



US00D874362S

(12) **United States Design Patent** (10) **Patent No.:** **US D874,362 S**
Izard (45) **Date of Patent:** **** Feb. 4, 2020**

- (54) **VEHICLE FRONT LOWER BUMPER MOLDING**
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- (**) Term: **15 Years**
- (21) Appl. No.: **29/642,258**
- (22) Filed: **Mar. 28, 2018**
- (51) **LOC (12) Cl.** **12-16**
- (52) **U.S. Cl.**
USPC **D12/169**
- (58) **Field of Classification Search**
USPC D12/169, 196, 86, 90-92; 293/102, 113, 293/115, 117, 120; 296/180.1, 180.2
CPC B60R 19/02; B60R 19/04; B62D 25/08
See application file for complete search history.

- 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.
- D668,182 S 10/2012 Barba Franco et al.
- D668,183 S 10/2012 Smart
- D678,820 S 3/2013 Son et al.

(Continued)

Primary Examiner — Melody N Brown

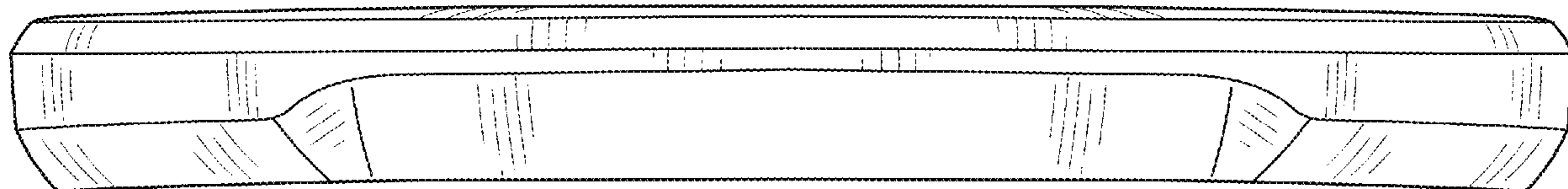
(57) **CLAIM**

The ornamental design for a vehicle front lower bumper molding, as shown and described.

