



US0D1014398S

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

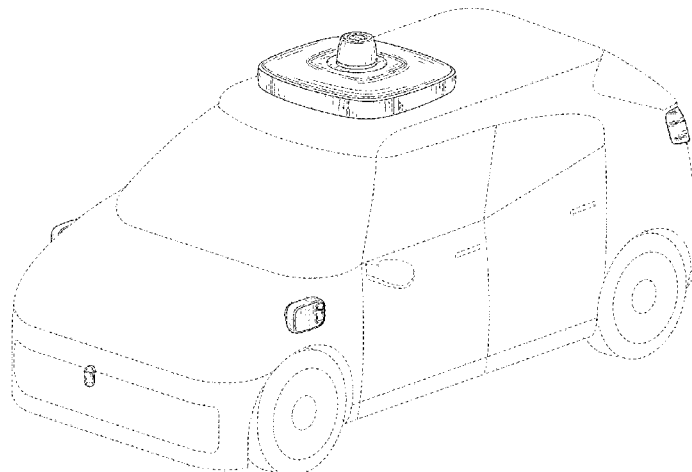
(10) **Patent No.:** **US D1,014,398 S**
(45) **Date of Patent:** **** Feb. 13, 2024**

- (54) **VEHICLE**
- (71) Applicant: **Waymo LLC**, Mountain View, CA (US)
- (72) Inventors: **YooJung Ahn**, Mountain View, CA (US); **Toshihiro Fujimura**, San Francisco, CA (US); **Jared Gross**, Belmont, CA (US); **Solomon Lyman**, Mill Creek, WA (US)
- (73) Assignee: **Waymo LLC**, Mountain View, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/820,773**
- (22) Filed: **Dec. 23, 2021**
- (51) **LOC (14) Cl.** **10-05**
- (52) **U.S. Cl.**
USPC **D10/70**
- (58) **Field of Classification Search**
USPC D12/86, 182-183, 187-189, 195, D12/401-405, 412; D21/533, 548, 581; D10/70, 114.1, 114.3
CPC G05D 1/00; B60W 60/0018; B60W 60/00188; B60R 13/00; B60R 5/04; B60Q 1/0017; B60Q 1/2611
See application file for complete search history.

9,650,054	B1 *	5/2017	Lombrozo	.....	B60W 20/00
9,682,707	B1	6/2017	Silver et al.		
9,694,818	B1 *	7/2017	Ferguson	.....	B60W 10/04
9,855,925	B2	1/2018	Doorley et al.		
9,880,263	B2	1/2018	Droz et al.		
9,979,061	B1	5/2018	Droz et al.		
D826,941	S	8/2018	Zhou et al.		
D834,971	S	12/2018	Ahn et al.		
10,267,908	B2	4/2019	Luders et al.		
D851,508	S *	6/2019	D'Eramo	.....	D10/70
D853,888	S *	7/2019	Waters	.....	D12/86
D854,436	S	7/2019	Morita et al.		
10,379,540	B2	8/2019	Droz et al.		
D858,381	S	9/2019	Ahn et al.		
D860,013	S	9/2019	Ahn et al.		
D862,266	S	10/2019	Kondo et al.		
D866,368	S *	11/2019	Ahn	.....	D10/70
D873,828	S	1/2020	Zhou et al.		
D874,956	S *	2/2020	Ahn	.....	D10/70
D874,957	S *	2/2020	Ahn	.....	D10/70
D878,264	S *	3/2020	Ahn	.....	D16/203
10,604,120	B2	3/2020	Newman		
10,691,131	B2	6/2020	Fairfield et al.		
10,773,273	B2	9/2020	Mousavi Ehteshami et al.		
10,797,460	B2	10/2020	Shand		
D902,756	S *	11/2020	Gross	.....	D10/70
10,838,417	B2	11/2020	Chi et al.		
10,845,470	B2	11/2020	Verghese et al.		
10,915,762	B1	2/2021	Russell		
10,923,829	B2	2/2021	Izadian		
D914,541	S *	3/2021	Kentley-Klay	.....	D12/86
10,940,851	B2	3/2021	Silver et al.		
D915,913	S *	4/2021	Ahn	.....	D10/70
11,017,674	B1	5/2021	Patterson et al.		
11,046,317	B2	6/2021	Parasuram et al.		
11,048,256	B2	6/2021	Dyer et al.		
D928,641	S	8/2021	Sun et al.		
D931,126	S *	9/2021	Jones, II	.....	D10/70
11,136,025	B2	10/2021	Li et al.		
D935,350	S *	11/2021	Julian	.....	D12/86
11,181,619	B2	11/2021	Toth et al.		
D942,284	S	2/2022	Burns et al.		
D942,895	S *	2/2022	Kentley-Klay	.....	D12/86
D949,052	S *	4/2022	Shin	.....	G05D 1/0027 D12/86
D950,404	S *	5/2022	Ahn	.....	D10/70
D954,620	S	6/2022	Ahn et al.		
D964,219	S	9/2022	Xie		
D964,908	S	9/2022	Ahn et al.		
D964,909	S	9/2022	Ahn et al.		
D965,498	S	10/2022	Ahn et al.		
D977,347	S	2/2023	McCool et al.		
D978,058	S	2/2023	Ahn et al.		

(56) **References Cited**
U.S. PATENT DOCUMENTS

D417,165	S	11/1999	Takeda et al.		
D450,031	S *	11/2001	Hall	.....	D12/401
D499,035	S	11/2004	Cook et al.		
D662,870	S *	7/2012	Russ	.....	D12/404
D722,277	S	2/2015	Shin		
D734,211	S *	7/2015	Ahn	.....	D12/86
D746,194	S *	12/2015	Ahn	.....	D12/187
9,261,590	B1	2/2016	Brown		
D755,673	S *	5/2016	Ahn	.....	D12/86
9,558,584	B1	1/2017	Lo et al.		
9,625,582	B2	4/2017	Gruver et al.		
9,628,170	B1	4/2017	Rosenband et al.		



2018/0113210	A1	4/2018	Izadian	
2018/0150083	A1	5/2018	Izadian	
2019/0026886	A1*	1/2019	Ferguson	G05D 1/0027
2019/0184121	A1*	6/2019	Haibach	A61B 5/1079
2020/0116828	A1	4/2020	Yautz et al.	
2021/0016703	A1	1/2021	Shitara et al.	
2021/0080568	A1	3/2021	Brown et al.	
2021/0094376	A1*	4/2021	Smith	B60W 40/10
2021/0094506	A1*	4/2021	Baker	G06Q 50/28
2021/0107494	A1	4/2021	Silver	
2021/0157882	A1	5/2021	Liu et al.	
2021/0181737	A1	6/2021	Patnaik et al.	
2021/0183186	A1	6/2021	Patnaik	
2021/0243410	A1*	8/2021	Ekin	G08B 13/19613
2021/0339710	A1	11/2021	Adams et al.	
2021/0341583	A1	11/2021	Adams et al.	
2021/0341613	A1	11/2021	Adams et al.	

FOREIGN PATENT DOCUMENTS

CN	304206135	7/2017
CN	3044449202	1/2018
CN	304688785	6/2018
CN	304907747	11/2018
CN	306189805	11/2020
CN	306363259	3/2021
CN	306400514	3/2021
CN	306400515	3/2021
CN	306400517	3/2021
CN	306400518	3/2021
CN	306540111	5/2021
DK	MR200100110-0001	2/2001
EP	3627187	A1 3/2020
GB	6282342	* 5/2023
JP	D887958	1/1994
JP	D1099445	2/2001
JP	D1109331	5/2001
JP	D1300622	5/2007
JP	D1464896	3/2013
JP	D1471850	6/2013
JP	D1515122	1/2015
JP	D1607811	6/2018
JP	D1609381	7/2018
JP	D1609382	7/2018
JP	D1614073	9/2018
JP	D1639891	8/2019
JP	D2020-16375	* 8/2020
JP	D1677608	1/2021
JP	D1687678	6/2021
KR	300631866.0000	3/2012
KR	300698030.0000	6/2013
KR	300731269.0000	3/2014
KR	300732701.0000	3/2014
KR	300793295.0000	4/2015
KR	300851595.0000	4/2016
KR	301087066.0000	12/2020
RU	00083561	11/2012
WO	D099365-001	5/2018
WO	D099365-002	5/2018
WO	D099365-003	5/2018
WO	D099365-004	5/2018
WO	2019060524	A1 3/2019
WO	2021021516	A1 2/2021
WO	D212419-001	2/2021
WO	2021137884	A1 7/2021

OTHER PUBLICATIONS

Car and Driver.com, Semi-Autonomous Ford Escapes Available for Rides with Lyft, published Jul. 21, 2021 [retrieved Jun. 29, 2023]. Retrieved from the internet<<https://www.caranddriver.com/news/a37090961/ford-argo-ai-lyft-semi-autonomous-ride-sharing/>> (Year: 2021).*

Reviewgeek.com, One of the Biggest Self-Driving Taxi Companies Just Gave Up, published Oct. 28, 2022 [retrieved Jun. 29, 2023]. Retrieved from the internet<<https://www.reviewgeek.com/134618/one-of-the-biggest-self-driving-taxi-companies-just-gave-up/>> (Year: 2022).*

“Uber’s Use of Fewer Safety Sensors Prompts Questions After Arizona Crash”; Reuters; retrieved Dec. 19, 2021; published Mar. 28, 2018; URL: <<https://www.reuters.com/article/us-uber-self-driving-sensors-insight-idUSKBN1H337Q>>.

