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(12) **United States Design Patent** (10) **Patent No.:** **US D1,083,729 S**
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(54) **VEHICLE LIFTGATE**

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(**) Term: **15 Years**

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(52) **U.S. Cl.**
USPC **D12/196**

(58) **Field of Classification Search**

USPC ... D12/1, 14, 82, 85, 86, 89, 90, 91, 92, 93,
D12/96, 97, 99, 163, 164, 167, 169, 181,
D12/183, 190, 195, 196, 400; D21/424,
D21/433, 434, 533, 578, 561
CPC B62D 25/00; B62D 25/02; B62D 25/06;
B62D 25/08; B62D 25/10; B62D 25/105;
B60J 5/00; B60J 5/04

See application file for complete search history.

D704,605 S 5/2014 Kavaja
D706,191 S 6/2014 Choi et al.
D706,692 S * 6/2014 Wheel D12/196
D708,559 S 7/2014 Kim
D708,994 S 7/2014 Thurber
D710,283 S 8/2014 O'Donnell et al.
D711,294 S 8/2014 Karras et al.
D711,298 S 8/2014 Jamieson
D715,712 S 10/2014 Thompson
D721,024 S 1/2015 Thole et al.
D723,435 S 3/2015 Thole et al.
D729,707 S 5/2015 Thole et al.
D733,018 S 6/2015 McCabe et al.
D734,222 S 7/2015 Duff et al.
D736,124 S * 8/2015 Glover D12/164
D739,798 S 9/2015 O'Donnell et al.
D743,313 S 11/2015 Smith et al.
D743,314 S 11/2015 Thole et al.
D743,864 S 11/2015 Loeb
D745,445 S 12/2015 Loeb

(Continued)

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(57)

CLAIM

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

DESCRIPTION

FIG. 1 is a front and left side perspective view of a vehicle liftgate showing my new design;

FIG. 2 is a front elevation view of the vehicle liftgate of FIG. 1;

FIG. 3 is a left side elevation view thereof;

FIG. 4 is a right side elevation view thereof;

FIG. 5 is a back elevation view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

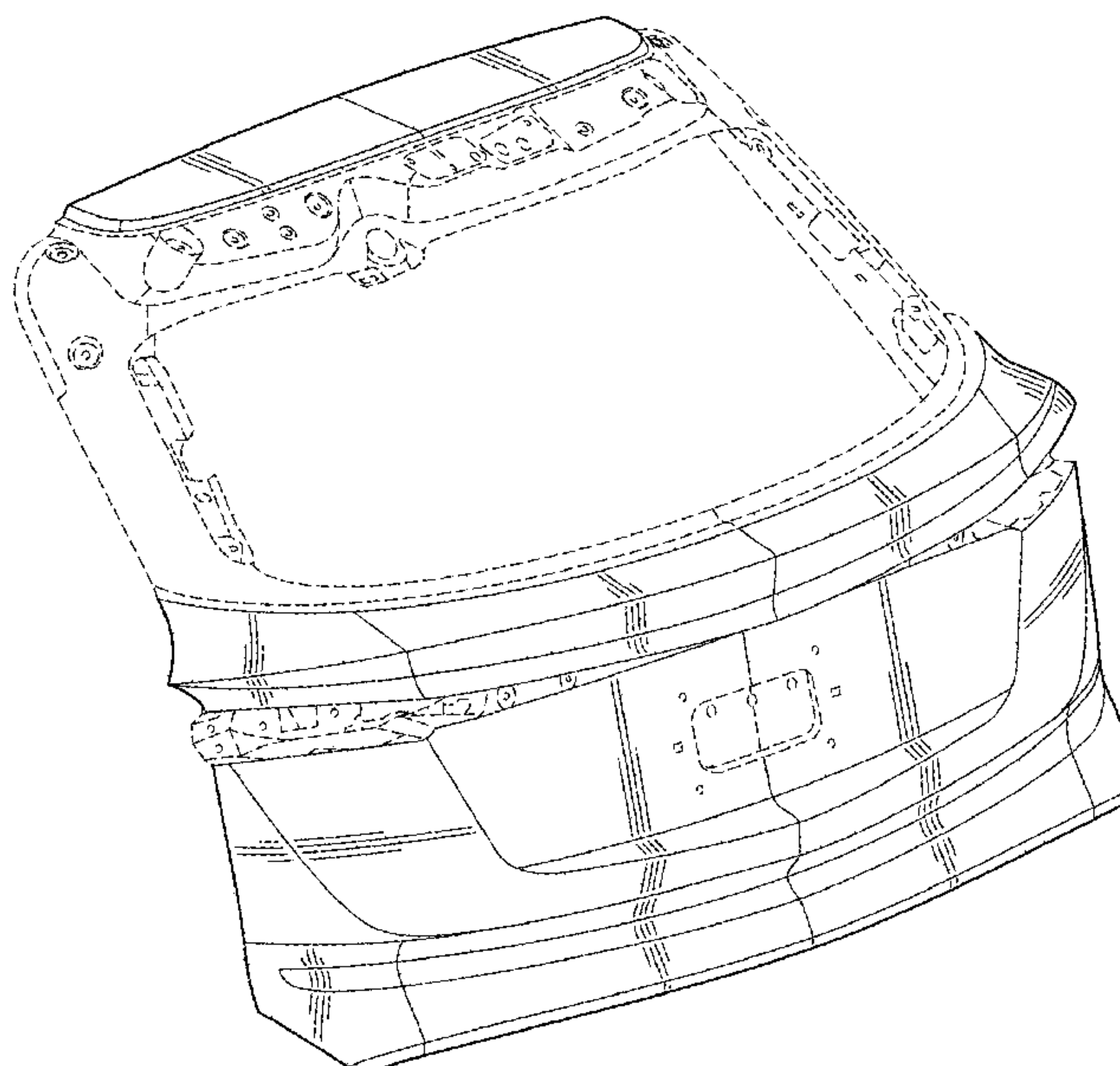
The broken lines in the drawings depict portions of the vehicle liftgate that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

