



(12) **United States Design Patent**
Choi et al.

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(54) **VEHICLE OUTSIDE MIRROR**
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D804,378 S 12/2017 Perkins
D804,379 S 12/2017 McMahan
D809,442 S * 2/2018 Zipfel D12/187
D818,915 S 5/2018 Kozub et al.
D827,531 S * 9/2018 Bucher D12/187
D832,167 S * 10/2018 Loeb D12/187
D839,157 S 1/2019 Smith et al.
D840,303 S 2/2019 Park Cheng
D840,885 S 2/2019 Park Cheng
(Continued)

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

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(52) **U.S. Cl.**
USPC **D12/187**

(58) **Field of Classification Search**
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D6/300, 309
CPC B60R 1/06; B60R 1/0605; B60R 1/0617;
B60R 1/074; B60R 1/076; B60R 1/078;
B60R 1/08; B60R 1/081; B60R 1/082
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D621,313 S * 8/2010 Kimura D12/187
D661,634 S * 6/2012 Huet D12/187
D724,510 S 3/2015 McMahan et al.
9,428,112 B2 * 8/2016 Eto B60R 1/07
D782,377 S * 3/2017 Curic D12/187
D782,378 S * 3/2017 Curic D12/187
D782,379 S 3/2017 Wassell
D784,226 S 4/2017 Cheng
D792,824 S * 7/2017 Bucher D12/187
D793,311 S 8/2017 Whittle et al.
D797,537 S 9/2017 Cooper et al.
D802,502 S 11/2017 McMahan

OTHER PUBLICATIONS

Exterior Trim Mirror Cover 2021-2023 GM, Part Super Store Webpage [online], [Site Visit Apr. 4, 2023], URL: <https://www.gmpartsonline.net/oem-parts/gm-exterior-trim-mirror-covers-black-84703355> (Year: 2023).*

(Continued)

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Assistant Examiner — Giang Hoang Tran

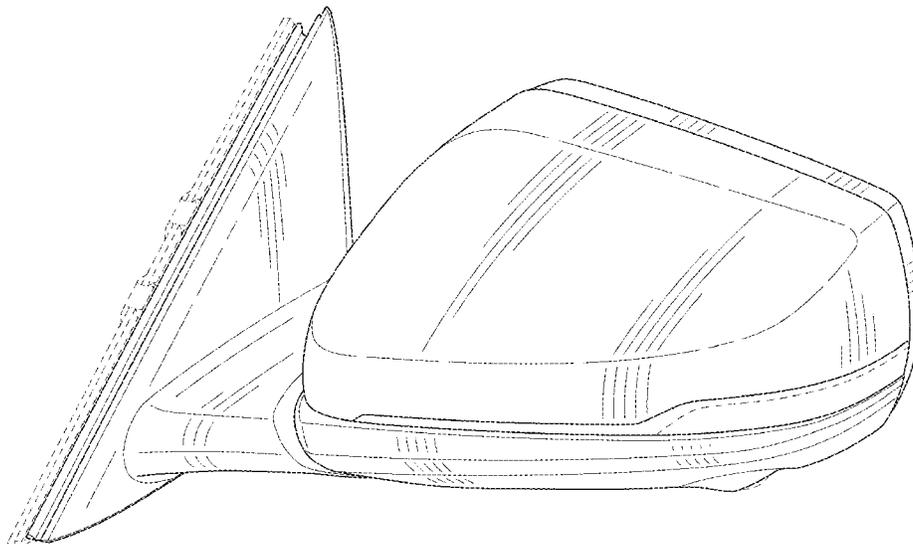
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front and left perspective view of a vehicle outside mirror showing our new design; the mirror image of the vehicle outside mirror is claimed but not shown; FIG. 2 is a front elevation view of the vehicle outside mirror of FIG. 1; FIG. 3 is a left elevation view thereof; FIG. 4 is a right elevation view thereof; FIG. 5 is a top view thereof; FIG. 6 is a back elevation thereof; and, FIG. 7 is a bottom view thereof. The broken lines in the drawings depict portions of the vehicle outside mirror that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D851,002	S	6/2019	Kozub	
D854,991	S	7/2019	Whitla et al.	
D855,523	S	8/2019	Perkins	
D855,524	S	8/2019	Lee	
D860,085	S *	9/2019	Koo	D12/187
D863,160	S	10/2019	Gifford et al.	
D873,745	S	1/2020	Ruiz	
D882,471	S *	4/2020	Tovey	D12/187
D883,879	S *	5/2020	Metros	D12/187
D902,813	S	11/2020	Ruiz	
D902,814	S *	11/2020	Ruiz	D12/187
D908,565	S *	1/2021	Choi	D12/187
D908,567	S *	1/2021	Hunwick	D12/187
D911,894	S *	3/2021	Tonello	D12/187
D913,881	S *	3/2021	Hilliard	D12/187
D919,529	S *	5/2021	Dewitt	D12/187
D932,966	S *	10/2021	Tonello	D12/187
D942,910	S *	2/2022	Kim	D12/187
D968,289	S *	11/2022	Li	D12/187
D969,044	S *	11/2022	Schmeckpeper	D12/187
11,505,125	B2 *	11/2022	Caraan	B60R 1/06
2013/0120865	A1 *	5/2013	Toyama	B60R 1/06 359/841