DESCRIPTION

FIG. 1 is a front and left side perspective view of a vehicle front lower bumper molding showing my new design; FIG. 2 is a left end elevation view thereof; FIG. 3 is a front elevation view thereof; and, FIG. 4 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 front lower bumper molding that form no part of the claimed design. The shade lines in the figures show contour and not surface ornamentation.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D678,821 S	3/2013	Ikeda et al.	D753,559 S	4/2016	McMahan et al.
D680,909 S	4/2013	Munson et al.	D753,560 S	4/2016	McMahan et al.
D680,910 S	4/2013	David	D753,567 S	4/2016	Boniface et al.
D684,899 S	6/2013	Baker	D754,571 S	4/2016	Boniface et al.
D686,536 S	7/2013	McCabe et al.	D754,572 S	4/2016	McMahan et al.
D692,798 S	11/2013	Thurber	D755,088 S	5/2016	McMahan et al.
D692,799 S	11/2013	Smith et al.	D756,869 S	5/2016	McMahan et al.
D696,157 S	12/2013	Loeb	D758,271 S	6/2016	McMahan et al.
D699,629 S	2/2014	Ikeda et al.	D764,975 S	8/2016	Aengenheyster
D700,871 S	3/2014	O'Donnell et al.	D764,976 S	8/2016	Aengenheyster
D703,103 S	4/2014	Lee	D767,449 S	9/2016	Pevovar et al.
D704,103 S	5/2014	Mack et al.	D767,450 S	9/2016	Lee et al.
D705,132 S	5/2014	Ware et al.	D767,451 S	9/2016	Kozub et al.
D705,699 S	5/2014	Ware et al.	D767,454 S	9/2016	McMahan et al.
D713,298 S	9/2014	Dyson	D767,458 S	9/2016	Kim
D713,764 S	9/2014	Ferlazzo et al.	D767,459 S	9/2016	Kim
D716,696 S	11/2014	Thole et al.	D767,460 S	9/2016	Kozub et al.
D716,706 S	11/2014	Thole et al.	D767,461 S	9/2016	Kozub et al.
D716,709 S	11/2014	Thole et al.	D771,528 S	11/2016	Smith et al.
D717,696 S	11/2014	Thole et al.	D771,529 S	11/2016	Thole et al.
D718,189 S	11/2014	Krieg et al.	D771,532 S	11/2016	Kapitonov
D718,683 S	12/2014	Thole et al.	D771,533 S	11/2016	Kapitonov
D722,282 S	2/2015	Loeb	D772,766 S	11/2016	Kozub et al.
D722,533 S	2/2015	Thole et al.	D772,767 S	11/2016	Kim
D722,534 S	2/2015	Munson et al.	D773,084 S	11/2016	Kapitonov
D724,510 S	3/2015	McMahan et al.	D773,086 S	11/2016	McCabe et al.
D725,001 S	3/2015	McMahan et al.	D774,226 S	12/2016	McCabe et al.
D726,591 S	4/2015	Jacob	D775,003 S	12/2016	Pevovar et al.
D730,776 S	6/2015	Smart	D775,007 S	12/2016	Thole et al.
D730,783 S	6/2015	Henriques et al.	D775,010 S	12/2016	Kim et al.
D732,427 S	6/2015	Loeb	D775,049 S	12/2016	Scheer et al.
D732,429 S	6/2015	Loeb	D775,549 S	1/2017	Karras
D732,430 S	6/2015	Loeb	D775,554 S	1/2017	Kapitonov
D732,431 S	6/2015	Loeb	D776,020 S	1/2017	Kapitonov
