



US00D849627S

(12) **United States Design Patent** (10) **Patent No.:** **US D849,627 S**
Zipfel (45) **Date of Patent:** **** May 28, 2019**

- (54) **VEHICLE ENDGATE**
- (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.: **29/609,211**
- (22) Filed: **Jun. 29, 2017**
- (51) **LOC (11) Cl.** **12-16**
- (52) **U.S. Cl.**
 USPC **D12/196**
- (58) **Field of Classification Search**
 USPC D12/181, 184, 196
 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.

- 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

(Continued)

Primary Examiner — Susan Bennett Hattan
Assistant Examiner — Suzanne E Tisdell

(57) **CLAIM**

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

DESCRIPTION

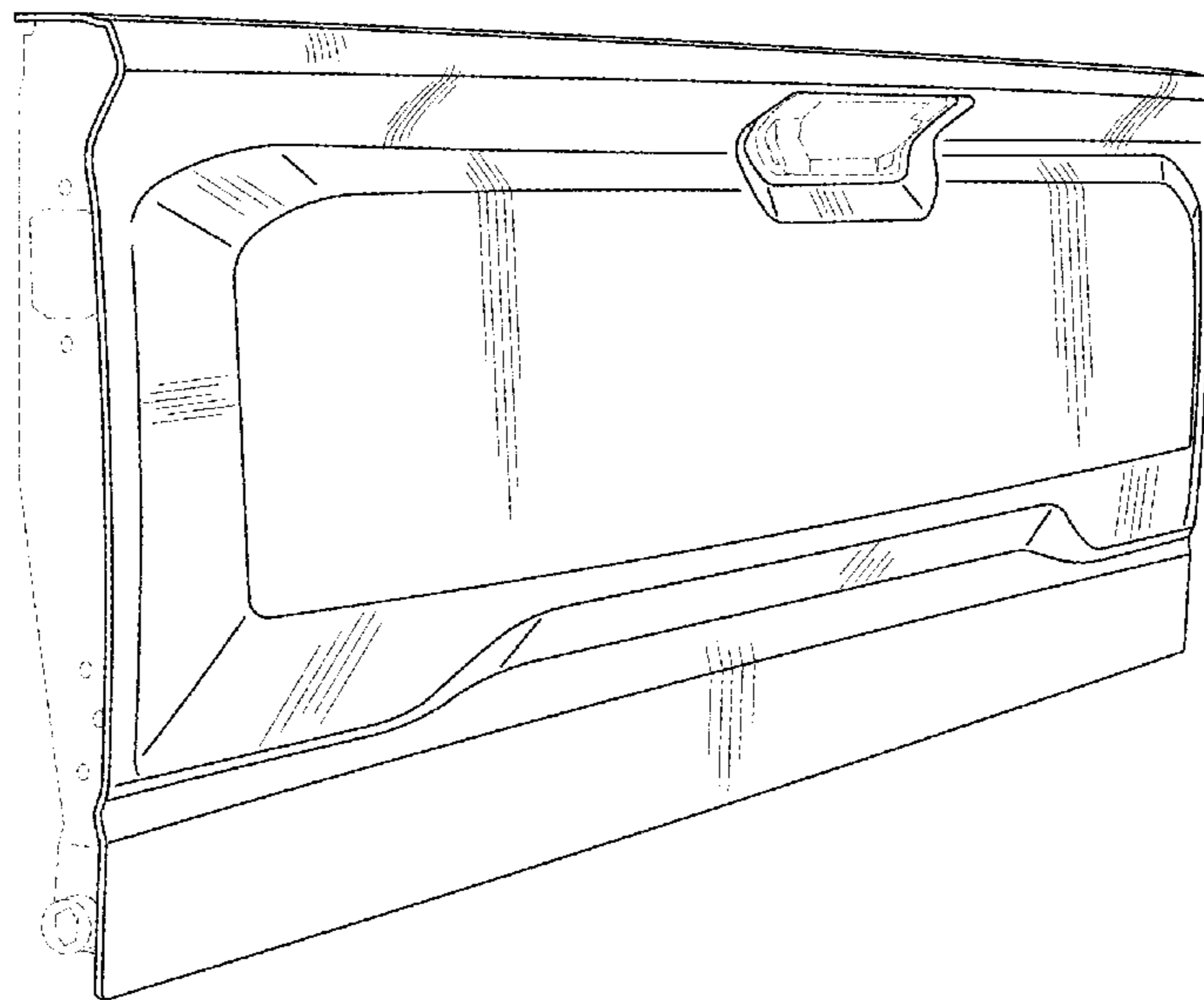
FIG. 1 is a front and left perspective view of the vehicle endgate according to the present disclosure; FIG. 2 is a left end elevation view thereof; FIG. 3 is a front elevation view thereof; and FIG. 4 is a top plan view thereof; and, FIG. 5 is a bottom plan view thereof.