OTHER PUBLICATIONS

Side Mirror, Jan. 16, 2021, Amazon[online],[Site Visit Apr. 4, 2023], URL: <https://www.amazon.com/Passenger-Operated-Heated-Mirror-Matching/dp/B07LFMS4W1> (2021) (Year: 2021).*

Side Power Mirror, Dec. 19, 2018, Amazon[online],[Site Visit Apr. 4, 2023], URL: <https://www.amazon.com/Passenger-Operated-Heated-Mirror-Matching/dp/B07LFMS4W1> (2018) (Year: 2018).*

* cited by examiner

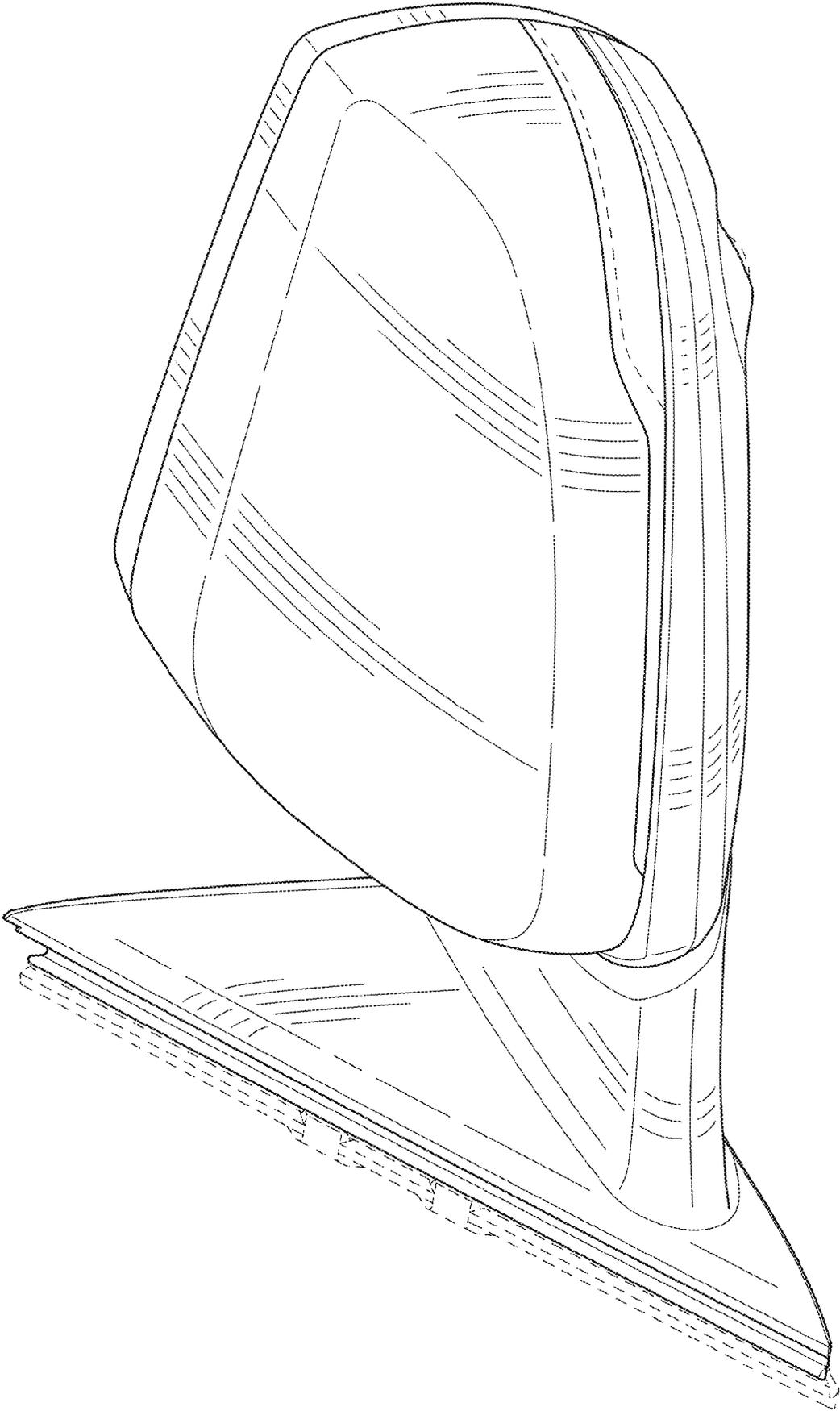


FIG. 1

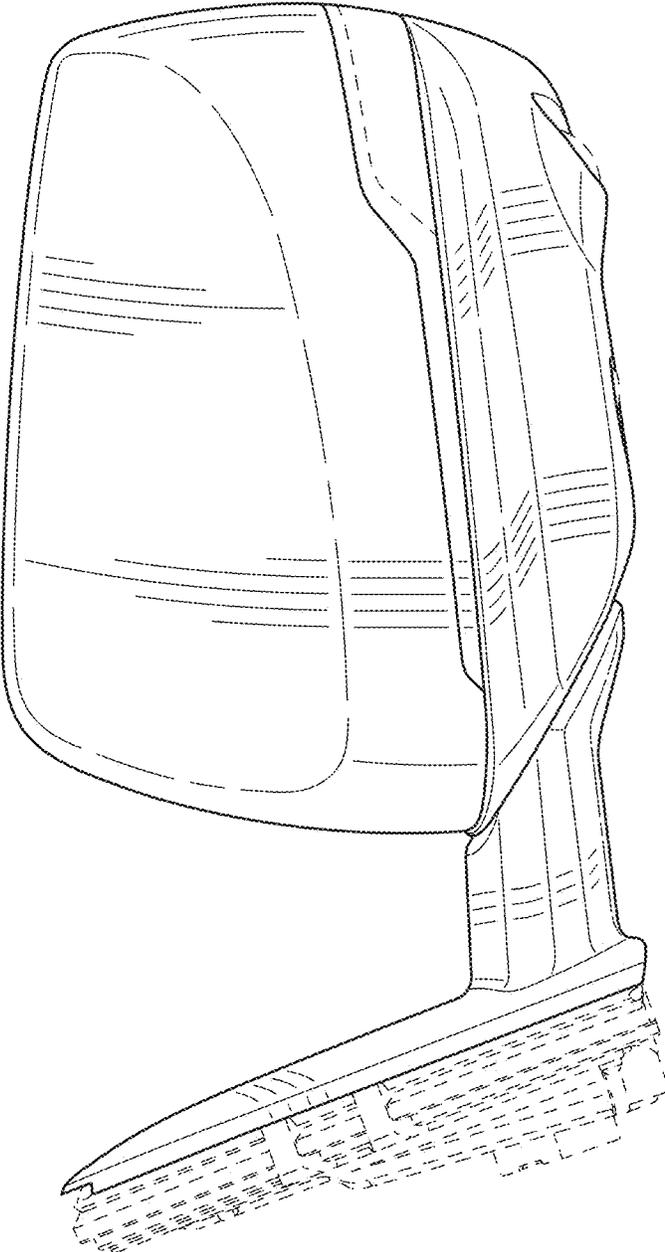


FIG. 2