D732,432 S	6/2015	Aengenheyster	D776,581 S	1/2017	Pevovar et al.
D732,433 S	6/2015	Aengenheyster	D776,583 S	1/2017	Scheer et al.
D732,435 S	6/2015	Mackay	D776,841 S	1/2017	Kozub et al.
D733,002 S	6/2015	Loeb	D776,843 S	1/2017	McCabe et al.
D735,611 S	8/2015	Aengenheyster	D776,846 S	1/2017	Willett et al.
D735,627 S	8/2015	Smith	D777,359 S	1/2017	Kozub et al.
D736,451 S	8/2015	Smith	D777,360 S	1/2017	Kozub et al.
D739,306 S	9/2015	McMahan et al.	D777,361 S	1/2017	Kozub et al.
D739,317 S	9/2015	McMahan et al.	D777,604 S	1/2017	McNerney
D741,223 S	10/2015	Kim et al.	D777,605 S	1/2017	Ferlazzo et al.
D743,309 S	11/2015	Thole et al.	D777,620 S	1/2017	Pevovar et al.
D743,313 S	11/2015	Smith et al.	D777,621 S	1/2017	Kim
D743,314 S	11/2015	Thole et al.	D777,622 S	1/2017	Kozub et al.
D743,857 S	11/2015	McMahan et al.	D777,628 S	1/2017	Kozub et al.
D744,158 S	11/2015	Willett et al.	D777,955 S	1/2017	Willett et al.
D745,086 S	12/2015	Finos et al.	D778,212 S	2/2017	Kozub et al.
D745,719 S	12/2015	Boniface et al.	D778,215 S	2/2017	Kozub et al.
D745,725 S	12/2015	McMahan et al.	D780,064 S	2/2017	Smith et al.
D745,726 S	12/2015	McMahan et al.	D780,067 S	2/2017	Zipfel et al.
D745,837 S	12/2015	Smith et al.	D780,068 S	2/2017	Whitla et al.
D746,726 S	1/2016	Smith et al.	D780,077 S	2/2017	Kim et al.
D746,727 S	1/2016	Smith et al.	D780,081 S	2/2017	Lee
D746,728 S	1/2016	Smith et al.	D780,084 S	2/2017	Scheer et al.
D746,729 S	1/2016	Boniface et al.	D780,631 S	3/2017	Kozub et al.
D746,730 S	1/2016	Kim et al.	D780,644 S	3/2017	Kim et al.
D747,514 S	1/2016	McMahan et al.	D781,184 S	3/2017	Thole et al.
D747,515 S	1/2016	McMahan et al.	D781,192 S	3/2017	Kozub et al.
D747,819 S	1/2016	Thole et al.	D782,379 S	3/2017	Wassell
D749,021 S	2/2016	Boniface et al.	D783,482 S	4/2017	Smith et al.
D749,026 S	2/2016	Smith et al.	D784,213 S	4/2017	Karras
D749,027 S	2/2016	McMahan et al.	D784,223 S	4/2017	Lee
D749,246 S	2/2016	Thole et al.	D784,226 S	4/2017	Cheng
D749,249 S	2/2016	Thole et al.	D784,579 S	4/2017	Cheng et al.
D749,250 S	2/2016	Thole et al.	D784,877 S	4/2017	Lee
D749,985 S	2/2016	Kozub et al.	D784,886 S	4/2017	Smith et al.
D749,997 S	2/2016	McMahan et al.	D785,521 S	5/2017	Smith et al.
D750,001 S	2/2016	Thole et al.	D786,149 S	5/2017	Pevovar et al.
D753,032 S	4/2016	Smith et al.	D786,743 S	5/2017	Smith et al.
D753,033 S	4/2016	Thole et al.	D786,750 S	5/2017	Lee
D753,034 S	4/2016	Thole et al.	D787,446 S	5/2017	Cockerill
D753,035 S	4/2016	Boniface et al.	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