“New Front Bumper Parking Aid Sensor For Lexus”; AliExpress; retrieved Dec. 19, 2021; published date unknown, prior to the filing date of the present Application; URL: <<https://www.aliexpress.com/item/32925953791.html>>.

“Vehicle Detection Sensor for Barriers and Gates”; motion29.com; retrieved Dec. 19, 2021; published date unknown, prior to the filing date of the present Application; URL: <<https://www.motion29.com/products/vehicledetectionandcontrol/vehicledetectionsensorforbarriersandgates/default.htm>>.

* cited by examiner

Primary Examiner — Joseph Kukella

Assistant Examiner — Lavon M. Amerson

(74) Attorney, Agent, or Firm — Banner & Witcoff, Ltd.

(57) CLAIM

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

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a top, front, right perspective view of a first embodiment of the claimed design for a vehicle;

FIG. 2 is a front view thereof;

FIG. 3 is a back view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a top, rear, left perspective view thereof;

FIG. 8 is a top, front, right perspective view of a second embodiment of the claimed design for a vehicle;

FIG. 9 is a front view thereof;

FIG. 10 is a back view thereof;

FIG. 11 is a right side view thereof;

FIG. 12 is a left side view thereof;

FIG. 13 is a top view thereof;

FIG. 14 is a top, rear, left perspective view thereof;

FIG. 15 is a top, front, right perspective view of a third embodiment of the claimed design for a vehicle;

FIG. 16 is a front view thereof;

FIG. 17 is a back view thereof;

FIG. 18 is a right side view thereof;

FIG. 19 is a left side view thereof;

FIG. 20 is a top view thereof;

FIG. 21 is a top, rear, left perspective view thereof;

FIG. 22 is a top, front, right perspective view of a fourth embodiment of the claimed design for a vehicle;

FIG. 23 is a front view thereof;

FIG. 24 is a back view thereof;

FIG. 25 is a right side view thereof;

FIG. 26 is a left side view thereof;

FIG. 27 is a top view thereof;

FIG. 28 is a top, rear, left perspective view thereof;

FIG. 29 is a top, front, right perspective view of a fifth embodiment of the claimed design for a vehicle;

FIG. 30 is a front view thereof;

FIG. 31 is a back view thereof;

FIG. 32 is a right side view thereof;
FIG. 33 is a left side view thereof;
FIG. 34 is a top view thereof;
FIG. 35 is a top, rear, left perspective view thereof;
FIG. 36 is a top, front, right perspective view of a sixth embodiment of the claimed design for a vehicle;
FIG. 37 is a front view thereof;
FIG. 38 is a back view thereof;
FIG. 39 is a right side view thereof;
FIG. 40 is a left side view thereof;
FIG. 41 is a top view thereof; and,
FIG. 42 is a top, rear, left perspective view thereof.
The broken lines showing the remainder of the vehicle depict environmental structure and form no part of the claimed design.

