



US00D855508S

(12) **United States Design Patent** (10) **Patent No.:** **US D855,508 S**
Wilkins et al. (45) **Date of Patent:** **** Aug. 6, 2019**

(54) **VEHICLE FRONT SKID BAR**
(71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)
(72) Inventors: **Benjamin Wilkins**, Royal Oak, MI (US); **Brian M. Izard**, Northville, MI (US)
(73) Assignee: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)
(**) Term: **15 Years**
(21) Appl. No.: **29/645,849**
(22) Filed: **Apr. 30, 2018**
(51) **LOC (12) Cl.** **12-16**
(52) **U.S. Cl.**
USPC **D12/169**; D12/167; D12/172
(58) **Field of Classification Search**
USPC D12/86, 90, 91, 92, 163, 164, 167, 169, D12/171, 172, 196, 216
CPC B60R 19/02; B60R 19/18; B60R 19/24; B60R 19/56; B60R 2019/007
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D539,711 S * 4/2007 Fujimaki D12/169
D544,417 S * 6/2007 Kono D12/169
D570,742 S 6/2008 Takagi et al.
D592,105 S 5/2009 Dean et al.
D594,391 S * 6/2009 Bhambra D12/169
D597,447 S 8/2009 Folden
D600,595 S 9/2009 Nakamura et al.
D600,606 S * 9/2009 Lamm D12/169
D601,063 S * 9/2009 Lamm D12/169
D601,925 S 10/2009 O'Donnell
D603,308 S * 11/2009 Schiavone D12/169

D603,755 S 11/2009 Peters
D603,765 S * 11/2009 Youn D12/169
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.

(Continued)

