11/2015	Thole et al.	D777,604 S	1/2017	McNerney
D743,313 S	11/2015	Smith et al.	D777,605 S	1/2017	Ferlazzo et al.
D743,314 S	11/2015	Thole et al.	D777,620 S	1/2017	Pevovar et al.
D743,857 S	11/2015	McMahan et al.	D777,621 S	1/2017	Kim
D744,158 S	11/2015	Willett et al.	D777,622 S	1/2017	Kozub et al.
D745,086 S	12/2015	Finos et al.	D777,628 S	1/2017	Kozub et al.
D745,719 S	12/2015	Boniface et al.	D777,955 S	1/2017	Willett et al.
D745,725 S	12/2015	McMahan et al.	D778,212 S	2/2017	Kozub et al.
D745,726 S	12/2015	McMahan et al.	D778,215 S	2/2017	Kozub et al.
D745,837 S	12/2015	Smith et al.	D780,064 S	2/2017	Smith et al.
D746,726 S	1/2016	Smith et al.	D780,067 S	2/2017	Zipfel et al.
D746,727 S	1/2016	Smith et al.	D780,068 S	2/2017	Whitla et al.
D746,728 S	1/2016	Smith et al.	D780,077 S	2/2017	Kim et al.
D746,729 S	1/2016	Boniface et al.	D780,081 S	2/2017	Lee
D746,730 S	1/2016	Kim et al.	D780,084 S	2/2017	Scheer et al.
D747,514 S	1/2016	McMahan et al.	D780,631 S	3/2017	Kozub et al.
D747,515 S	1/2016	McMahan et al.	D780,644 S	3/2017	Kim et al.
D747,819 S	1/2016	Thole et al.	D781,184 S	3/2017	Thole et al.
D749,021 S	2/2016	Boniface et al.	D781,192 S	3/2017	Kozub et al.
D749,026 S	2/2016	Smith et al.	D782,379 S	3/2017	Wassell
D749,027 S	2/2016	McMahan et al.	D783,482 S *	4/2017	Smith ..... D12/196
D749,246 S	2/2016	Thole et al.	D784,213 S	4/2017	Karras
D749,249 S	2/2016	Thole et al.	D784,223 S	4/2017	Lee
D749,250 S	2/2016	Thole et al.	D784,226 S	4/2017	Cheng
D749,480 S *	2/2016	Yu ..... D12/196	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.
			D786,743 S	5/2017	Smith et al.
			D786,750 S	5/2017	Lee
			D787,446 S	5/2017	Cockerill
			D787,984 S	5/2017	Fang

(56)

## References Cited

## U.S. PATENT DOCUMENTS

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  
D788,641 S 6/2017 Arnold  
D788,644 S \* 6/2017 Mueller ..... D12/91  
D788,645 S \* 6/2017 Mueller ..... D12/91  
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  
D790,400 S \* 6/2017 Zavatski ..... D12/91  
D797,632 S \* 9/2017 Zipfel ..... D12/196  
D799,375 S \* 10/2017 Zavatski ..... D12/91  
D799,376 S \* 10/2017 Telaak ..... D12/91  
D801,858 S \* 11/2017 Hagino ..... D12/91  
D801,861 S \* 11/2017 Hubers ..... D12/91  
D801,862 S \* 11/2017 Brendel ..... D12/91  
D802,478 S \* 11/2017 Perkins ..... D12/91  
D802,482 S \* 11/2017 Sterner ..... D12/91  
D803,123 S \* 11/2017 Granlund ..... D12/196  
D804,359 S \* 12/2017 Ishii ..... D12/91  
D805,433 S \* 12/2017 Scheinhutte ..... D12/91  
D805,434 S \* 12/2017 Bischoff ..... D12/91  
D805,959 S \* 12/2017 Wheel ..... D12/91  
D805,985 S \* 12/2017 Nakamura ..... D12/196  
D807,227 S \* 1/2018 Chen ..... D12/91  
D807,228 S \* 1/2018 Woolley ..... D12/91  
D807,788 S \* 1/2018 Hatton ..... D12/91  
D808,321 S \* 1/2018 Kim ..... D12/196  
2017/0210428 A1 \* 7/2017 Hallik ..... B60R 19/34