1 Claim, 42 Drawing Sheets
(18 of 42 Drawing Sheet(s) Filed in Color)

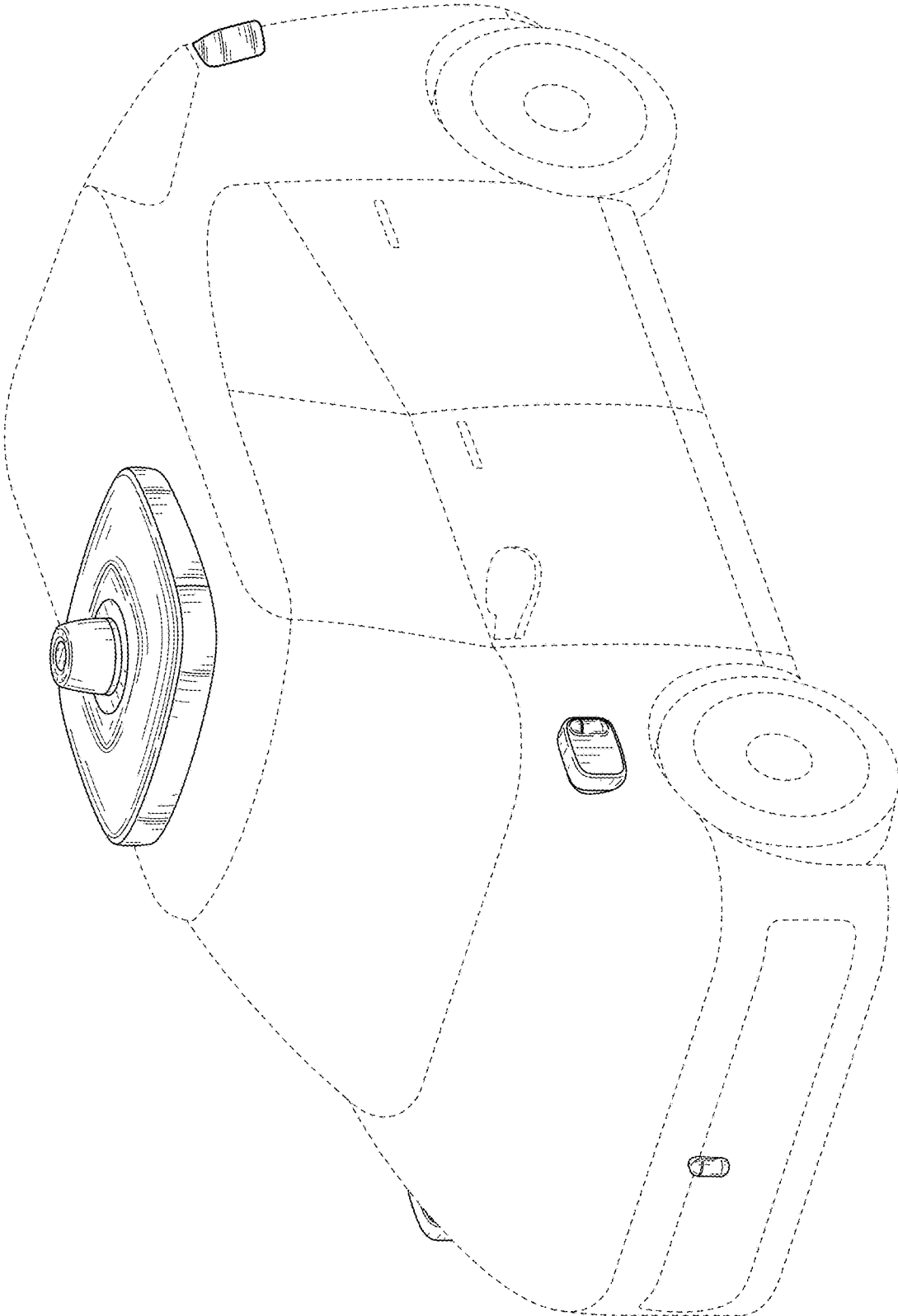


FIG. 1

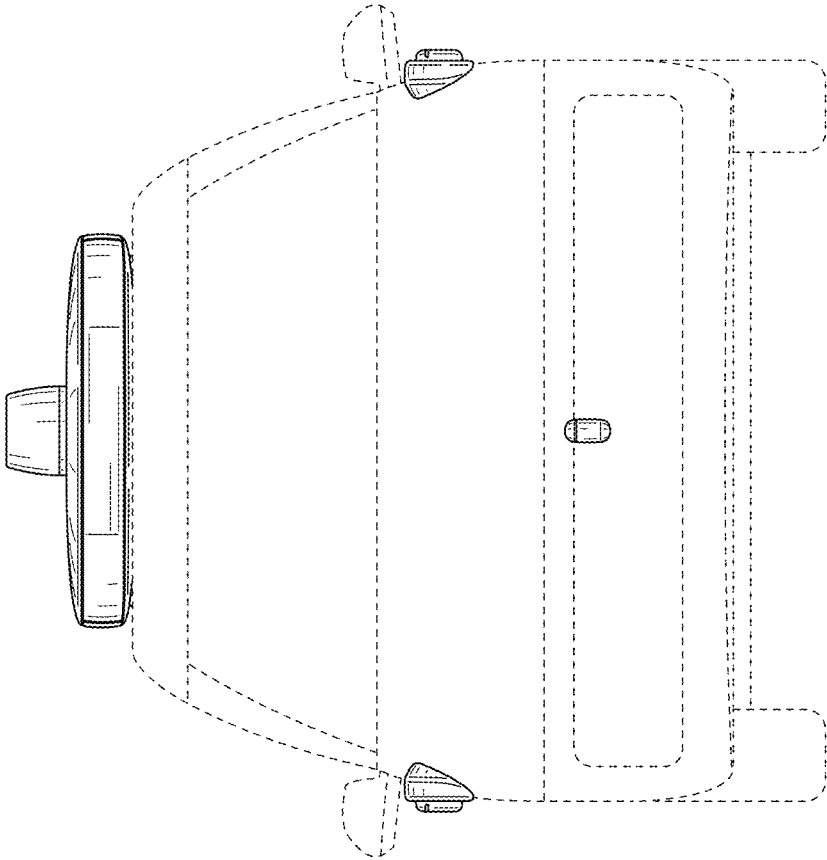