Primary Examiner — Darlington Ly

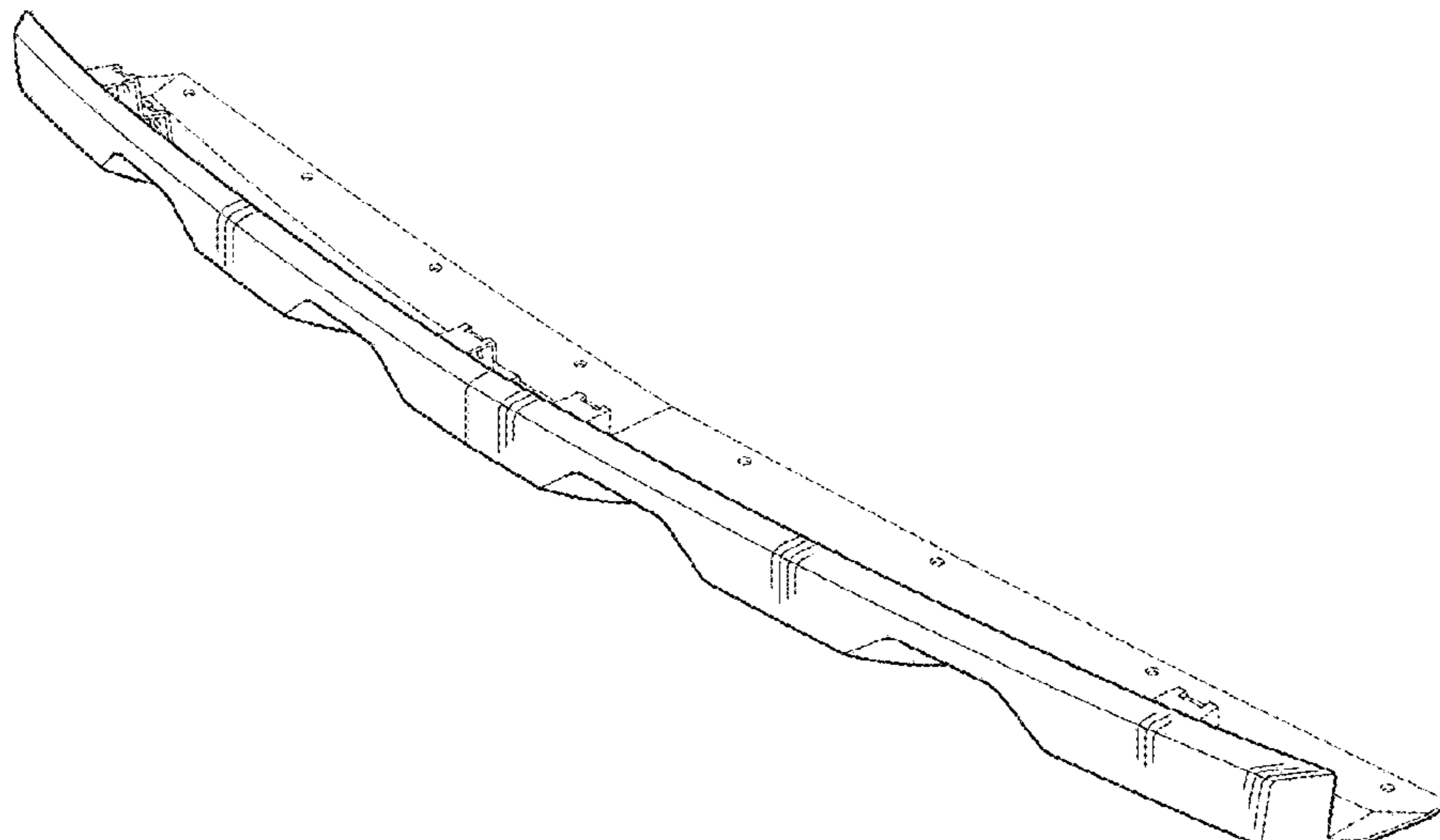
(57) **CLAIM**

The ornamental design for a vehicle front skid bar, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the vehicle front skid bar; 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 bottom view thereof. The broken lines in the drawings illustrate portions of the vehicle front skid bar that form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D664,903 S	*	8/2012	Platto	.....	D12/169	D747,514 S	1/2016	McMahan et al.
D668,182 S		10/2012	Barba Franco et al.			D747,515 S	1/2016	McMahan et al.
D668,183 S		10/2012	Smart			D747,819 S	1/2016	Thole et al.
D669,003 S	*	10/2012	Koizumi	.....	D12/169	D749,021 S	2/2016	Boniface et al.
D678,820 S		3/2013	Son et al.			D749,026 S	2/2016	Smith et al.
D678,821 S		3/2013	Ikeda et al.			D749,027 S	2/2016	McMahan et al.
D680,909 S		4/2013	Munson et al.			D749,246 S	2/2016	Thole et al.
D680,910 S		4/2013	David			D749,249 S	2/2016	Thole et al.
D683,672 S	*	6/2013	Platto	.....	D12/169	D749,250 S	2/2016	Thole et al.
D684,899 S		6/2013	Baker			D749,470 S	*	2/2016 Behmer
D686,536 S		7/2013	McCabe et al.			D749,985 S	2/2016	Kozub et al.
D692,798 S		11/2013	Thurber			D749,997 S	2/2016	McMahan et al.
D692,799 S		11/2013	Smith et al.			D750,001 S	2/2016	Thole et al.
D696,157 S		12/2013	Loeb			D753,032 S	4/2016	Smith et al.
D699,168 S	*	2/2014	Osborne	.....	D12/169	D753,033 S	4/2016	Thole et al.
D699,629 S		2/2014	Ikeda et al.			D753,034 S	4/2016	Thole et al.
D700,871 S		3/2014	O'Donnell et al.			D753,035 S	4/2016	Boniface et al.
D703,103 S		4/2014	Lee			D753,559 S	4/2016	McMahan et al.
D704,103 S		5/2014	Mack et al.			D753,560 S	4/2016	McMahan et al.
D705,132 S		5/2014	Ware et al.			D753,562 S	*	4/2016 Wolff