(56)

References Cited

U.S. PATENT DOCUMENTS

D787,993 S	5/2017	McCabe et al.	D797,632 S	9/2017	Zipfel et al.
D788,001 S	5/2017	Lee	D797,967 S	9/2017	Barry
D788,641 S	6/2017	Arnold	D797,970 S	9/2017	Mainville
D788,644 S	6/2017	Mueller	D797,971 S	9/2017	Mainville
D788,645 S	6/2017	Mueller	D797,972 S	9/2017	Whitla et al.
D789,250 S	6/2017	Arnold	D798,204 S	9/2017	Mainville
D789,260 S	6/2017	Smith	D799,384 S	10/2017	Kozub et al.
D789,575 S	6/2017	Willett	D799,385 S	10/2017	Kozub et al.
D789,841 S	6/2017	Lee	D799,386 S	10/2017	Kozub et al.
D789,849 S	6/2017	Lee	D799,728 S	10/2017	Whitla et al.
D791,018 S	7/2017	Mylenek	D801,236 S	10/2017	Kozub et al.
D791,644 S	7/2017	Fang	D801,577 S	10/2017	Ruiz
D792,290 S	7/2017	Smith et al.	D801,882 S	11/2017	Kozub et al.
D792,293 S	7/2017	McCabe et al.	D802,205 S	11/2017	Ruiz
D792,294 S	7/2017	McCabe et al.	D802,478 S	11/2017	Perkins
D792,295 S	7/2017	McCabe et al.	D802,491 S	11/2017	Mainville
D792,815 S	7/2017	Kozub	D802,496 S	11/2017	Mainville
D792,816 S	7/2017	Kozub	D802,502 S	11/2017	McMahan
D793,290 S	8/2017	Kozub	D803,727 S	11/2017	Noone et al.
D793,292 S	8/2017	Lee	D803,731 S	11/2017	Zipfel
D793,293 S	8/2017	Lee et al.	D804,370 S	12/2017	Kozub et al.
D793,294 S	8/2017	Lee	D804,371 S	12/2017	Whitla et al.
D793,295 S	8/2017	McCabe et al.	D804,372 S	12/2017	Kozub
D793,296 S	8/2017	Smith et al.	D804,378 S	12/2017	Perkins
D793,297 S	8/2017	Smith et al.	D804,379 S	12/2017	McMahan
D793,299 S	8/2017	Kreig et al.	D805,006 S	12/2017	Nakamura
D793,300 S	8/2017	Kreig et al.	D805,013 S	12/2017	Whitla
D793,301 S	8/2017	Kozub	D805,014 S	12/2017	Zipfel
D793,302 S	8/2017	Kozub	D805,441 S	12/2017	Karras
D793,311 S	8/2017	Whitla et al.	D805,964 S	12/2017	Whitla
D793,590 S	8/2017	Kozub et al.	D805,965 S	12/2017	Davis
D793,591 S	8/2017	Kozub et al.	D805,966 S	12/2017	Perkins
D793,917 S	8/2017	Kozub	D805,985 S	12/2017	Nakamura
D793,918 S	8/2017	Kozub	D807,232 S	1/2018	Bailie
D794,229 S	8/2017	Barry	D807,239 S	1/2018	Perkins
D794,230 S	8/2017	Kozub	D807,240 S	1/2018	Perkins
D795,747 S	8/2017	Bailie	D807,241 S	1/2018	Perkins
D795,757 S	8/2017	Pevovar et al.	D809,442 S	2/2018	Zipfel et al.
D795,758 S	8/2017	Karras	D811,269 S	2/2018	Thompson et al.
D795,759 S	8/2017	Kozub et al.	D811,942 S	3/2018	Jacob
D795,760 S	8/2017	Kozub et al.	D811,957 S	3/2018	Whitla et al.
D795,762 S	8/2017	Lee	D811,958 S	3/2018	Zipfel et al.
D795,763 S	8/2017	Kozub	D811,959 S	3/2018	Perkins
D796,088 S	8/2017	McCabe et al.	D811,960 S	3/2018	Nakamura
D796,093 S	8/2017	Mainville	D811,961 S	3/2018	Sullivan
D796,390 S	9/2017	Pevovar et al.	D811,962 S	3/2018	Sullivan
D797,537 S	9/2017	Cooper et al.	D811,963 S	3/2018	Sullivan
D797,603 S	9/2017	Noone et al.	D811,964 S	3/2018	Perkins
D797,614 S	9/2017	Lee	D811,965 S	3/2018	Moffett et al.
D797,616 S	9/2017	Lee	D812,525 S	3/2018	Lee
D797,624 S	9/2017	Nakamura	D812,526 S	3/2018	Zipfel et al.
D797,625 S	9/2017	Perkins	D812,527 S	3/2018	Perkins
D797,631 S	9/2017	Pevovar et al.	D812,528 S	3/2018	Nakamura
			D841,532 S *	2/2019	Koo et al. D12/169
			D855,508 S *	8/2019	Wilkins et al. D12/169