FIG. 2

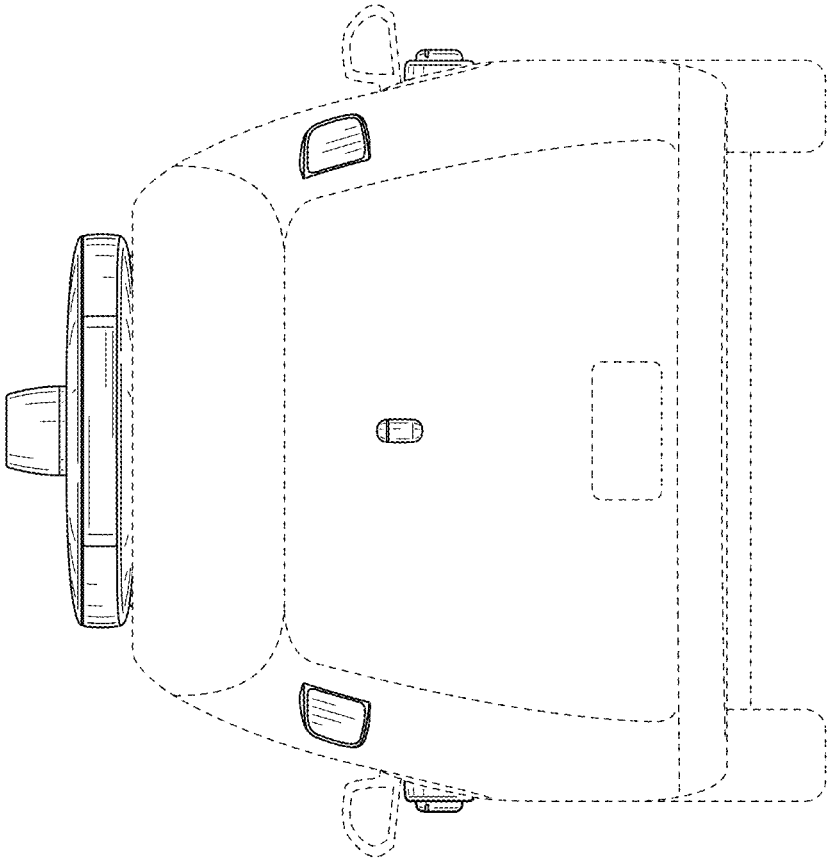


FIG. 3

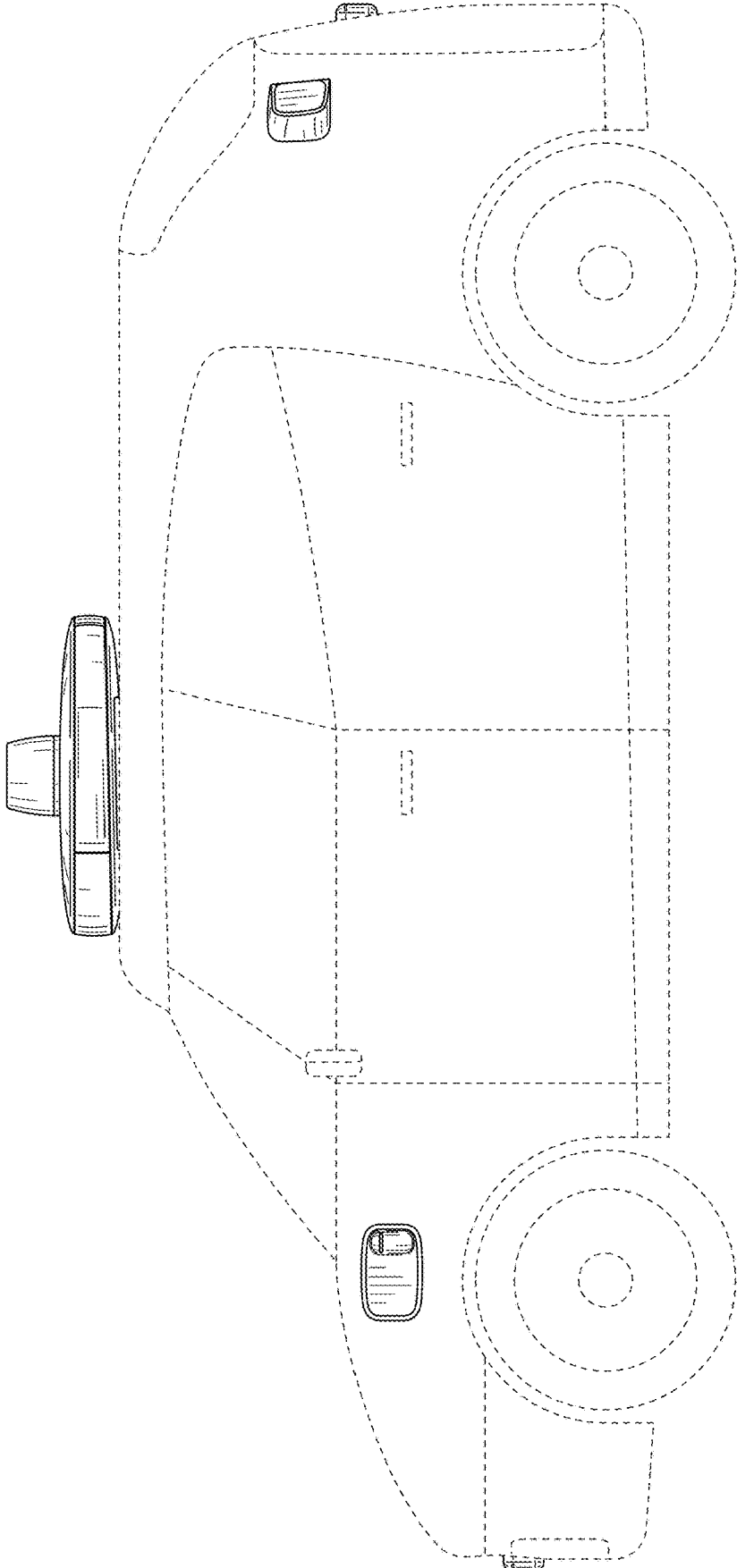


FIG. 4

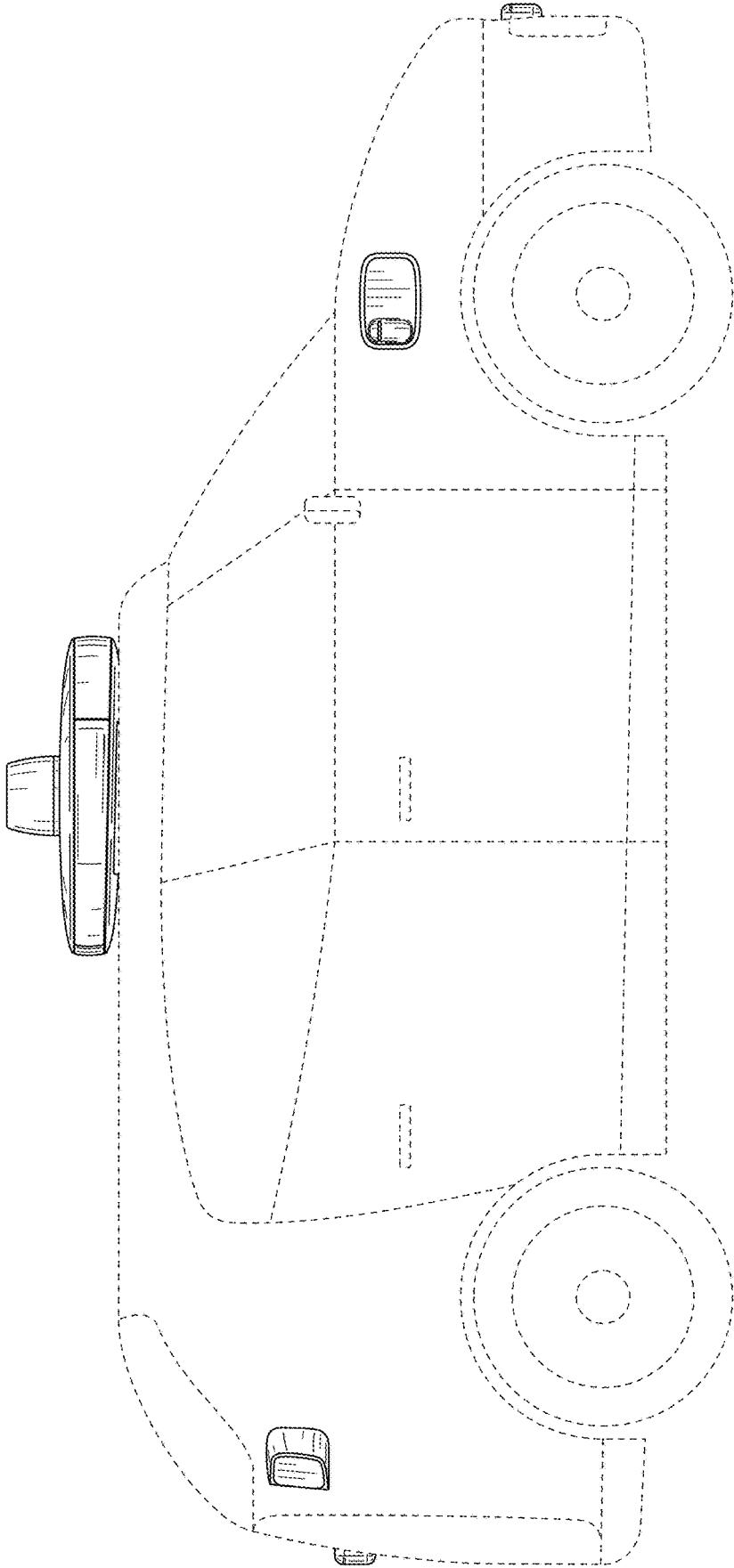