D634,686 S * 3/2011 Matei D12/164
D663,658 S 7/2012 Karras et al.
D673,088 S 12/2012 Thompson
D679,636 S 4/2013 Schmeckpeper
D679,643 S 4/2013 Karras et al.
D680,931 S 4/2013 Schmeckpeper
D684,514 S 6/2013 McCabe et al.
D684,911 S 6/2013 Thurber
D697,458 S 1/2014 Won
D699,656 S * 2/2014 Watabe D12/196
D704,603 S 5/2014 Munson et al.



(56)

References Cited

U.S. PATENT DOCUMENTS

D746,206 S	12/2015	Duff et al.	D819,519 S	6/2018	Whitla et al.
D748,541 S	2/2016	Jamieson	D820,182 S	6/2018	Park
D749,997 S	2/2016	McMahan et al.	D821,949 S	* 7/2018	Bucher D12/196
D753,032 S	4/2016	Smith et al.	D822,551 S	7/2018	McMahan et al.
D753,033 S	4/2016	Thole et al.	D823,762 S	7/2018	Loeb
D753,035 S	4/2016	Boniface et al.	D823,763 S	7/2018	Koo et al.
D753,567 S	4/2016	Boniface et al.	D828,246 S	9/2018	Loeb
D758,271 S	6/2016	McMahan et al.	D828,261 S	9/2018	Moffett et al.
D761,177 S	* 7/2016	Behmer D12/196	D829,143 S	9/2018	McMahan et al.
D766,146 S	9/2016	Kapitonov	D835,557 S	12/2018	Whitla et al.
D766,789 S	9/2016	Kapitonov	D839,163 S	1/2019	Pinazzo et al.
D766,795 S	9/2016	Kim et al.	D840,306 S	2/2019	Kozub
D767,454 S	9/2016	McMahan et al.	D841,547 S	2/2019	Zipfel et al.
D767,459 S	9/2016	Kim	D843,904 S	3/2019	Kim
D767,461 S	9/2016	Kozub et al.	D845,186 S	4/2019	Koo et al.
D769,782 S	10/2016	Kozub et al.	D845,188 S	4/2019	Pinazzo et al.
D776,021 S	1/2017	Kapitonov	D845,189 S	4/2019	Pinazzo et al.
D776,581 S	1/2017	Pevovar et al.	D846,457 S	4/2019	Koo et al.
D778,212 S	2/2017	Kozub et al.	D846,458 S	4/2019	Mack et al.
D780,077 S	2/2017	Kim et al.	D847,043 S	4/2019	Kozub
D783,482 S	4/2017	Smith et al.	D847,045 S	4/2019	Whitla et al.
D784,886 S	4/2017	Smith et al.	D847,046 S	4/2019	Whitla et al.
D787,989 S	5/2017	Kozub et al.	D847,047 S	4/2019	Krieg et al.
D788,001 S	5/2017	Lee	D847,703 S	5/2019	Kozub
D789,575 S	6/2017	Willett	D848,909 S	5/2019	Lee
D789,849 S	6/2017	Lee	D848,911 S	5/2019	De Leon
D792,294 S	7/2017	McCabe et al.	D849,627 S	5/2019	Zipfel
D793,294 S	8/2017	Lee	D849,629 S	5/2019	De Leon
D793,295 S	8/2017	McCabe et al.	D849,630 S	5/2019	De Leon
D793,299 S	8/2017	Krieg et al.	D851,558 S	6/2019	Thurber et al.
D793,300 S	8/2017	Krieg et al.	D851,559 S	6/2019	Thurber et al.
D797,616 S	9/2017	Lee	D853,924 S	7/2019	Riggs et al.
D797,631 S	9/2017	Pevovar et al.	D854,462 S	7/2019	Lee
D797,632 S	9/2017	Zipfel et al.	D855,504 S	8/2019	Lee
D798,784 S	10/2017	Kim	D855,505 S	8/2019	Thurber et al.
D800,030 S	10/2017	Jung	D855,507 S	8/2019	Blanski et al.
D800,031 S	10/2017	Jung	D856,242 S	8/2019	Blanski et al.
D800,613 S	10/2017	Park	D857,260 S	8/2019	Kil et al.
D800,614 S	10/2017	Park	D858,377 S	9/2019	Riggs et al.
D800,616 S	10/2017	Jang	D859,237 S	9/2019	Koo et al.
D801,236 S	10/2017	Kozub et al.	D859,238 S	9/2019	Smith et al.
D801,237 S	10/2017	Jang	D859,239 S	9/2019	Sullivan et al.
D801,882 S	11/2017	Kozub et al.	D859,252 S	9/2019	Krieg
D801,889 S	11/2017	Han	D859,253 S	9/2019	Izard
D803,746 S	11/2017	Han	D859,254 S	9/2019	Izard
D804,370 S	12/2017	Kozub et al.	D860,077 S	9/2019	Riggs et al.
D804,371 S	12/2017	Whitla et al.	D860,079 S	9/2019	Sullivan et al.
D805,441 S	12/2017	Karras	D863,142 S	10/2019	Zipfel
D805,985 S	12/2017	Nakamura	D863,169 S	10/2019	Whitla et al.
D811,958 S	3/2018	Zipfel et al.	D867,949 S	11/2019	Thurber et al.
D811,959 S	3/2018	Perkins	D868,660 S	12/2019	De Leon
D811,961 S	3/2018	Sullivan	D873,751 S	1/2020	De Leon
D811,962 S	3/2018	Sullivan	D877,005 S	3/2020	Luke et al.
D811,963 S	3/2018	Sullivan	D877,006 S	3/2020	Luke et al.
D811,965 S	3/2018	Moffett et al.	D881,087 S	4/2020	Luke et al.
D813,110 S	3/2018	Whitla et al.	D882,479 S	* 4/2020	Tomasson D12/196
D813,111 S	3/2018	Sullivan	D897,255 S	9/2020	Zipfel
D813,116 S	3/2018	Park	D897,919 S	10/2020	Choi et al.
D813,117 S	3/2018	Sullivan	D900,692 S	* 11/2020	Lim D12/196
D813,740 S	3/2018	Park	D902,800 S	11/2020	Gay
D813,741 S	3/2018	Perkins	D902,801 S	11/2020	Gay
D813,742 S	3/2018	McMahan et al.	D903,568 S	12/2020	Choi et al.
D813,743 S	3/2018	Lee	D908,560 S	1/2021	Choi et al.
D813,744 S	3/2018	Whitla et al.	D909,263 S	2/2021	Choi et al.
D813,748 S	3/2018	Kim	D914,569 S	* 3/2021	Matsuoka D12/196
D813,753 S	3/2018	Loeb	D918,102 S	5/2021	Choi et al.
D813,754 S	3/2018	Loeb	D918,794 S	5/2021	Choi et al.
D813,755 S	3/2018	Loeb	D918,796 S	5/2021	Ruiz
D813,756 S	3/2018	Loeb	D919,501 S	5/2021	Gay
D815,572 S	4/2018	Perkins	D919,506 S	5/2021	Schmeckpeper
D816,003 S	4/2018	Perkins	D919,513 S	5/2021	Zhao et al.
D816,563 S	5/2018	McMahan et al.	D919,532 S	5/2021	Ruiz
D816,565 S	5/2018	Kim	D919,533 S	5/2021	Zhao et al.
D817,836 S	5/2018	McMahan et al.	D919,535 S	5/2021	Walendowsky
D818,922 S	5/2018	Whitla et al.	D920,188 S	5/2021	Choi et al.
			D920,192 S	5/2021	Ruiz
			D924,746 S	7/2021	Smith
			D924,765 S	7/2021	Hunwick
			D925,410 S	7/2021	Park