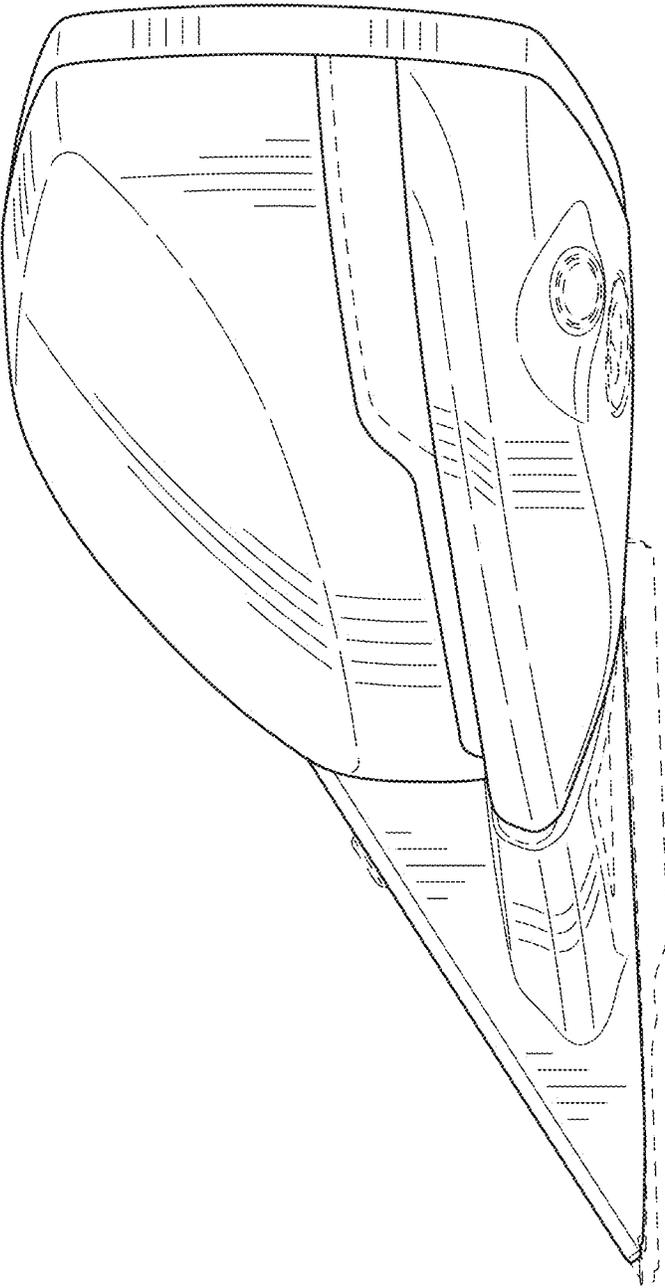


FIG. 3

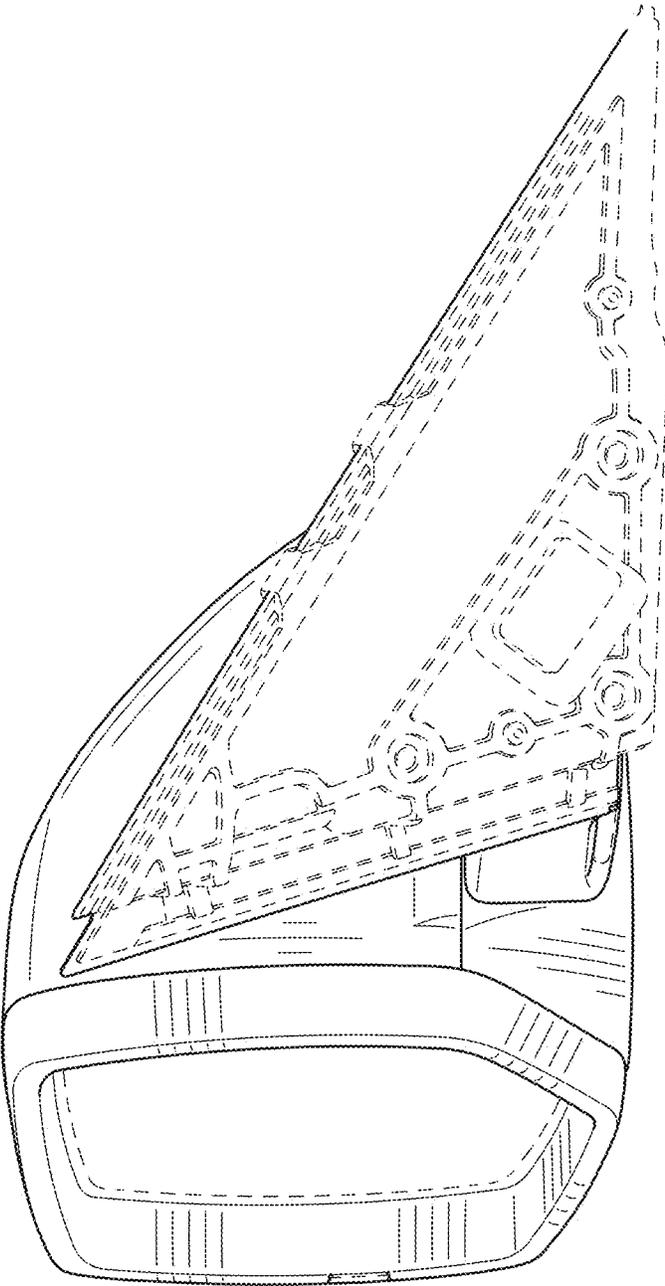


FIG. 4

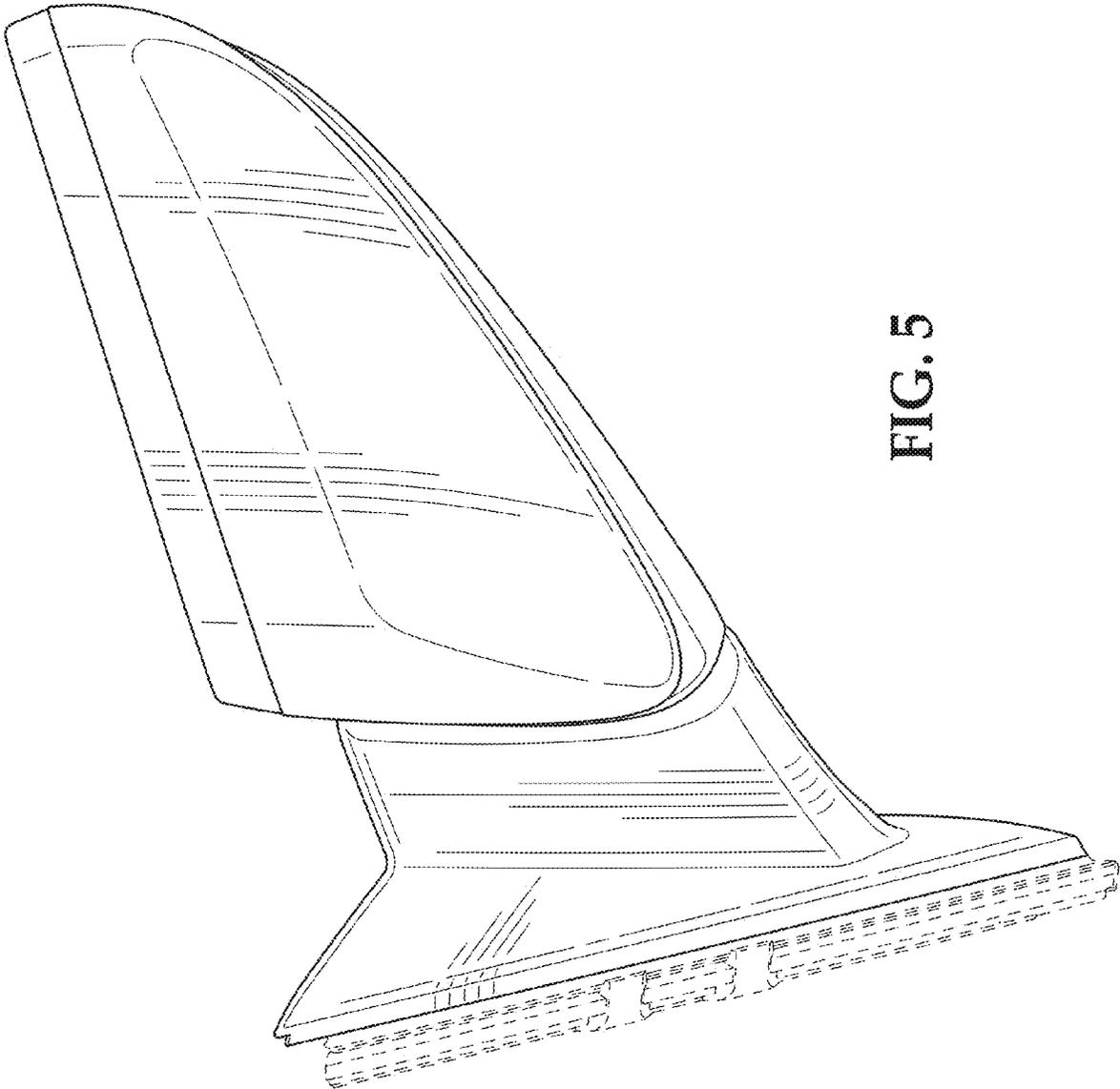