\* cited by examiner

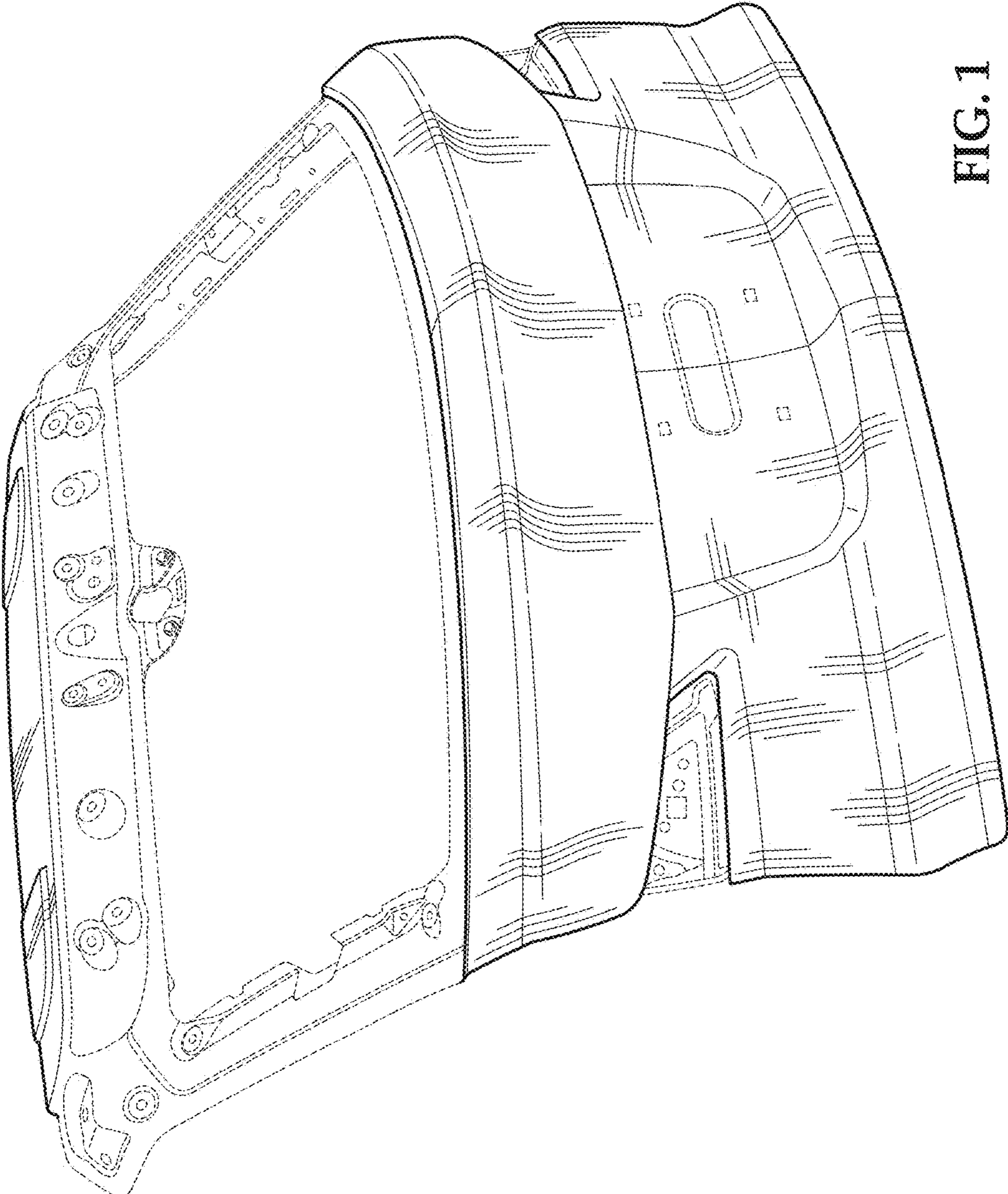