FIG. 5

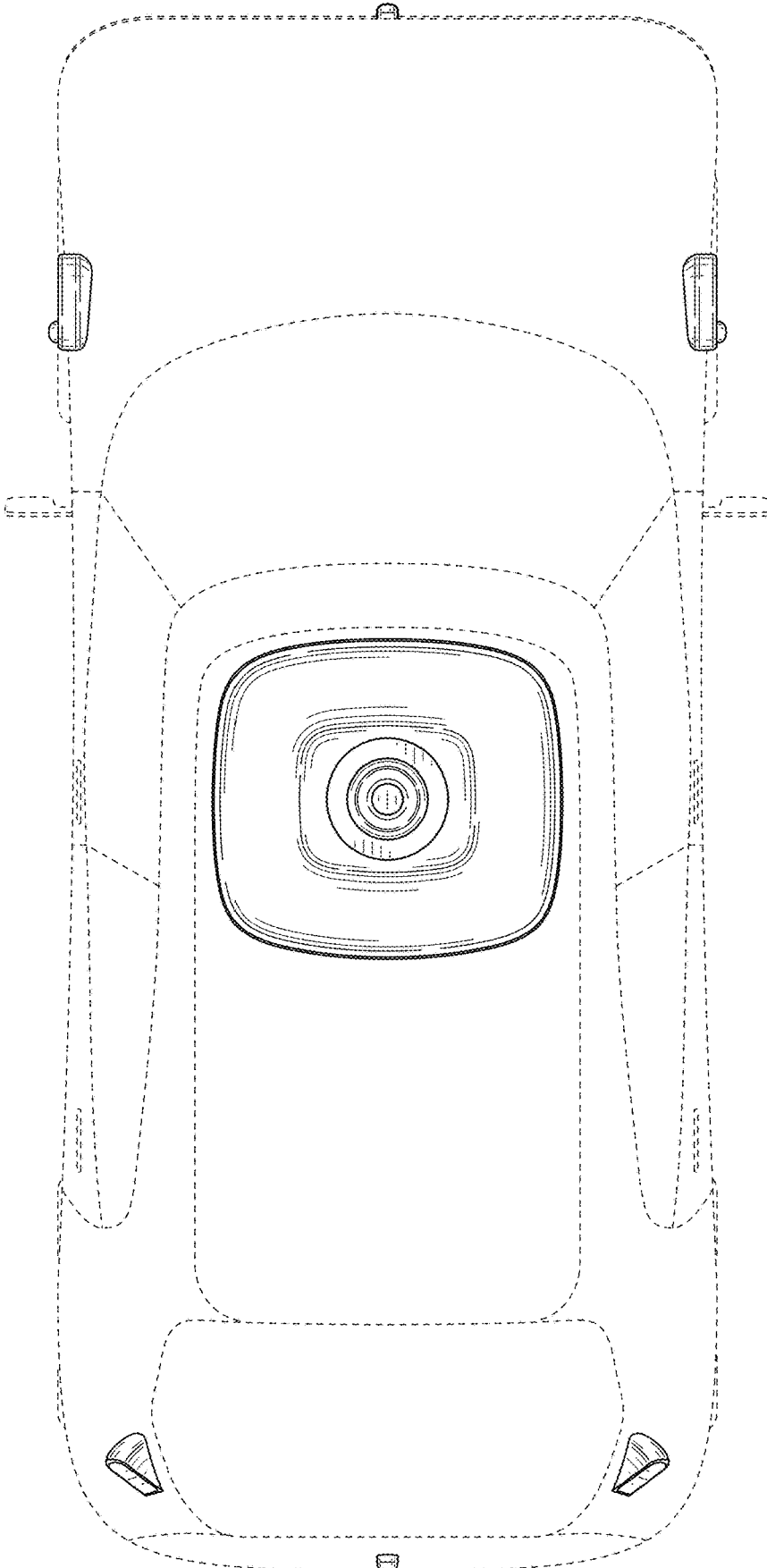


FIG. 6

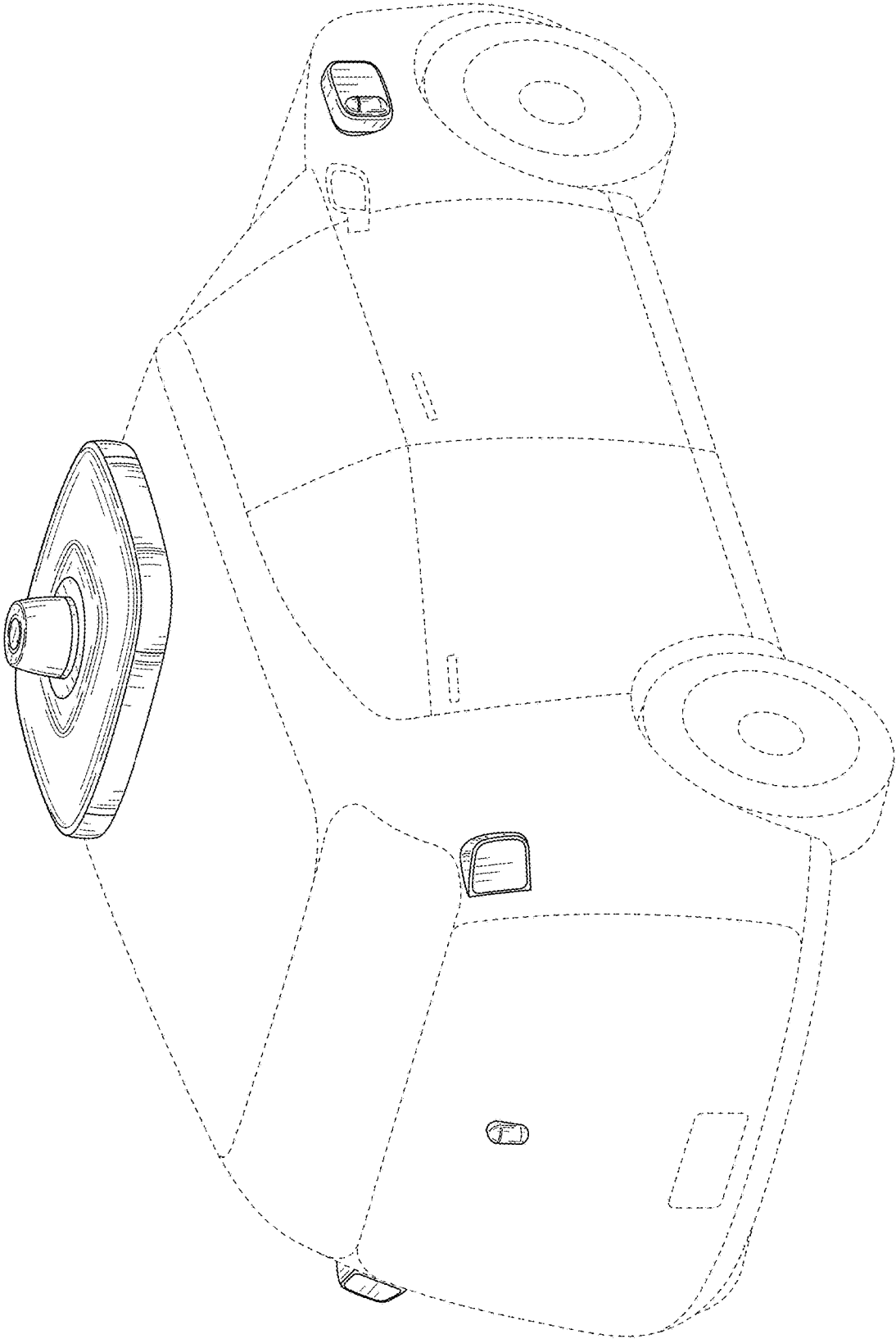


FIG. 7

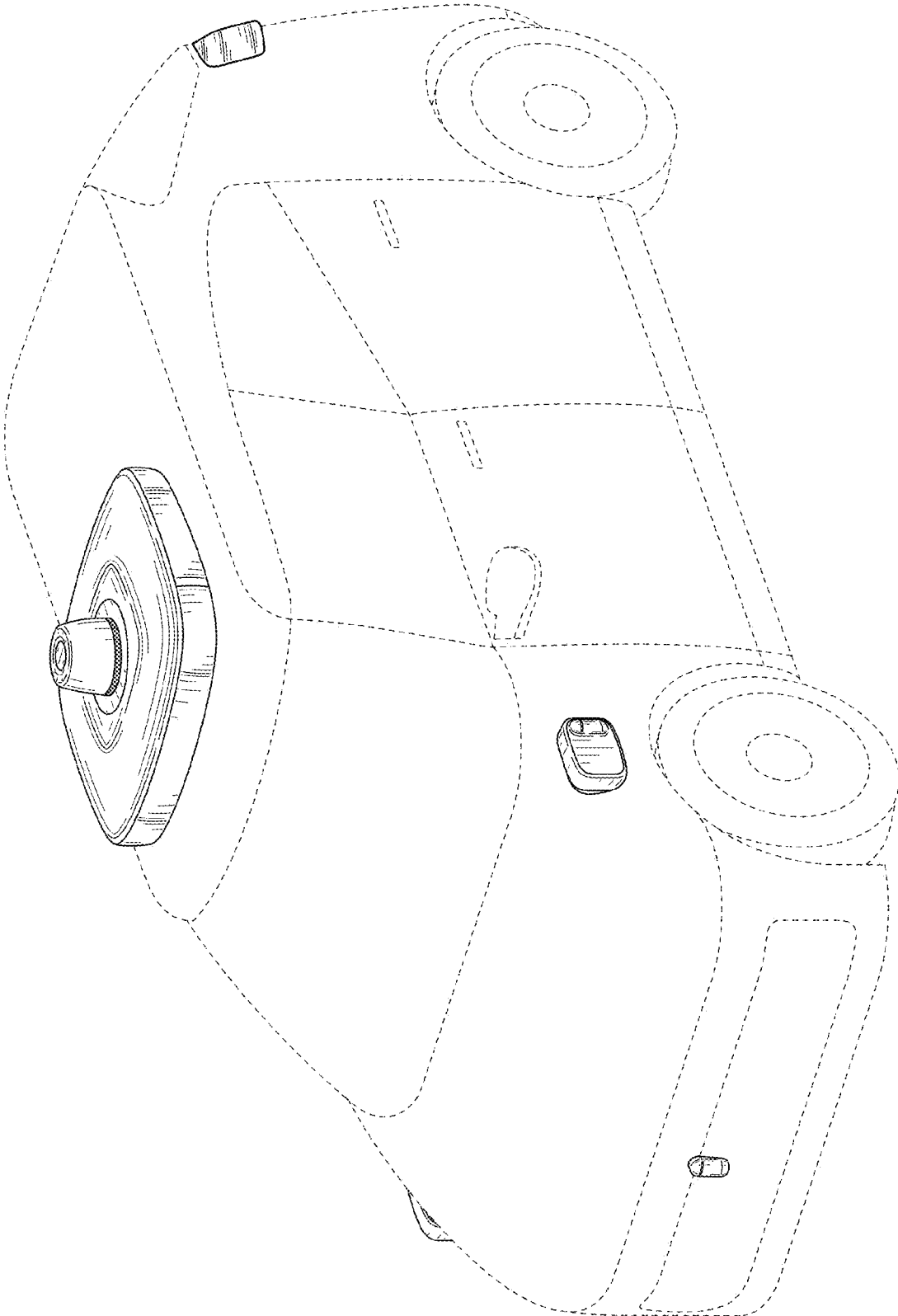