The right end elevation view is omitted, because the right end elevation view is a mirror image to the left end elevation view.

The broken lines shown in the drawings depict portions of the vehicle endgate that form no part of the claimed design. The shade lines in the figures show contour and not surface ornamentation.

1 Claim, 3 Drawing Sheets

- (56) **References Cited**
- U.S. PATENT DOCUMENTS
- 4,721,333 A * 1/1988 Morio B60J 5/101
 293/146
- D499,357 S * 12/2004 Velazco D12/91
- D570,742 S 6/2008 Takagi et al.
- 7,488,022 B2 * 2/2009 Belwafa B62D 25/04
 296/187.13
- 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.



(56)

References Cited

U.S. PATENT DOCUMENTS

D657,718 S	4/2012	Zipfel et al.	D749,249 S	2/2016	Thole et al.
D659,052 S	5/2012	Ware et al.	D749,250 S	2/2016	Thole et al.
D659,053 S	5/2012	Ware et al.	D749,480 S	* 2/2016	Yu D12/196
D663,665 S	* 7/2012	Hakamata D12/196	D749,985 S	2/2016	Kozub et al.
D668,182 S	10/2012	Barba Franco et al.	D749,997 S	2/2016	McMahan et al.
D668,183 S	10/2012	Smart	D750,001 S	2/2016	Thole et al.
D678,820 S	3/2013	Son et al.	D753,032 S	4/2016	Smith et al.
D678,821 S	3/2013	Ikeda et al.	D753,033 S	4/2016	Thole et al.
D680,909 S	4/2013	Munson et al.	D753,034 S	4/2016	Thole et al.
D680,910 S	4/2013	David	D753,035 S	4/2016	Boniface et al.
D684,899 S	6/2013	Baker	D753,559 S	4/2016	McMahan et al.
D686,536 S	7/2013	McCabe et al.	D753,560 S	4/2016	McMahan et al.
D692,798 S	11/2013	Thurber	D753,567 S	4/2016	Boniface et al.
D692,799 S	11/2013	Smith et al.	D754,571 S	4/2016	Boniface et al.
D696,157 S	12/2013	Loeb	D754,572 S	4/2016	McMahan et al.
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.
D704,103 S	5/2014	Mack et al.	D764,975 S	8/2016	Aengenheyster
D705,132 S	5/2014	Ware et al.	D764,976 S	8/2016	Aengenheyster
D705,699 S	5/2014	Ware et al.	9,403,562 B2	* 8/2016	Fujii B62D 35/00
D713,298 S	9/2014	Dyson	D766,795 S	* 9/2016	Kim D12/196
D713,764 S	9/2014	Ferlazzo et al.	D767,449 S	9/2016	Pevovar et al.
D716,696 S	11/2014	Thole et al.	D767,450 S	9/2016	Lee et al.
D716,706 S	11/2014	Thole et al.	D767,451 S	9/2016	Kozub et al.
D716,709 S	11/2014	Thole et al.	D767,454 S	9/2016	McMahan et al.
D717,696 S	11/2014	Thole et al.	D767,458 S	9/2016	Kim
D718,189 S	11/2014	Krieg et al.	D767,459 S	9/2016	Kim
D718,683 S	12/2014	Thole et al.	D767,460 S	9/2016	Kozub et al.
D722,282 S	2/2015	Loeb	D767,461 S	9/2016	Kozub et al.
D722,533 S	2/2015	Thole et al.	D769,153 S	* 10/2016	Fahr-Becker D12/91
D722,534 S	2/2015	Munson et al.	D771,528 S	11/2016	Smith et al.
D724,510 S	3/2015	McMahan et al.	D771,529 S	11/2016	Thole et al.
D725,001 S	3/2015	McMahan et al.	D771,532 S	11/2016	Kapitonov
D726,591 S	4/2015	Jacob	D771,533 S	11/2016	Kapitonov
D726,615 S	* 4/2015	Wolff D12/196	D772,766 S	11/2016	Kozub et al.
D730,776 S	6/2015	Smart	D772,767 S	11/2016	Kim
D730,783 S	6/2015	Henriques et al.	D773,084 S	11/2016	Kapitonov
D732,427 S	6/2015	Loeb	D773,086 S	11/2016	McCabe et al.
D732,429 S	6/2015	Loeb	D774,226 S	12/2016	McCabe et al.
D732,430 S	6/2015	Loeb	D775,003 S	12/2016	Pevovar et al.
D732,431 S	6/2015	Loeb	D775,007 S	12/2016	Thole et al.
D732,432 S	6/2015	Aengenheyster	D775,010 S	12/2016	Kim et al.
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
D735,627 S	8/2015	Smith	D776,581 S	1/2017	Pevovar et al.
D736,128 S	* 8/2015	Blanski D12/196	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	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.
D746,730 S	1/2016	Kim et al.	D780,077 S	2/2017	Kim et al.
D747,514 S	1/2016	McMahan et al.	D780,081 S	2/2017	Lee
D747,515 S	1/2016	McMahan et al.	D780,084 S	2/2017	Scheer et al.
D747,819 S	1/2016	Thole et al.	D780,631 S	3/2017	Kozub et al.
D749,021 S	2/2016	Boniface et al.	D780,644 S	3/2017	Kim et al.
D749,026 S	2/2016	Smith et al.	D781,184 S	3/2017	Thole et al.
D749,027 S	2/2016	McMahan et al.	D781,192 S	3/2017	Kozub et al.
D749,246 S	2/2016	Thole et al.	D782,379 S	3/2017	Wassell
			D783,482 S	* 4/2017	Smith D12/196
			D784,213 S	4/2017	Karras
			D784,223 S	4/2017	Lee
			D784,226 S	4/2017	Cheng