D705,699 S		5/2014	Ware et al.			D753,567 S	4/2016	Boniface et al.
D710,264 S	*	8/2014	Watkins	.....	D12/169	D754,571 S	4/2016	Boniface et al.
D713,298 S		9/2014	Dyson			D754,572 S	4/2016	McMahan et al.
D713,764 S		9/2014	Ferlazzo et al.			D755,088 S	5/2016	McMahan et al.
D716,696 S		11/2014	Thole et al.			D756,869 S	5/2016	McMahan et al.
D716,706 S		11/2014	Thole et al.			D758,271 S	6/2016	McMahan et al.
D716,709 S		11/2014	Thole et al.			D762,147 S	*	7/2016 Messale
D717,696 S		11/2014	Thole et al.			D764,975 S	8/2016	Aengenheyster
D718,189 S		11/2014	Krieg et al.			D764,976 S	8/2016	Aengenheyster
D718,683 S		12/2014	Thole et al.			D767,449 S	9/2016	Pevovar et al.
D721,622 S	*	1/2015	Platto	.....	D12/169	D767,450 S	9/2016	Lee et al.
D721,623 S	*	1/2015	Platto	.....	D12/169	D767,451 S	9/2016	Kozub et al.
D722,282 S		2/2015	Loeb			D767,454 S	9/2016	McMahan et al.
D722,533 S		2/2015	Thole et al.			D767,458 S	9/2016	Kim
D722,534 S		2/2015	Munson et al.			D767,459 S	9/2016	Kim
D724,510 S		3/2015	McMahan et al.			D767,460 S	9/2016	Kozub et al.
D725,001 S		3/2015	McMahan et al.			D767,461 S	9/2016	Kozub et al.
D726,591 S		4/2015	Jacob			D771,528 S	11/2016	Smith et al.
D730,776 S		6/2015	Smart			D771,529 S	11/2016	Thole et al.
D730,783 S		6/2015	Henriques et al.			D771,532 S	11/2016	Kapitonov
D731,371 S	*	6/2015	Morikawa	.....	D12/169	D771,533 S	*	11/2016 Kapitonov
D732,427 S		6/2015	Loeb			D771,536 S	*	11/2016 Wolff
D732,429 S		6/2015	Loeb			D772,766 S	11/2016	Kozub et al.
D732,430 S		6/2015	Loeb			D772,767 S	11/2016	Kim
D732,431 S		6/2015	Loeb			D773,084 S	11/2016	Kapitonov
D732,432 S		6/2015	Aengenheyster			D773,086 S	11/2016	McCabe et al.
D732,433 S		6/2015	Aengenheyster			D774,226 S	12/2016	McCabe et al.
D732,435 S		6/2015	Mackay			D774,428 S	*	12/2016 Davidson