FIG. 8

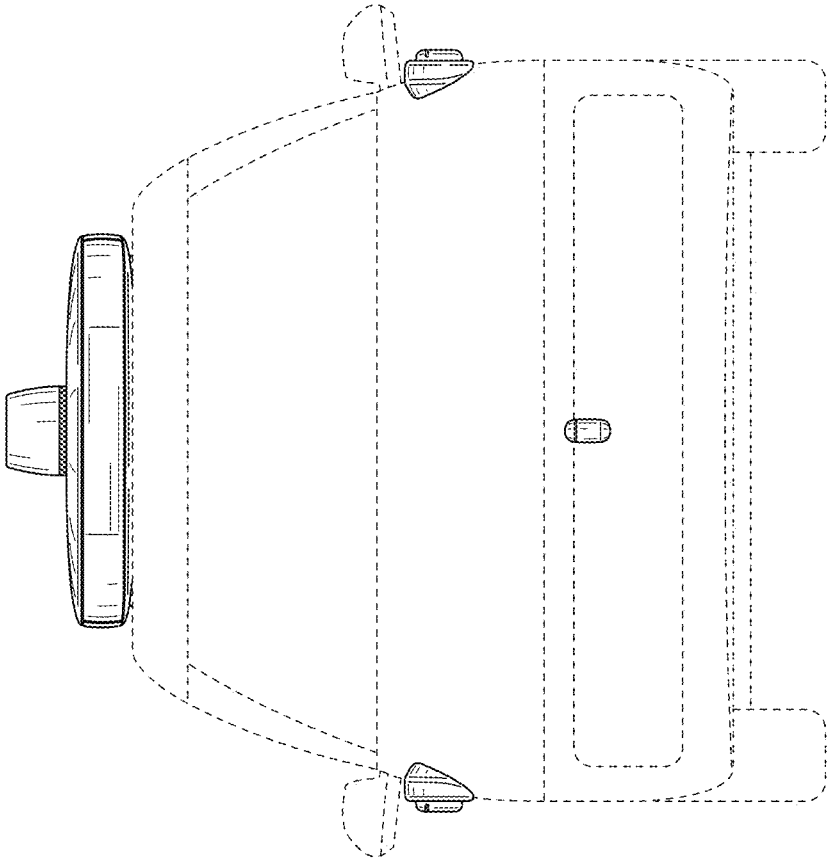


FIG. 9

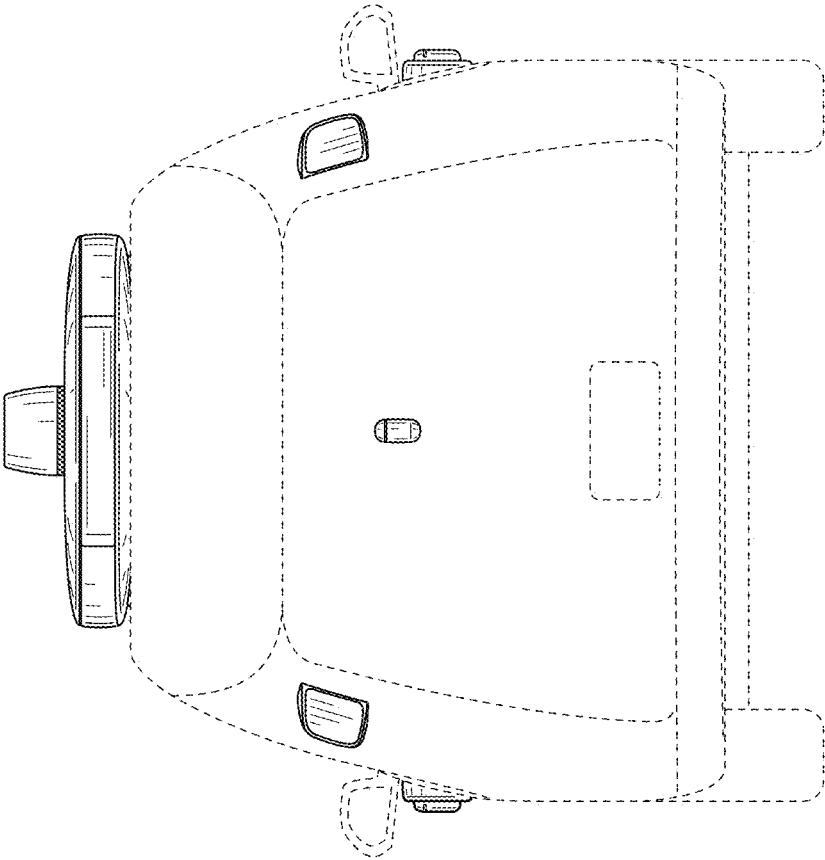


FIG. 10

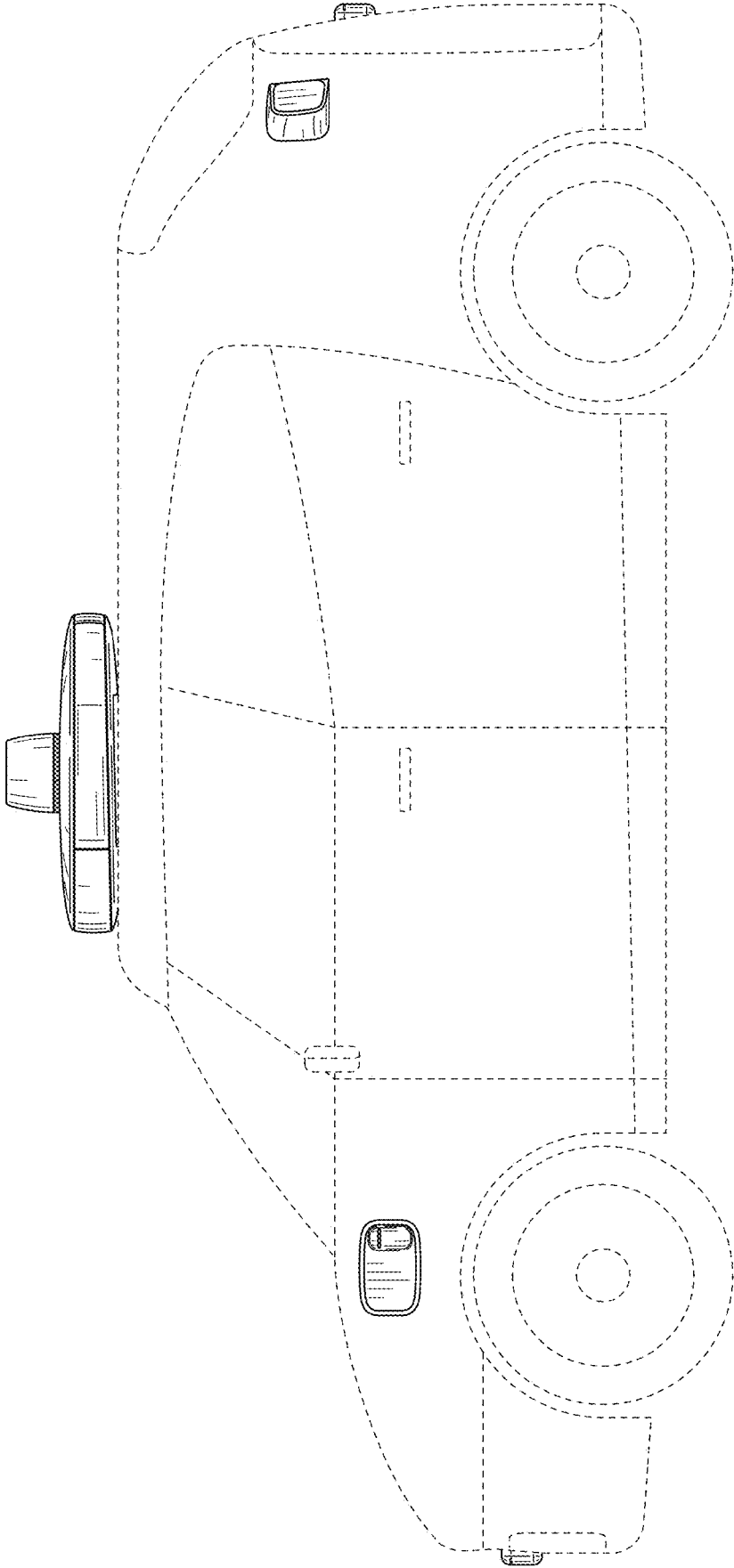


FIG. 11