FIG. 1

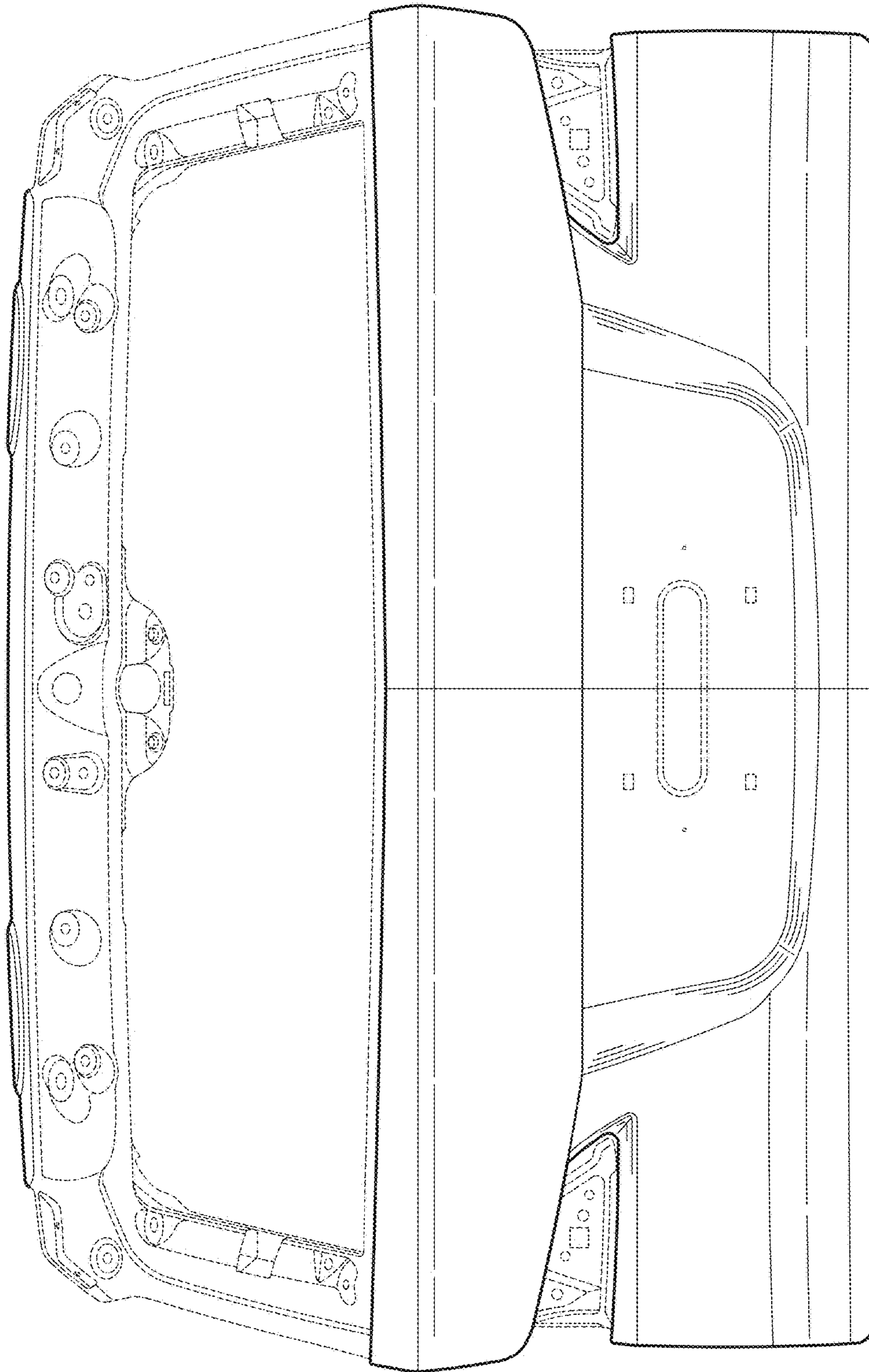