* cited by examiner

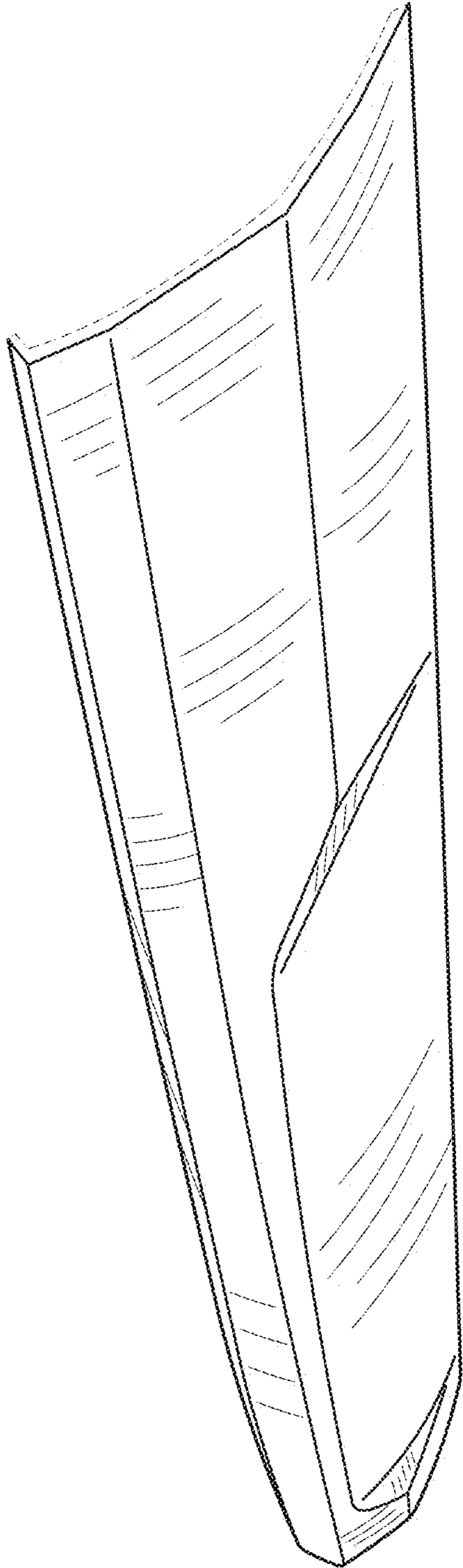


FIG-1

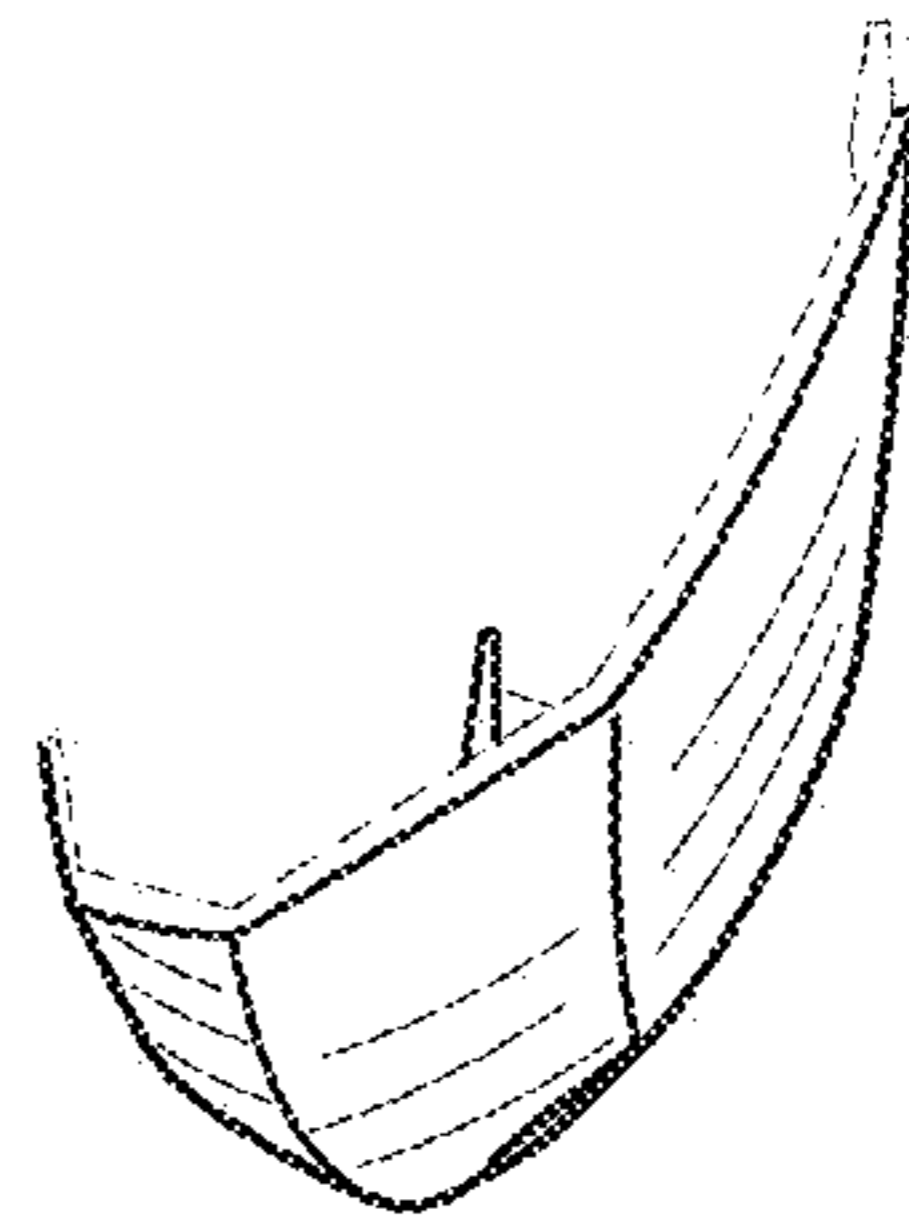