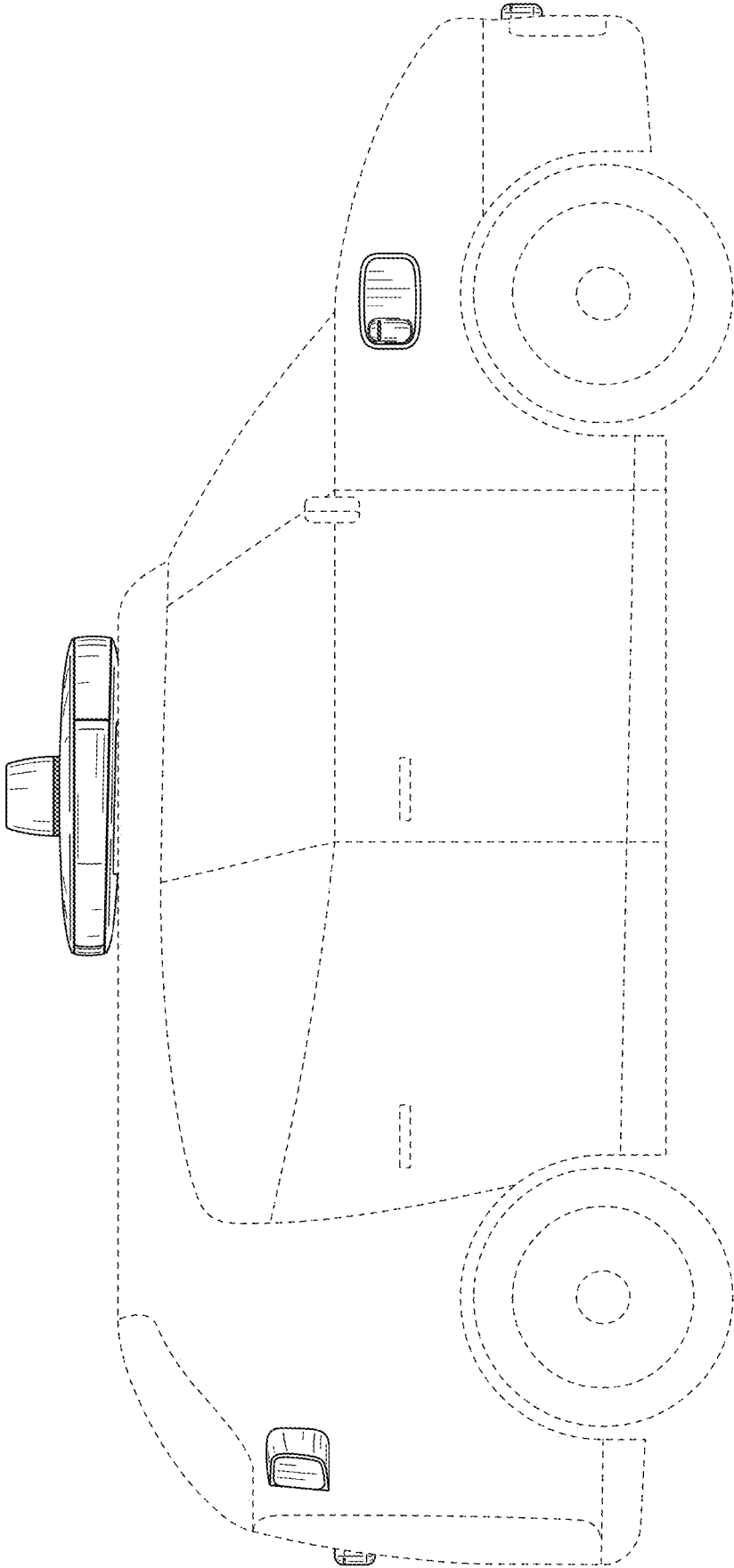


FIG. 12

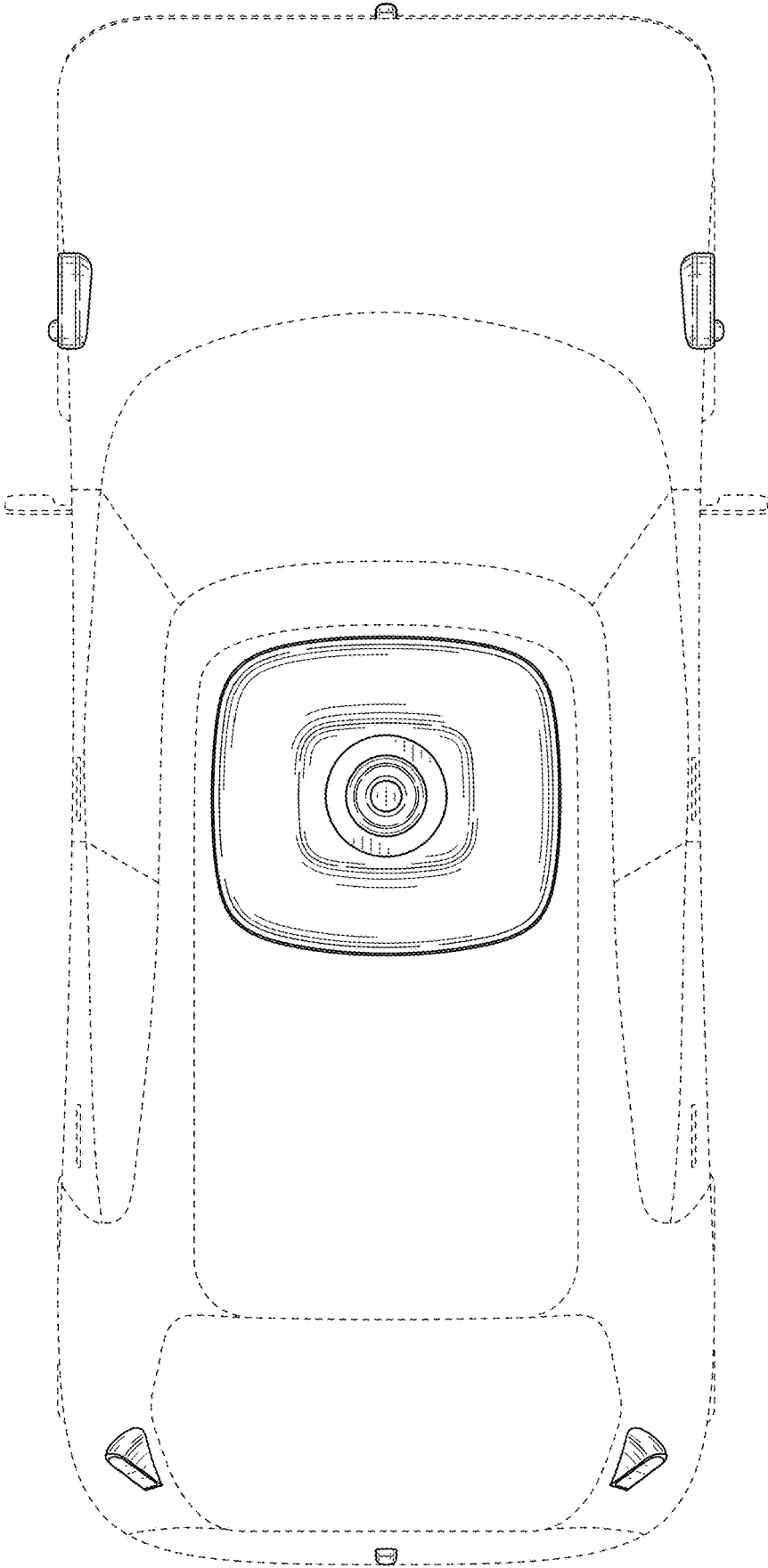


FIG. 13

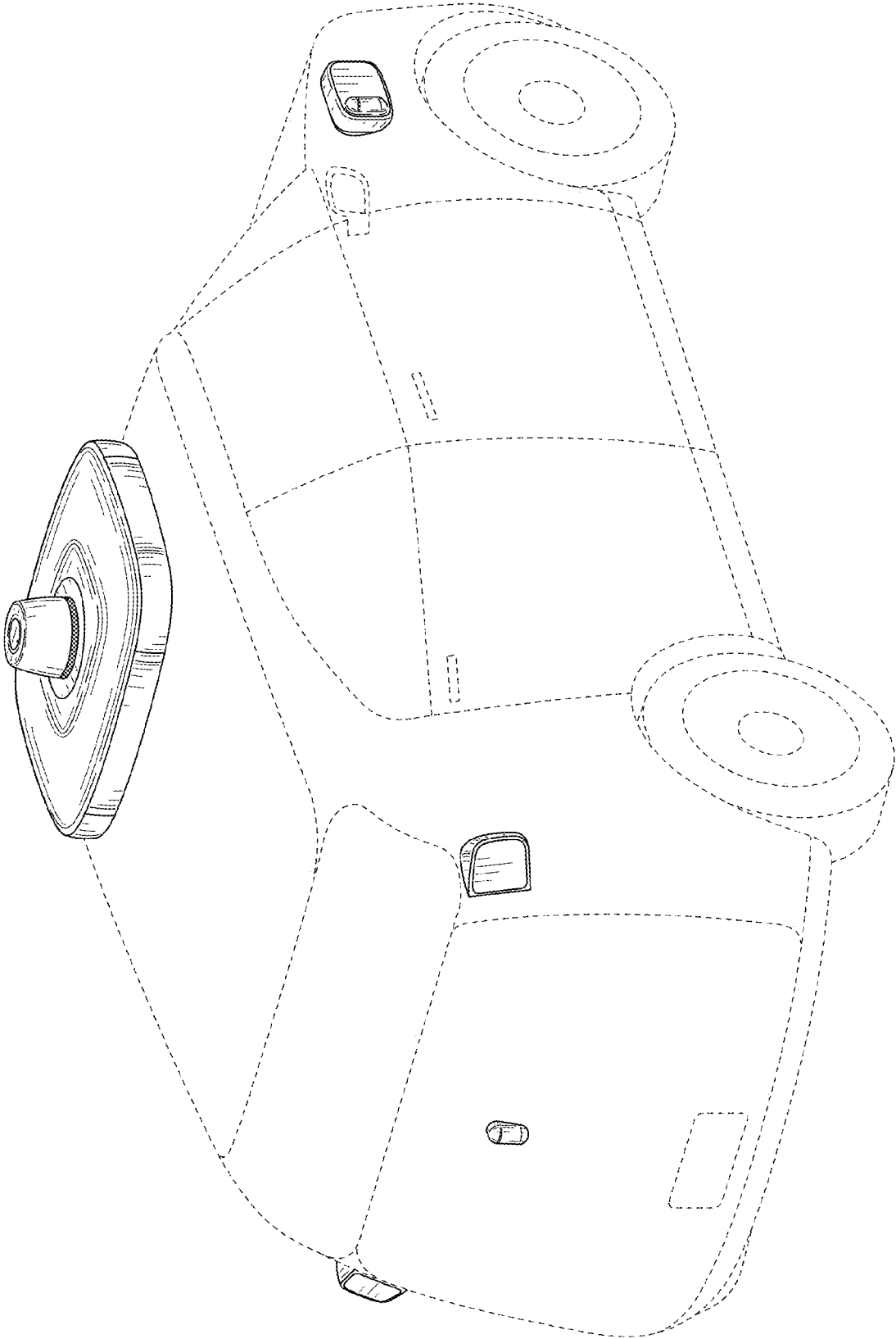


FIG. 14