FIG. 2

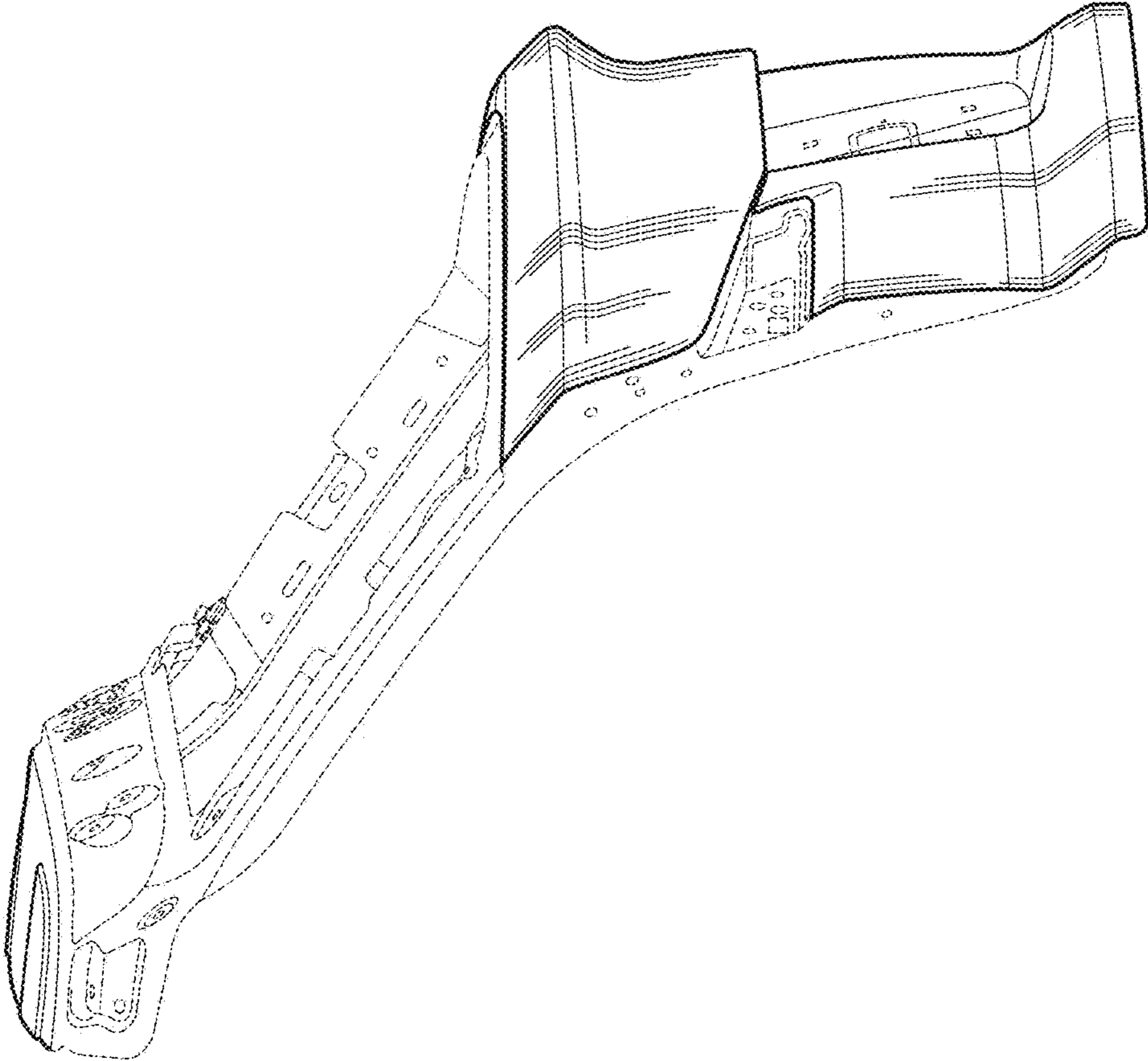