D733,002 S		6/2015	Loeb			D775,003 S	12/2016	Pevovar et al.
D735,611 S		8/2015	Aengenheyster			D775,007 S	12/2016	Thole et al.
D735,627 S		8/2015	Smith			D775,010 S	12/2016	Kim et al.
D736,451 S		8/2015	Smith			D775,049 S	12/2016	Scheer et al.
D739,306 S		9/2015	McMahan et al.			D775,549 S	1/2017	Karras
D739,315 S	*	9/2015	Blanski	.....	D12/169	D775,554 S	1/2017	Kapitonov
D739,317 S		9/2015	McMahan et al.			D776,020 S	1/2017	Kapitonov
D740,726 S	*	10/2015	Platto	.....	D12/169	D776,581 S	1/2017	Pevovar et al.
D741,223 S		10/2015	Kim et al.			D776,583 S	1/2017	Scheer et al.
D743,309 S		11/2015	Thole et al.			D776,841 S	1/2017	Kozub et al.
D743,313 S		11/2015	Smith et al.			D776,843 S	1/2017	McCabe et al.
D743,314 S		11/2015	Thole et al.			D776,846 S	1/2017	Willett et al.
D743,857 S		11/2015	McMahan et al.			D777,359 S	1/2017	Kozub et al.
D744,158 S		11/2015	Willett et al.			D777,360 S	1/2017	Kozub et al.
D744,915 S	*	12/2015	Curic	.....	D12/169	D777,361 S	1/2017	Kozub et al.
D744,916 S	*	12/2015	Curic	.....	D12/169	D777,604 S	1/2017	McNerney
D745,086 S		12/2015	Finos et al.			D777,605 S	1/2017	Ferlazzo et al.
D745,719 S		12/2015	Boniface et al.			D777,620 S	1/2017	Pevovar et al.
D745,725 S		12/2015	McMahan et al.			D777,621 S	1/2017	Kim
D745,726 S		12/2015	McMahan et al.			D777,622 S	1/2017	Kozub et al.
D745,837 S		12/2015	Smith et al.			D777,628 S	1/2017	Kozub et al.
D746,726 S		1/2016	Smith et al.			D777,955 S	1/2017	Willett et al.
D746,727 S		1/2016	Smith et al.			D778,212 S	2/2017	Kozub et al.
D746,728 S		1/2016	Smith et al.			D778,215 S	2/2017	Kozub et al.
D746,729 S		1/2016	Boniface et al.			D780,064 S	2/2017	Smith et al.
D746,730 S		1/2016	Kim et al.			D780,067 S	2/2017	Zipfel et al.
D746,734 S	*	1/2016	Wolff	.....	D12/169	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.