(56)

References Cited

U.S. PATENT DOCUMENTS

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.
 D786,149 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
 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
 9,637,175 B2* 5/2017 Bogachuk B62D 25/04
 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
 D811,302 S* 2/2018 Piscitelli D12/196
 D820,183 S* 6/2018 Gueler D12/196
 2017/0210428 A1* 7/2017 Hallik B60R 19/34

* cited by examiner

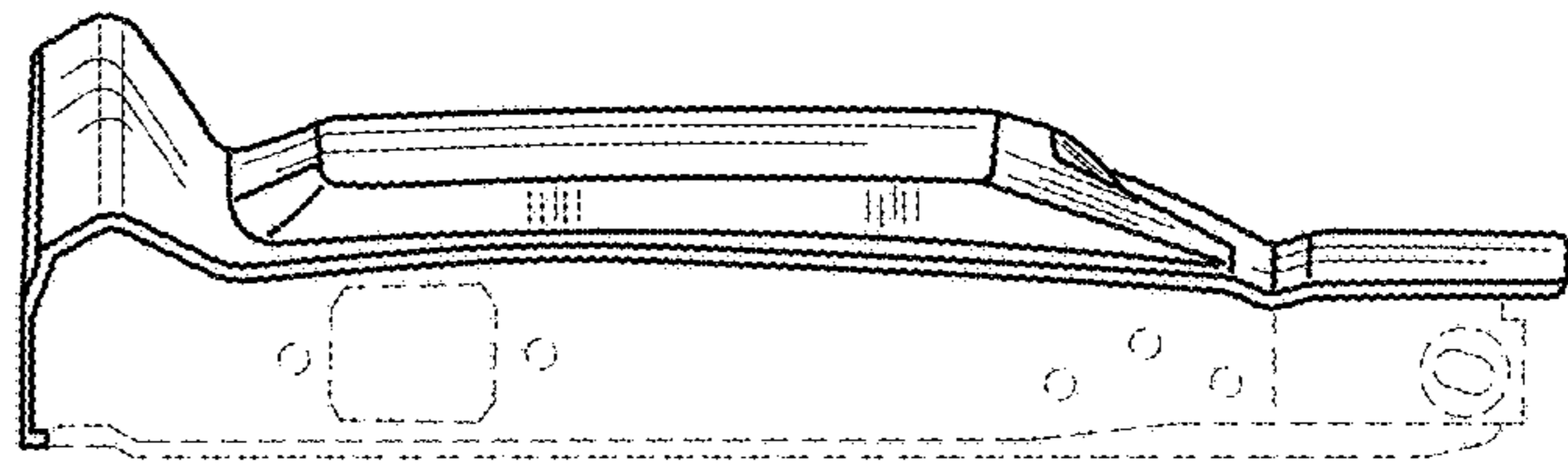


FIG - 2

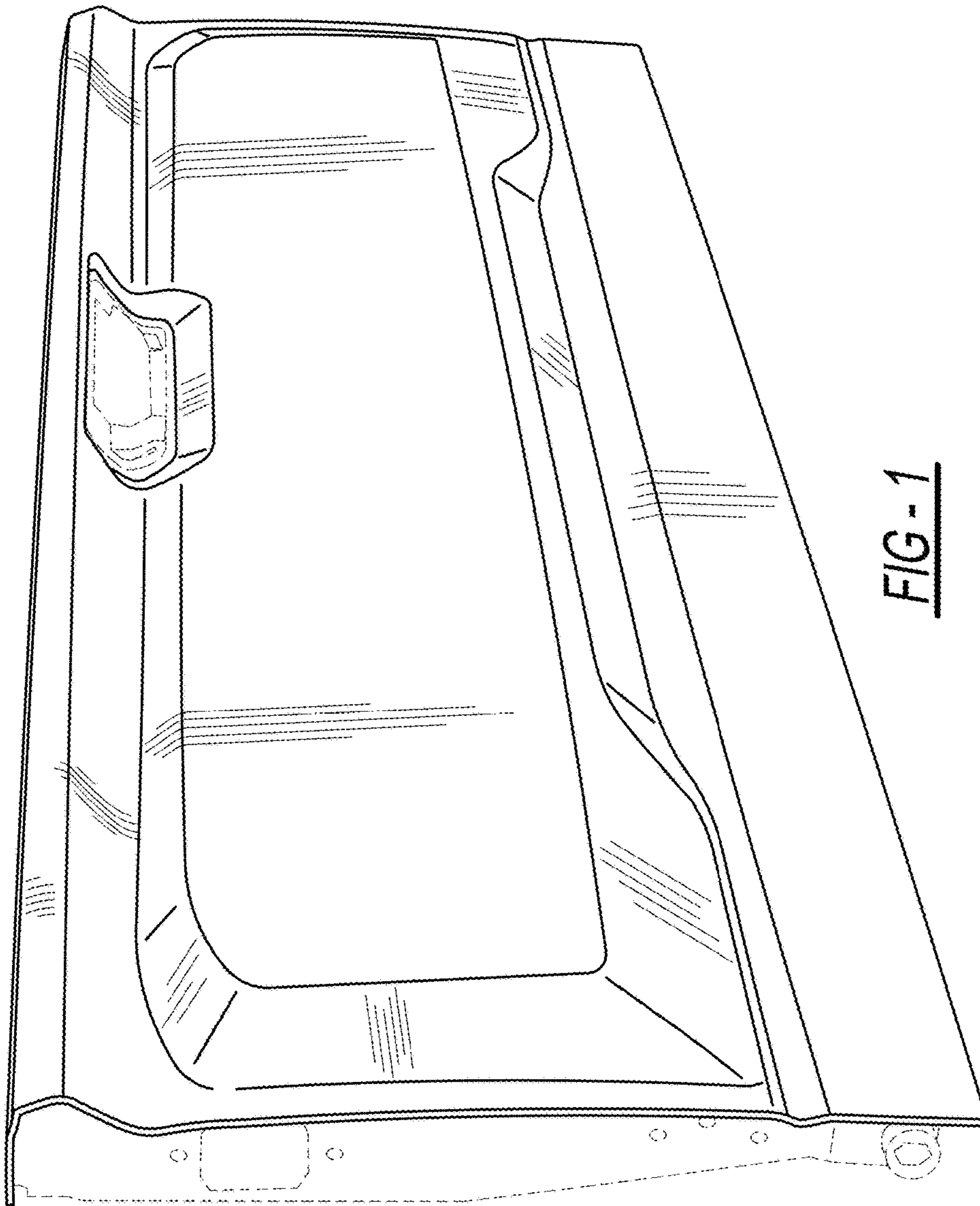


FIG - 1

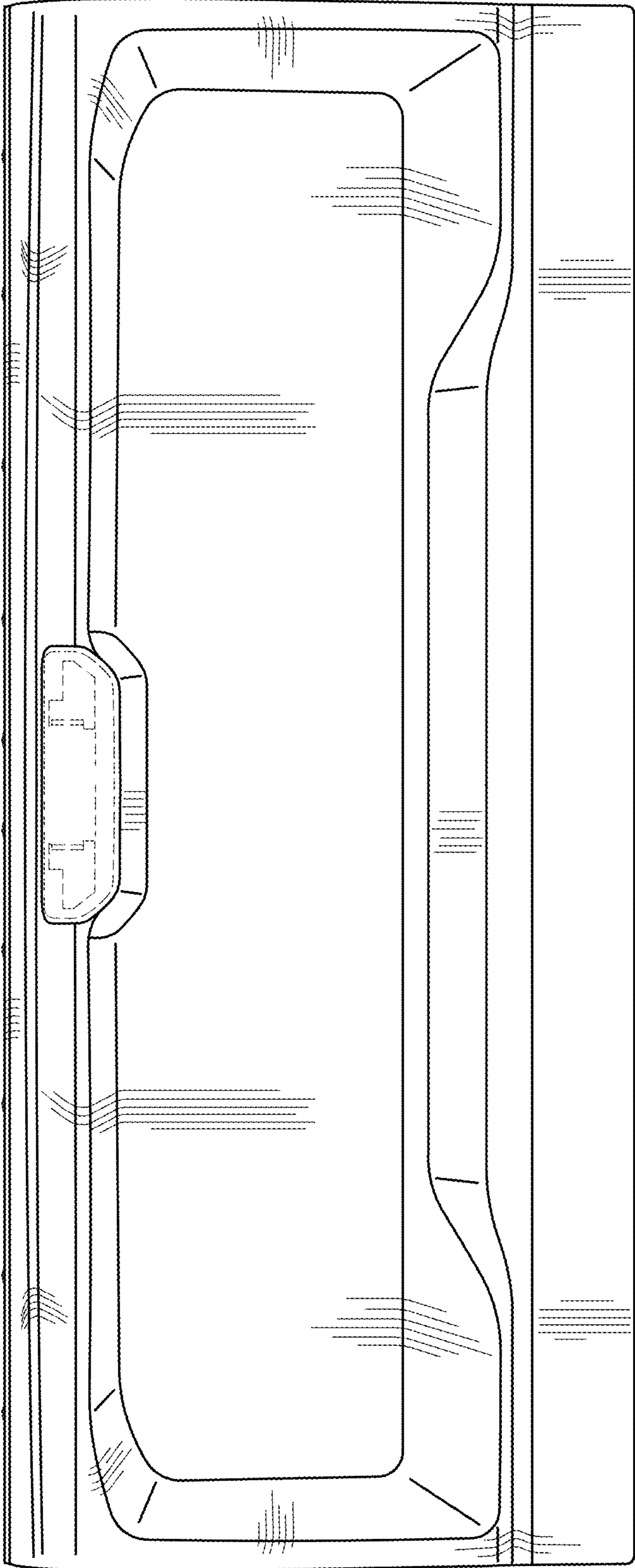


FIG - 3

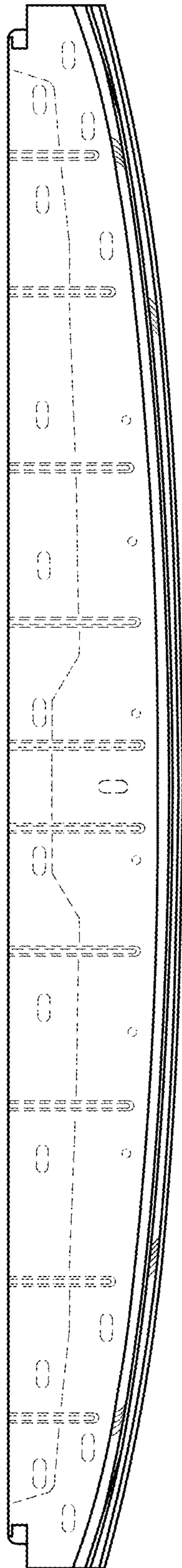


FIG-4

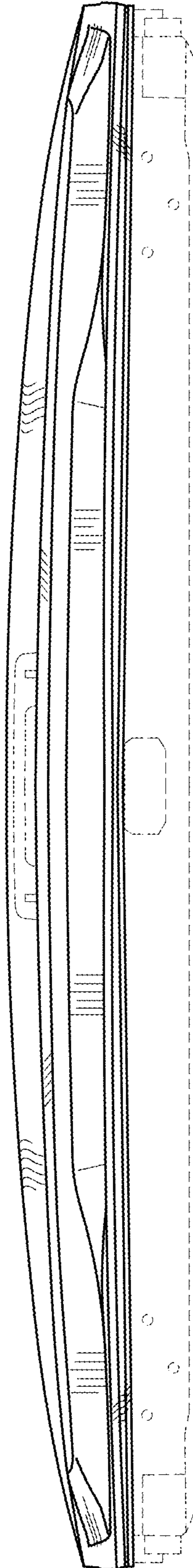


FIG-5