FIG. 3

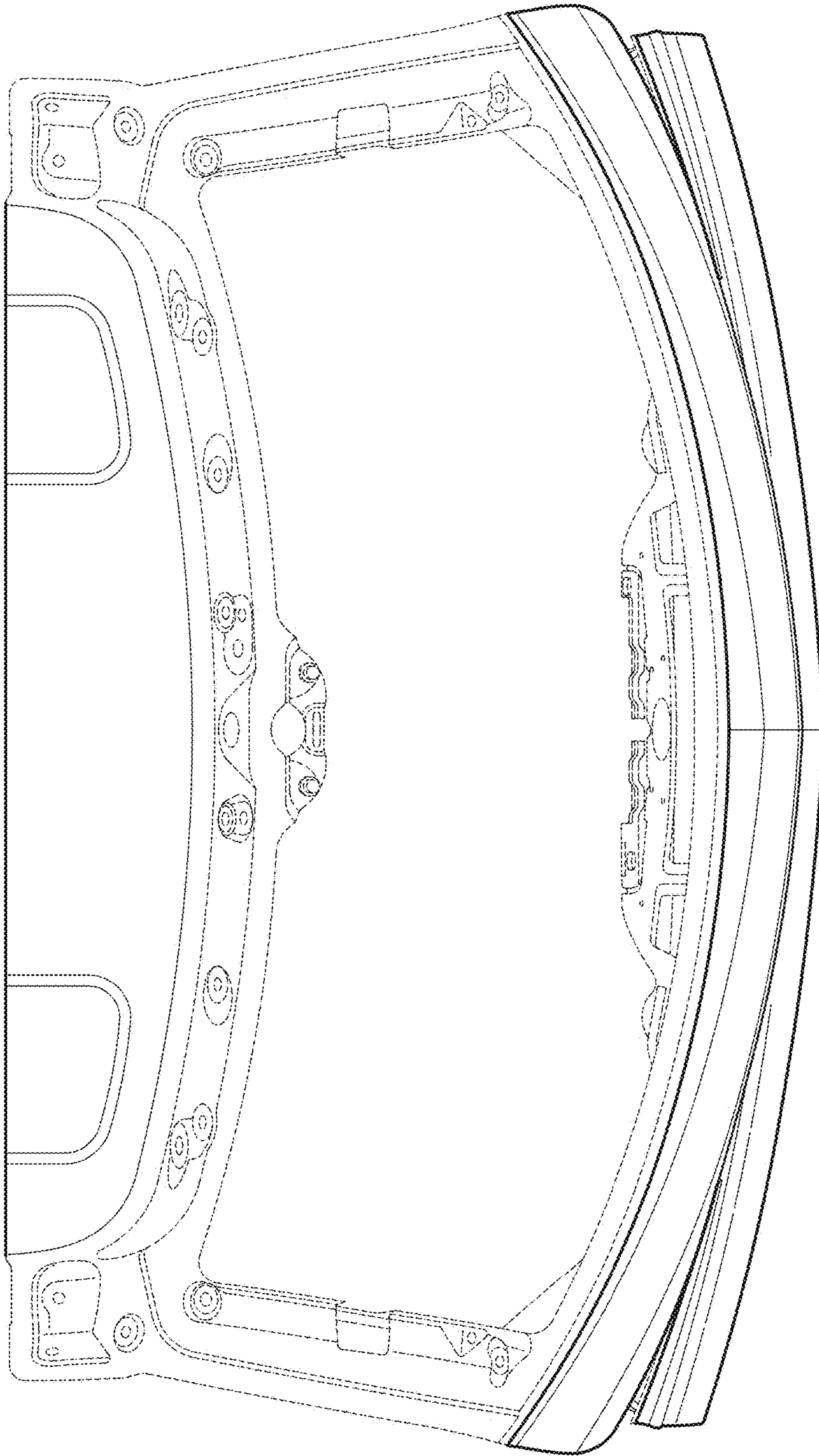


FIG. 4