(56)

References Cited

U.S. PATENT DOCUMENTS

D780,644 S	3/2017	Kim et al.	D797,632 S	9/2017	Zipfel et al.
D781,184 S	3/2017	Thole et al.	D797,967 S	9/2017	Barry
D781,192 S	3/2017	Kozub et al.	D797,970 S	9/2017	Mainville
D782,379 S	3/2017	Wassell	D797,971 S	9/2017	Mainville
D783,482 S	4/2017	Smith et al.	D797,972 S	9/2017	Whitla et al.
D784,213 S	4/2017	Karras	D798,204 S	9/2017	Mainville
D784,223 S	4/2017	Lee	D799,384 S	10/2017	Kozub et al.
D784,226 S	4/2017	Cheng	D799,385 S	10/2017	Kozub et al.
D784,579 S	4/2017	Cheng et al.	D799,386 S	10/2017	Kozub et al.
D784,877 S	4/2017	Lee	D799,728 S	10/2017	Whitla et al.
D784,886 S	4/2017	Smith et al.	D801,236 S	10/2017	Kozub et al.
D785,521 S	5/2017	Smith et al.	D801,577 S	10/2017	Ruiz
D786,149 S	5/2017	Pevovar et al.	D801,882 S	11/2017	Kozub et al.
D786,743 S	5/2017	Smith et al.	D802,205 S	11/2017	Ruiz
D786,750 S	5/2017	Lee	D802,478 S	11/2017	Perkins
D787,446 S	5/2017	Cockerill	D802,491 S	11/2017	Mainville
D787,984 S	5/2017	Fang	D802,496 S	11/2017	Mainville
D787,988 S	5/2017	Lee	D802,502 S	11/2017	McMahan
D787,989 S	5/2017	Kozub et al.	D803,727 S	11/2017	Noone et al.
D787,990 S	5/2017	Kozub et al.	D803,731 S	11/2017	Zipfel
D787,992 S	5/2017	Lee	D804,370 S	12/2017	Kozub et al.
D787,993 S	5/2017	McCabe et al.	D804,371 S	12/2017	Whitla et al.
D788,001 S	5/2017	Lee	D804,372 S	12/2017	Kozub
D788,641 S	6/2017	Arnold	D804,378 S	12/2017	Perkins
D788,644 S	6/2017	Mueller	D804,379 S	12/2017	McMahan
D788,645 S	6/2017	Mueller	D805,006 S	12/2017	Nakamura
D789,250 S	6/2017	Arnold	D805,013 S	12/2017	Whitla
D789,260 S	6/2017	Smith	D805,014 S	12/2017	Zipfel
D789,575 S	6/2017	Willet	D805,441 S	12/2017	Karras
D789,841 S	6/2017	Malczewski	D805,964 S	12/2017	Whitla
D789,849 S	6/2017	Lee	D805,965 S	12/2017	Davis
D791,018 S	7/2017	Mylenek	D805,966 S	12/2017	Perkins
D791,644 S	7/2017	Fang	D805,985 S	12/2017	Nakamura
D792,290 S	7/2017	Smith et al.	D807,232 S	1/2018	Bailie
D792,293 S	7/2017	McCabe et al.	D807,239 S	1/2018	Perkins
D792,294 S	7/2017	McCabe et al.	D807,240 S	1/2018	Perkins
D792,295 S	7/2017	McCabe et al.	D807,241 S	1/2018	Perkins
D792,815 S	7/2017	Kozub	D809,442 S	2/2018	Zipfel et al.
D792,816 S	7/2017	Kozub	D811,269 S	2/2018	Thompson et al.
D793,290 S	8/2017	Kozub	D811,942 S	3/2018	Jacob
D793,292 S	8/2017	Lee	D811,957 S	3/2018	Whitla et al.
D793,293 S	8/2017	Lee et al.	D811,958 S	3/2018	Zipfel et al.
D793,294 S	8/2017	Lee	D811,959 S	3/2018	Perkins
D793,295 S	8/2017	McCabe et al.	D811,960 S	3/2018	Nakamura
D793,296 S	8/2017	Smith et al.	D811,961 S	3/2018	Sullivan
D793,297 S	* 8/2017	Smith D12/169	D811,962 S	3/2018	Sullivan
D793,299 S	8/2017	Kreig et al.	D811,963 S	3/2018	Sullivan
D793,300 S	8/2017	Kreig et al.	D811,964 S	3/2018	Perkins
D793,301 S	* 8/2017	Kozub D12/169	D811,965 S	3/2018	Perkins
D793,302 S	* 8/2017	Kozub D12/169	D811,965 S	3/2018	Moffett et al.
D793,311 S	8/2017	Whitla et al.	D812,525 S	3/2018	Lee
D793,590 S	8/2017	Kozub et al.	D812,526 S	3/2018	Zipfel et al.
D793,591 S	8/2017	Kozub et al.	D812,527 S	3/2018	Perkins
D793,917 S	8/2017	Kozub	D812,528 S	3/2018	Nakamura
D793,918 S	8/2017	Kozub	D813,098 S	3/2018	Thompson et al.
D794,229 S	8/2017	Barry	D813,109 S	3/2018	Zipfel et al.
D794,230 S	8/2017	Kozub	D813,110 S	3/2018	Whitla et al.
D795,747 S	8/2017	Bailie	D813,111 S	3/2018	Sullivan
D795,757 S	8/2017	Pevovar et al.	D813,116 S	3/2018	Park
D795,758 S	8/2017	Karras	D813,117 S	3/2018	Sullivan
D795,759 S	8/2017	Kozub et al.	D813,121 S	3/2018	Swaneger
D795,760 S	8/2017	Kozub et al.	D813,730 S	3/2018	Zipfel et al.
D795,762 S	8/2017	Lee	D813,731 S	3/2018	McMahan
D795,763 S	8/2017	Kozub	D813,732 S	3/2018	Whitla et al.
D796,088 S	8/2017	McCabe et al.	D813,733 S	3/2018	Lee
D796,093 S	8/2017	Mainville	D813,734 S	3/2018	Nakamura
D796,390 S	9/2017	Pevovar et al.	D813,740 S	3/2018	Park
D797,537 S	9/2017	Cooper et al.	D813,741 S	3/2018	Perkins
D797,603 S	9/2017	Noone et al.	D813,742 S	3/2018	McMahan et al.
D797,614 S	9/2017	Lee	D813,743 S	3/2018	Lee
D797,616 S	9/2017	Lee	D813,744 S	3/2018	Whitla et al.
D797,619 S	* 9/2017	Jung D12/169	D813,748 S	3/2018	Kim
D797,624 S	9/2017	Nakamura	D813,753 S	3/2018	Loeb
D797,625 S	9/2017	Perkins	D813,754 S	3/2018	Loeb
D797,631 S	9/2017	Pevovar et al.	D813,755 S	3/2018	Loeb
			D813,756 S	3/2018	Loeb
			D813,757 S	3/2018	Kozub
			D813,758 S	3/2018	Gonzales
			D813,759 S	3/2018	Perkins
			D814,369 S	4/2018	Loeb