(56)

References Cited

U.S. PATENT DOCUMENTS

D925,424 S

7/2021

Kozub

D930,521 S

9/2021

Choi et al.

D930,522 S

9/2021

Hunwick

D930,540 S

9/2021

Lee

D930,541 S

9/2021

Theis

D931,158 S

9/2021

Theis et al.

D931,176 S

9/2021

Choi et al.

D937,726 S

*

12/2021

Meyer

D12/196

D938,866 S

12/2021

Theis

D944,144 S

2/2022

Ruiz

D950,436 S

5/2022

Chen et al.

D950,437 S

5/2022

Kil

D950,449 S

5/2022

Kil

D951,840 S

*

5/2022

Cho

D12/196

D955,932 S

6/2022

Jevremovic

D955,937 S

6/2022

Chen et al.

D957,298 S

7/2022

Kil

D960,781 S

8/2022

Jie et al.

D960,782 S

8/2022

Jie et al.

D960,786 S

8/2022

Kil

D960,805 S

8/2022

Ruiz

D960,806 S

8/2022

Wassell

D965,491 S

10/2022

Hunwick

D969,700 S

11/2022

Malczewski

D970,400 S

11/2022

Jevremovic

D974,258 S

1/2023

Jie et al.

D974,259 S

1/2023

Chen et al.

D978,036 S

2/2023

Choi et al.