FIG. 5

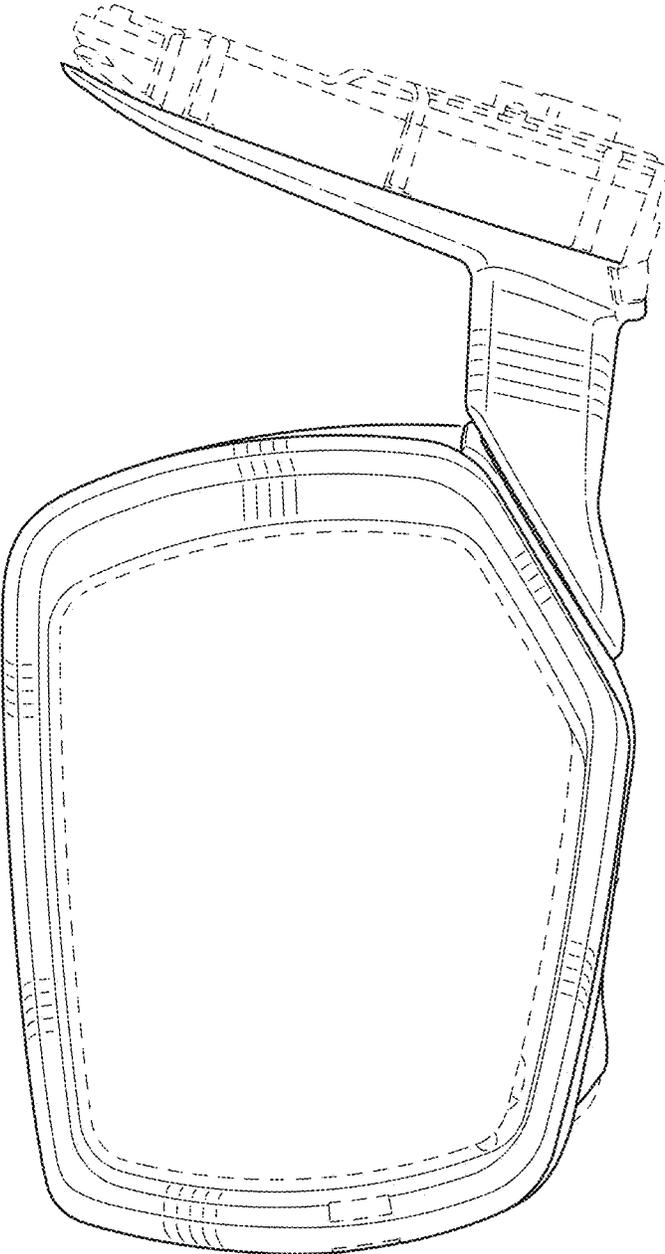


FIG. 6

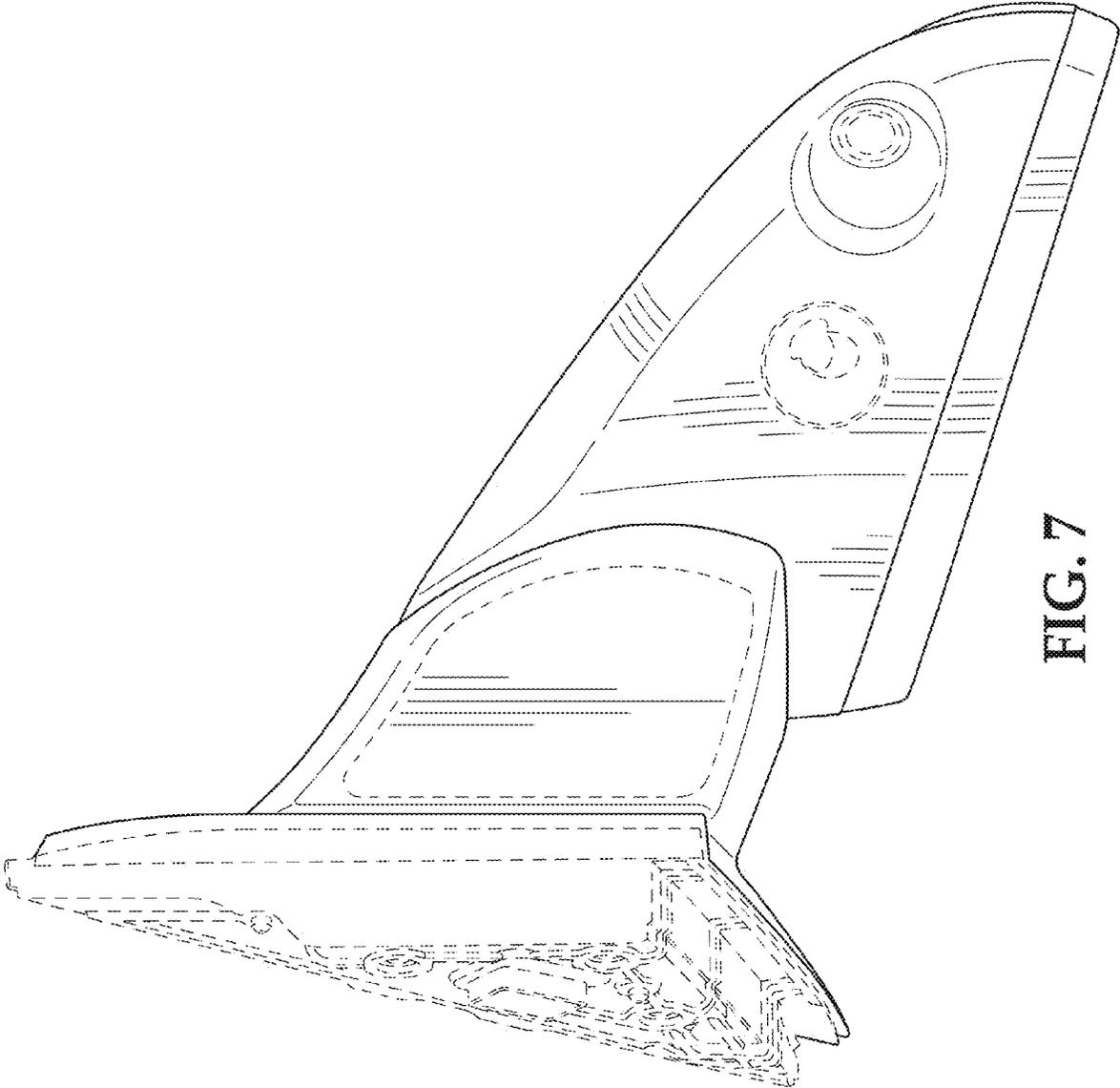


FIG. 7