(56)

References Cited

U.S. PATENT DOCUMENTS

D814,982 S	4/2018	Whitla et al.
D814,983 S	4/2018	Whitla et al.
D815,570 S	4/2018	McMahan et al.
D815,572 S	4/2018	Perkins
D815,573 S	4/2018	Whitla et al.
D815,574 S	4/2018	Mainville
D815,993 S	4/2018	Kozub et al.
D815,994 S	4/2018	Nakamura
D816,003 S	4/2018	Perkins

* cited by examiner

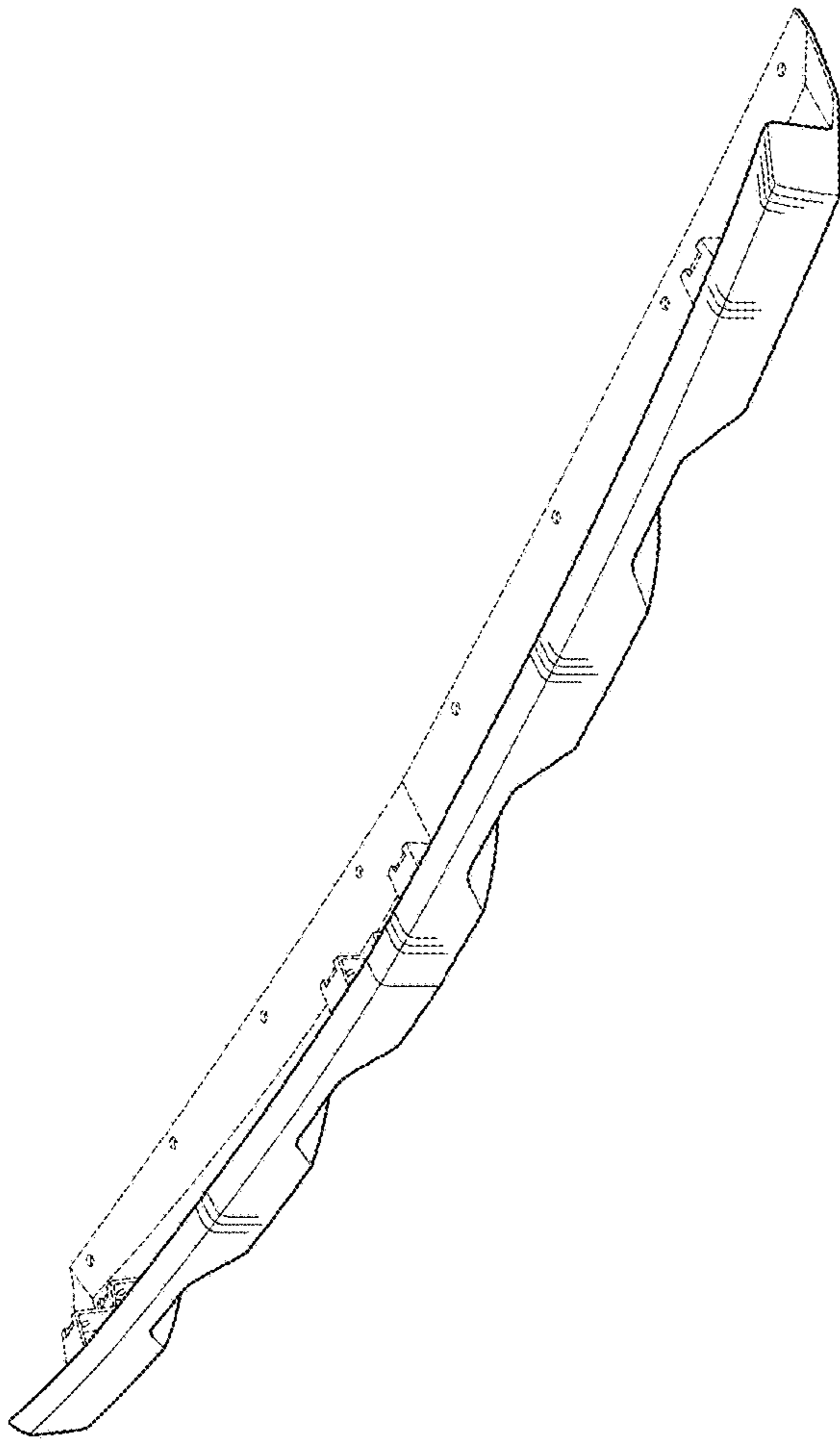