D980,768 S

*

3/2023

Frascella

D12/196

D1,001,036 S

*

10/2023

Depeyster

D12/196

D1,010,531 S

*

1/2024

Malachowski

D12/196

D1,018,413 S

*

3/2024

Choi

D12/196

D1,023,882 S

*

4/2024

Moffett

D12/196

D1,024,887 S

*

4/2024

Seo

D12/196

D1,026,770 S

*

5/2024

Peplowski

D12/196

D1,027,767 S

*

5/2024

Huang

D12/196

D1,045,728 S

*

10/2024

Jung

D12/196

D1,054,941 S

*

12/2024

Yu

D12/181

D1,068,598 S

*

4/2025

Kim

D12/196

* cited by examiner

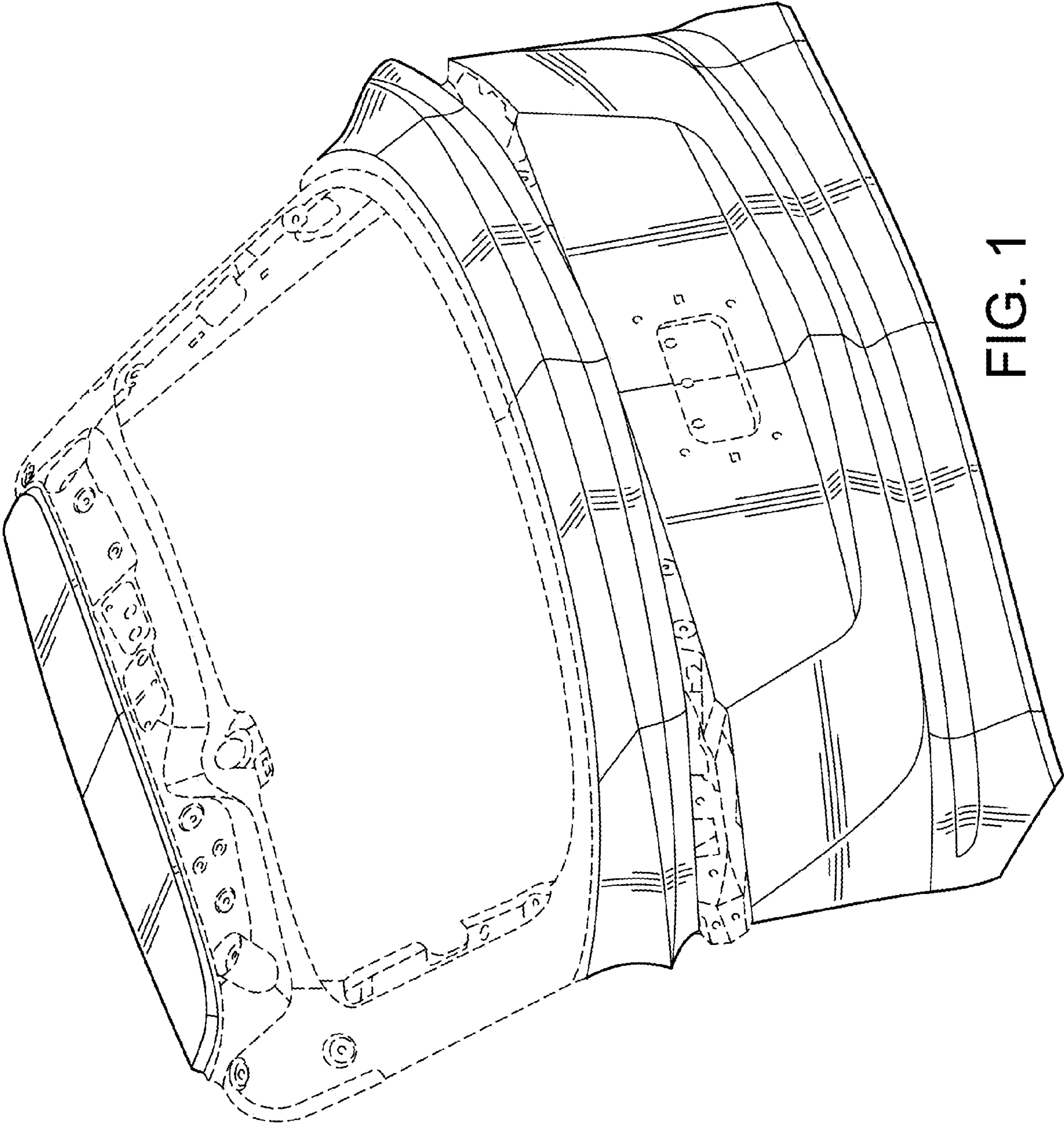


FIG. 1

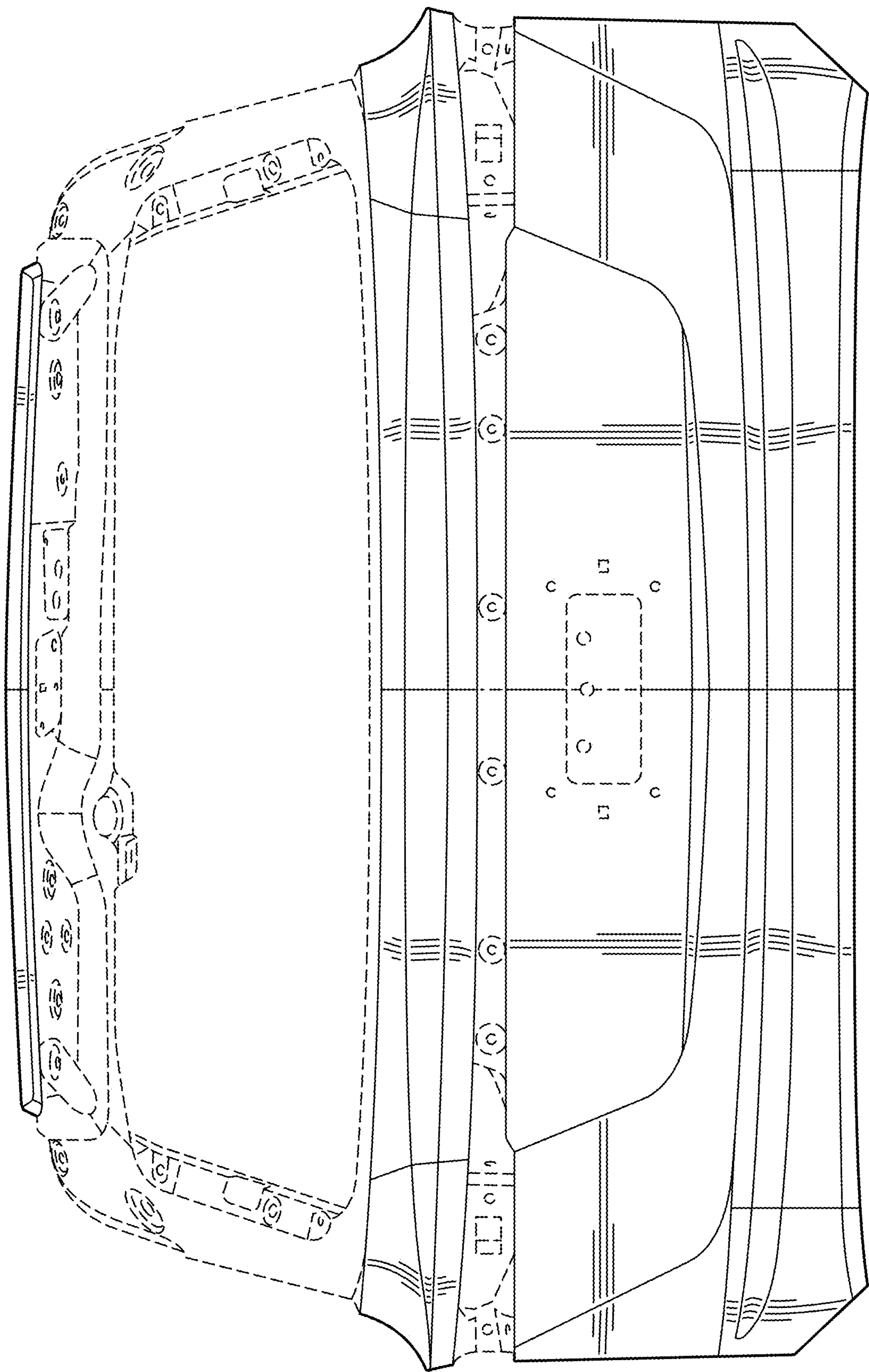


FIG. 2

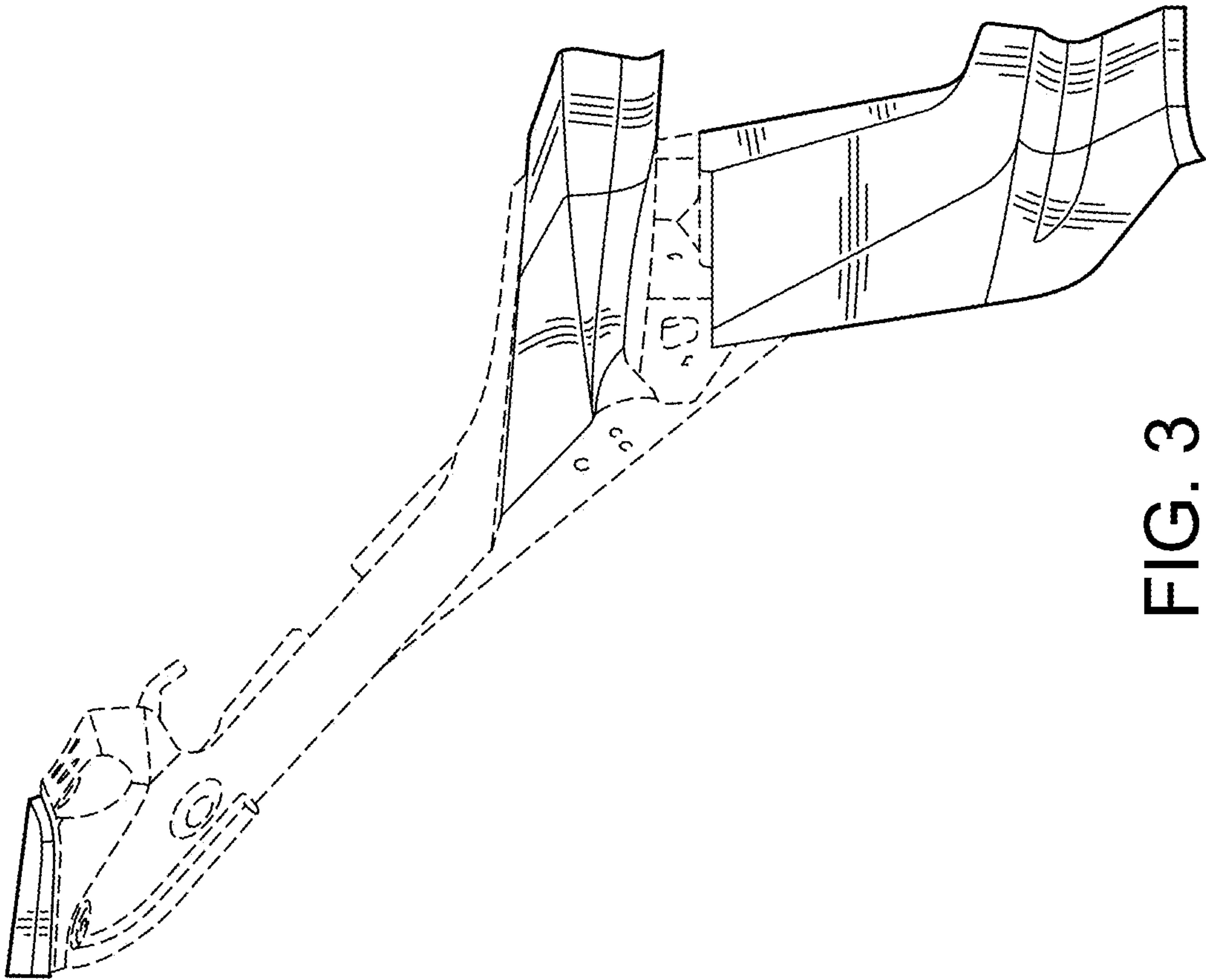


FIG. 3

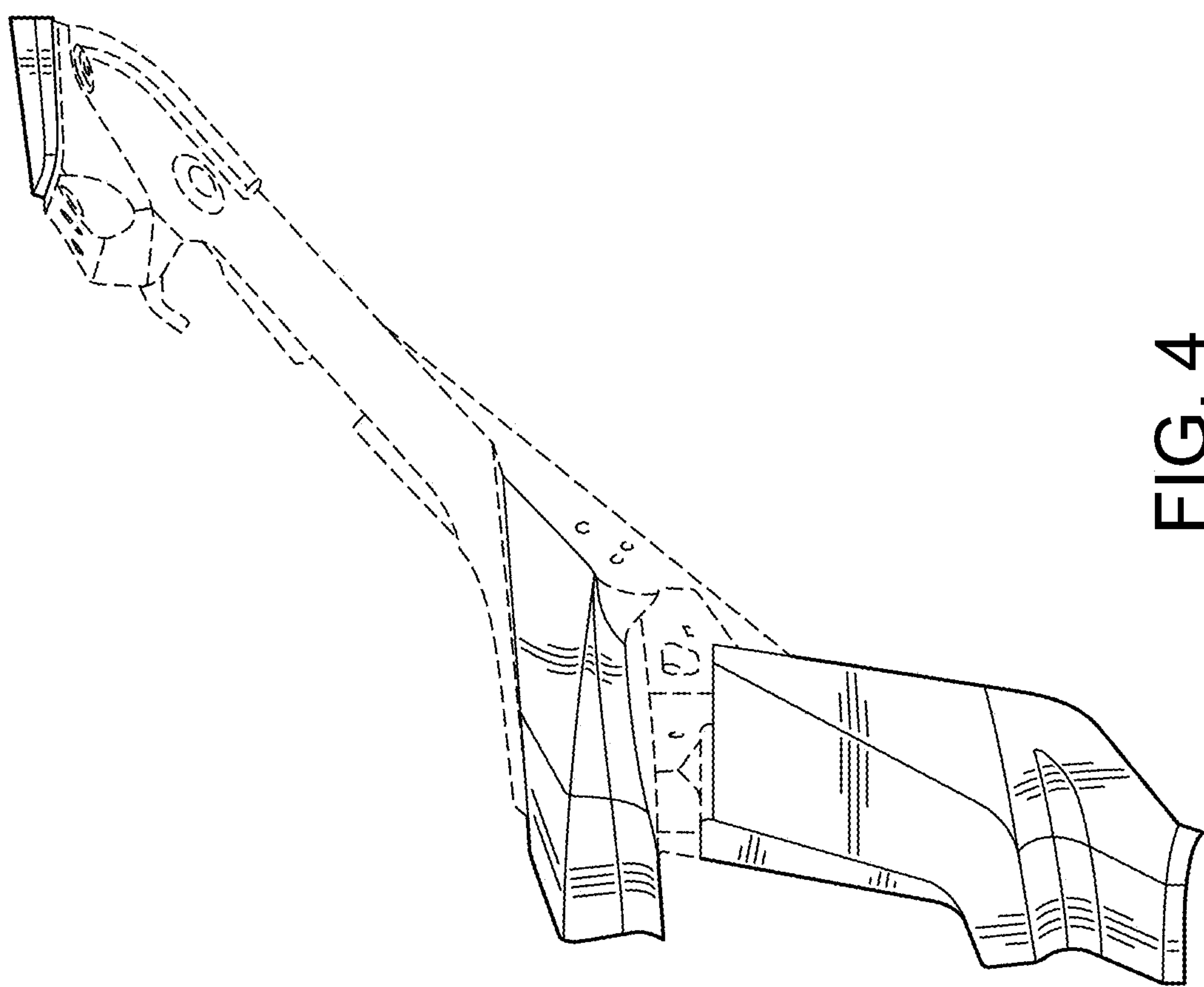