FIG-2

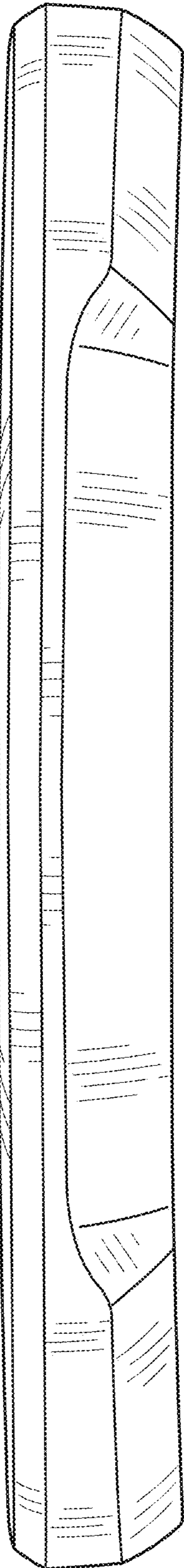


FIG-3

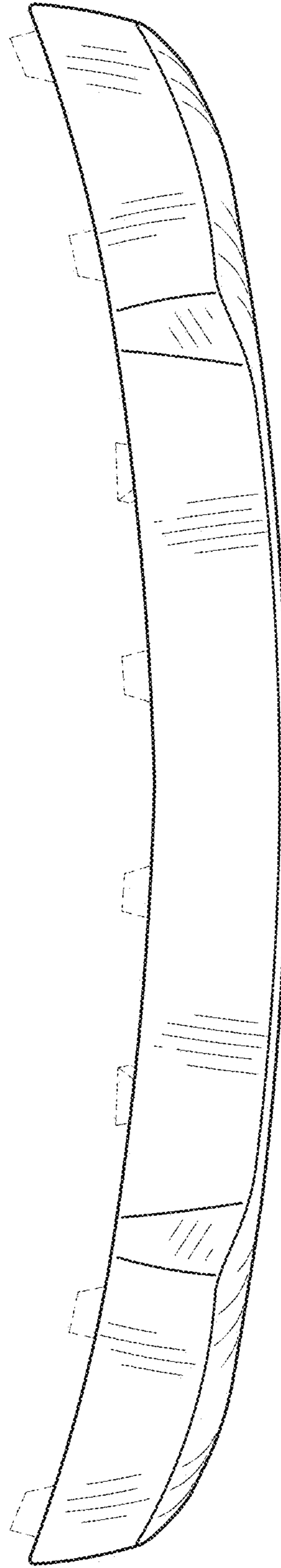


FIG-4