FIG. 1

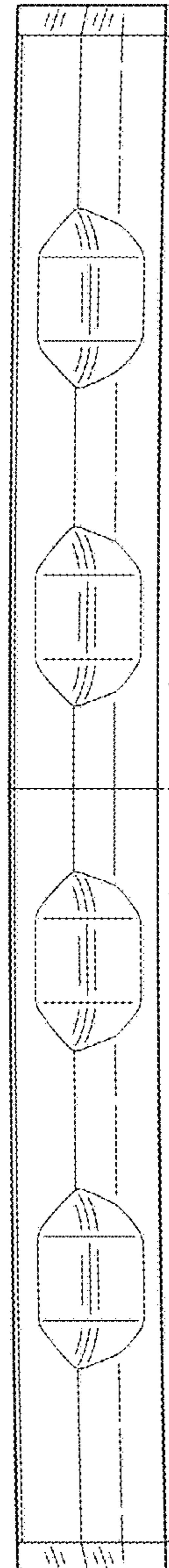


FIG. 2

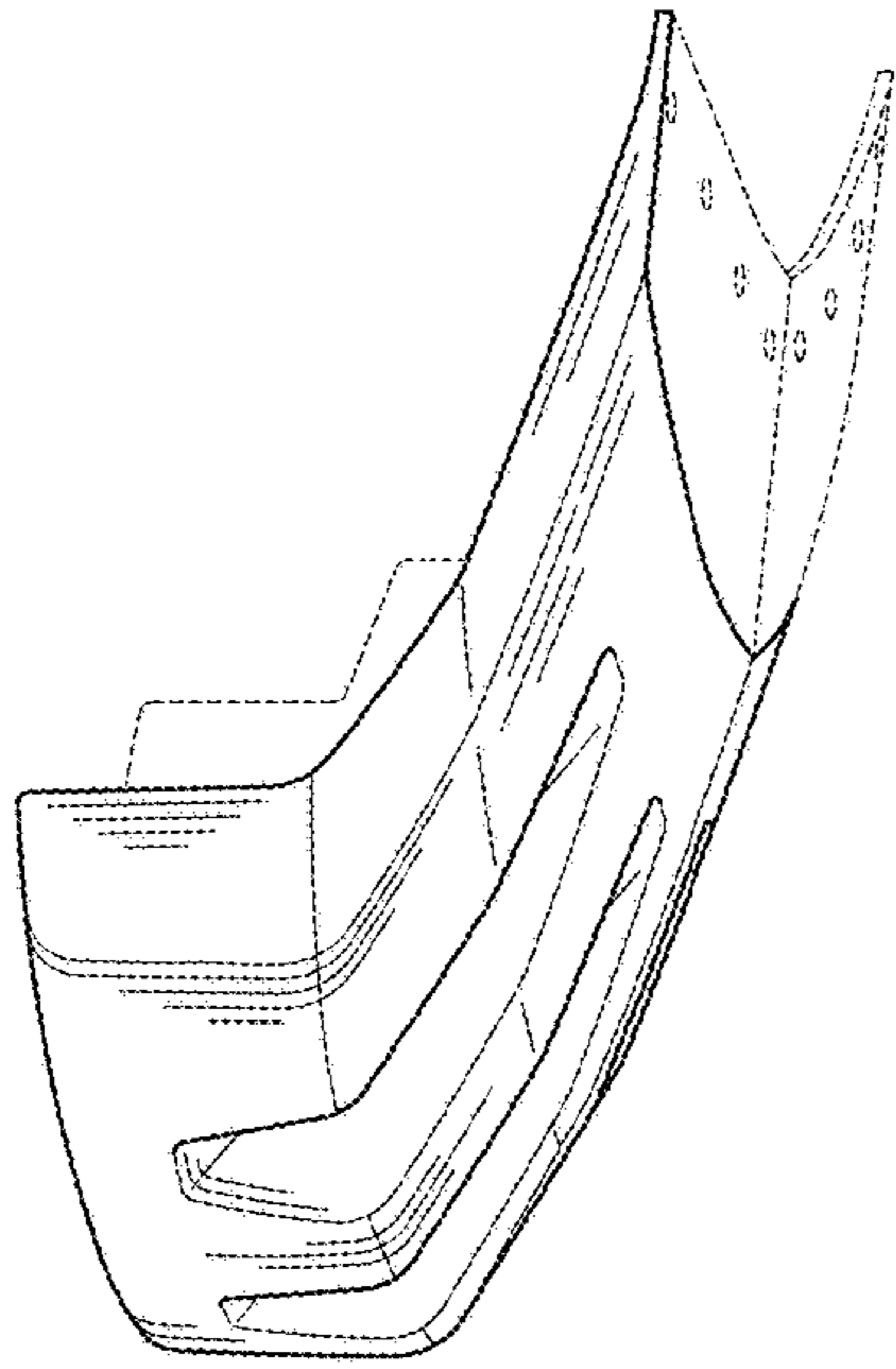


FIG. 3

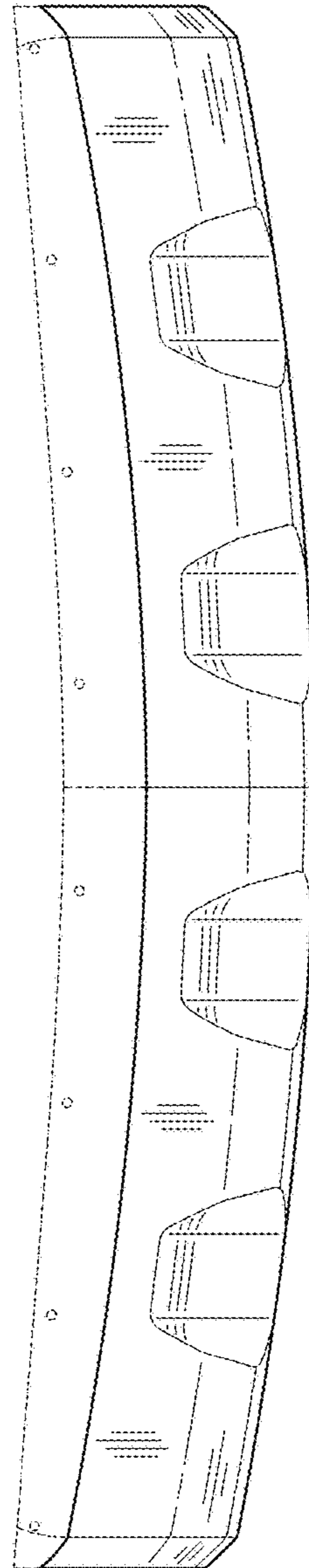


FIG. 4