FIG. 4

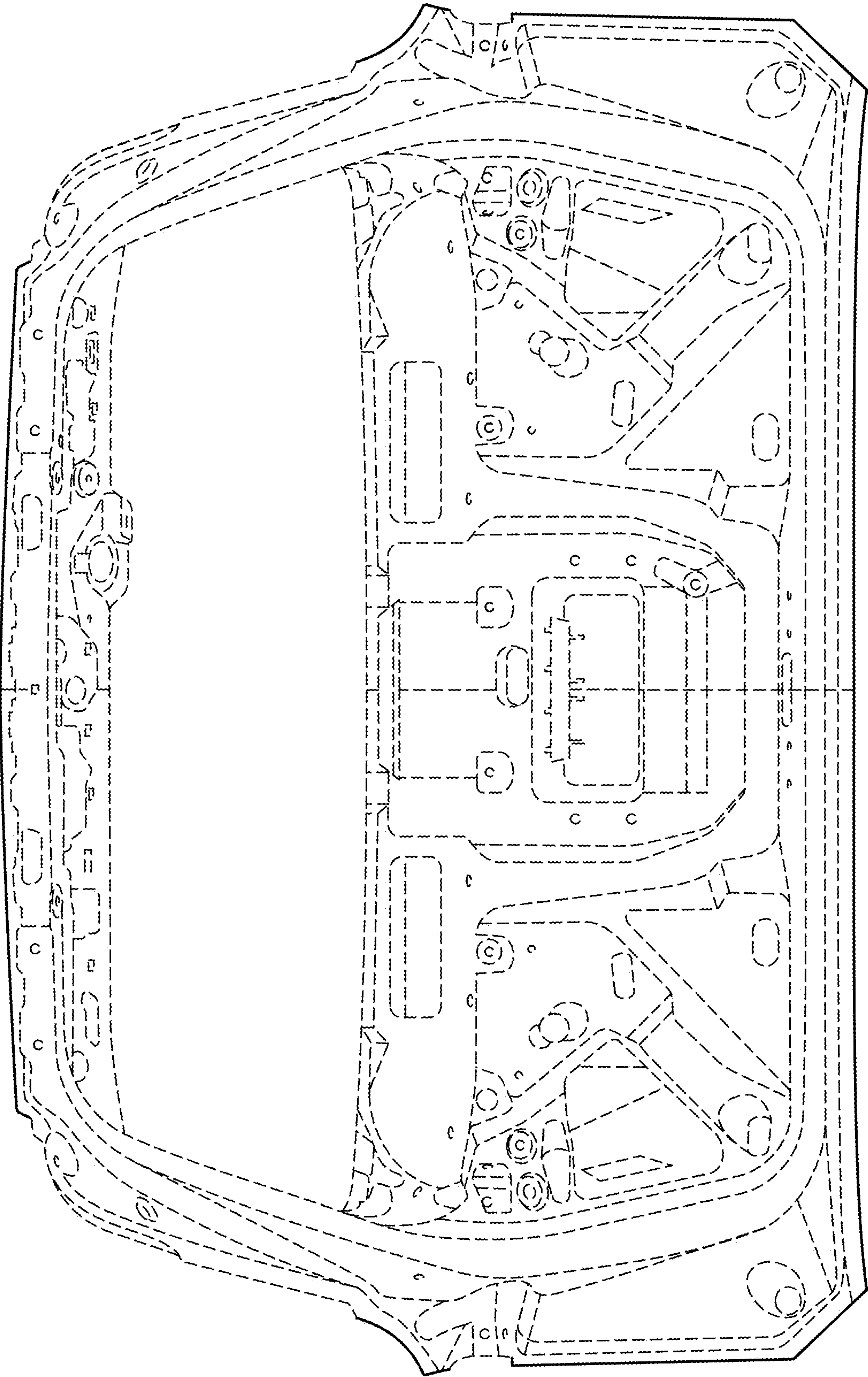


FIG. 5

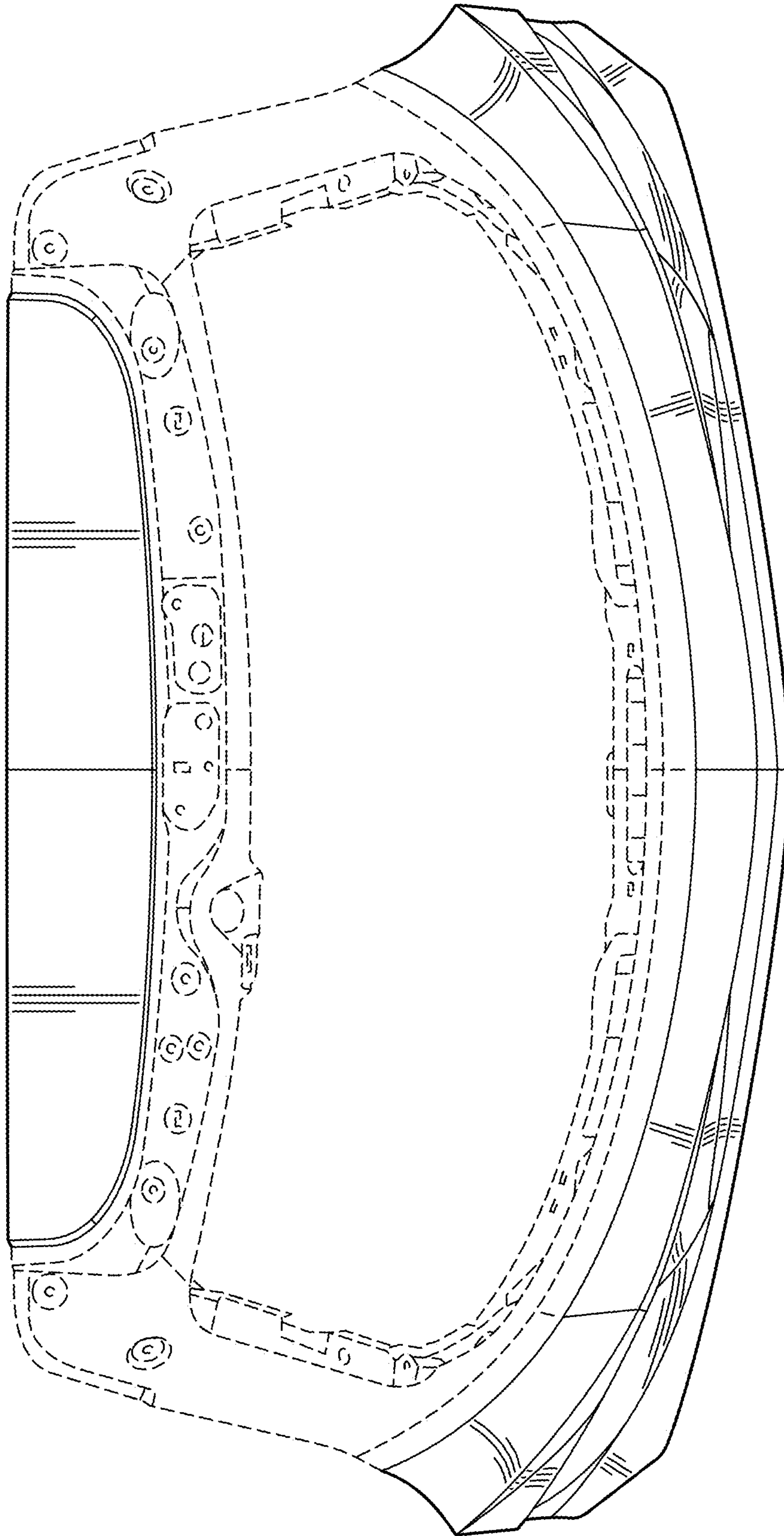


FIG. 6

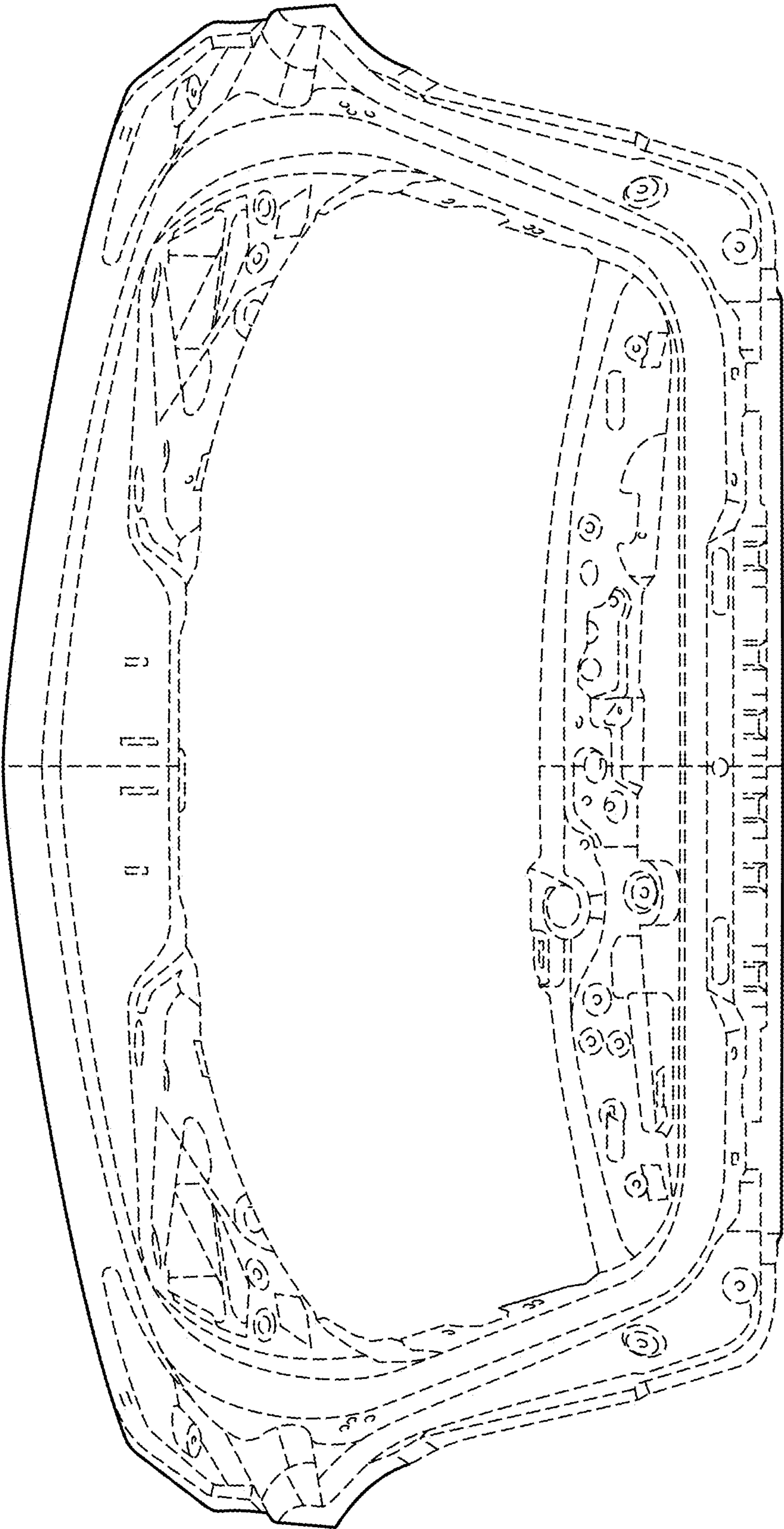


FIG. 7