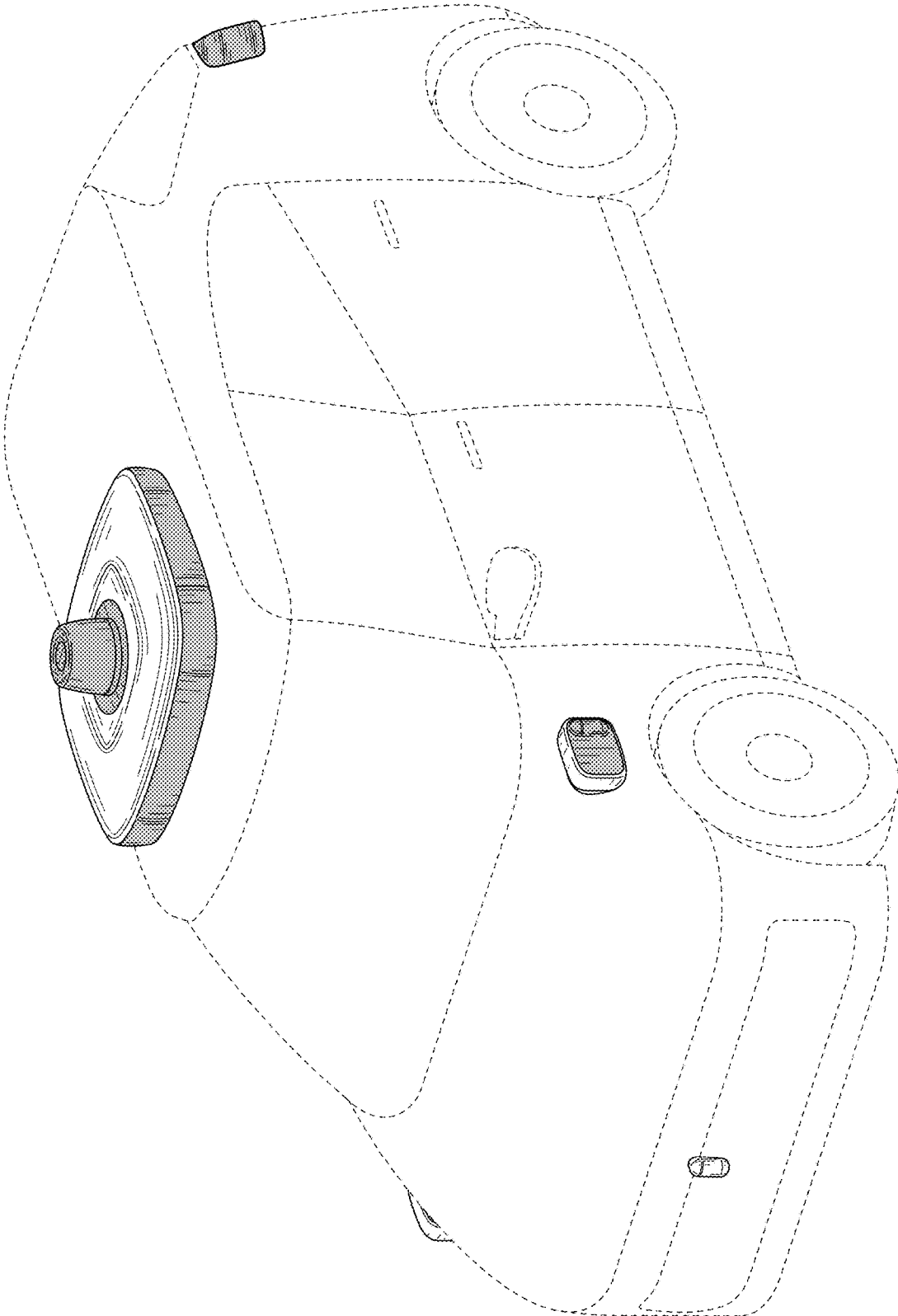


FIG. 15

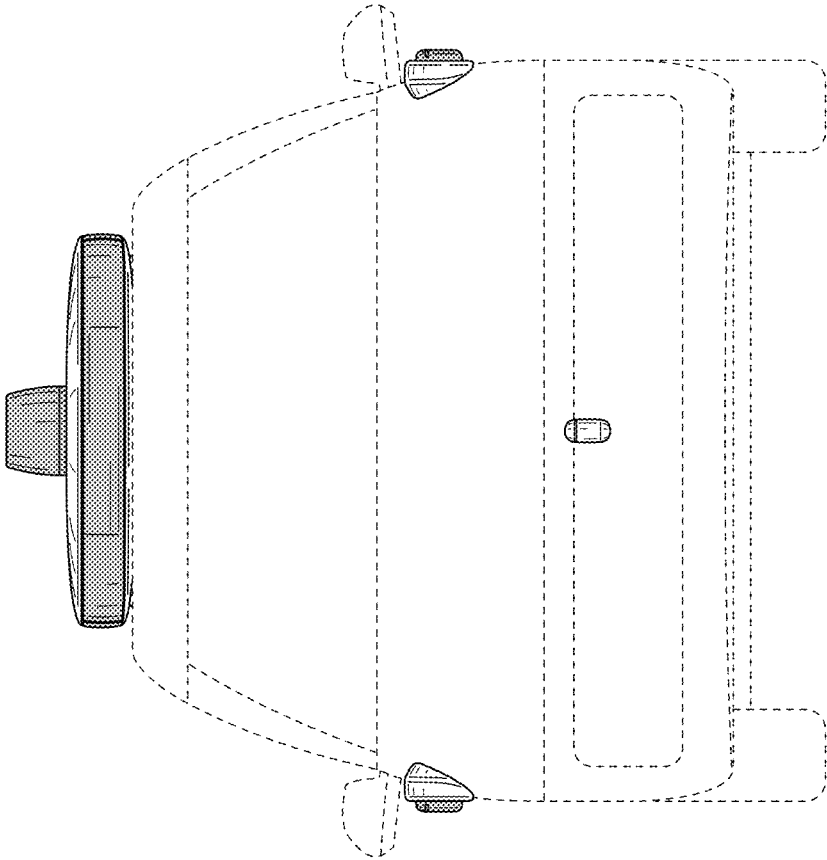


FIG. 16

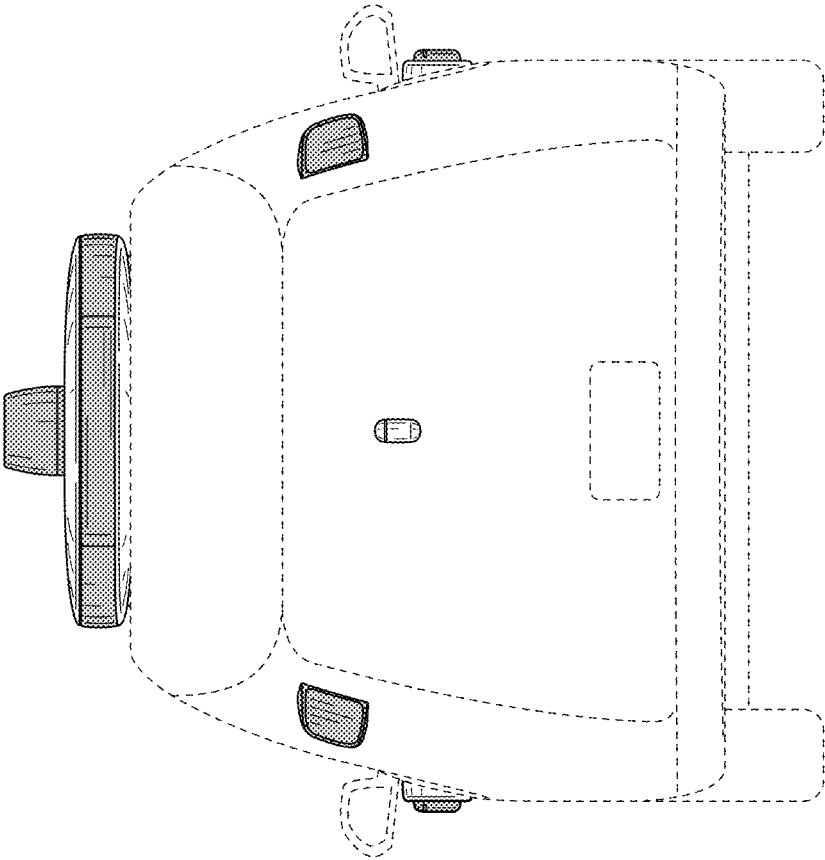


FIG. 17

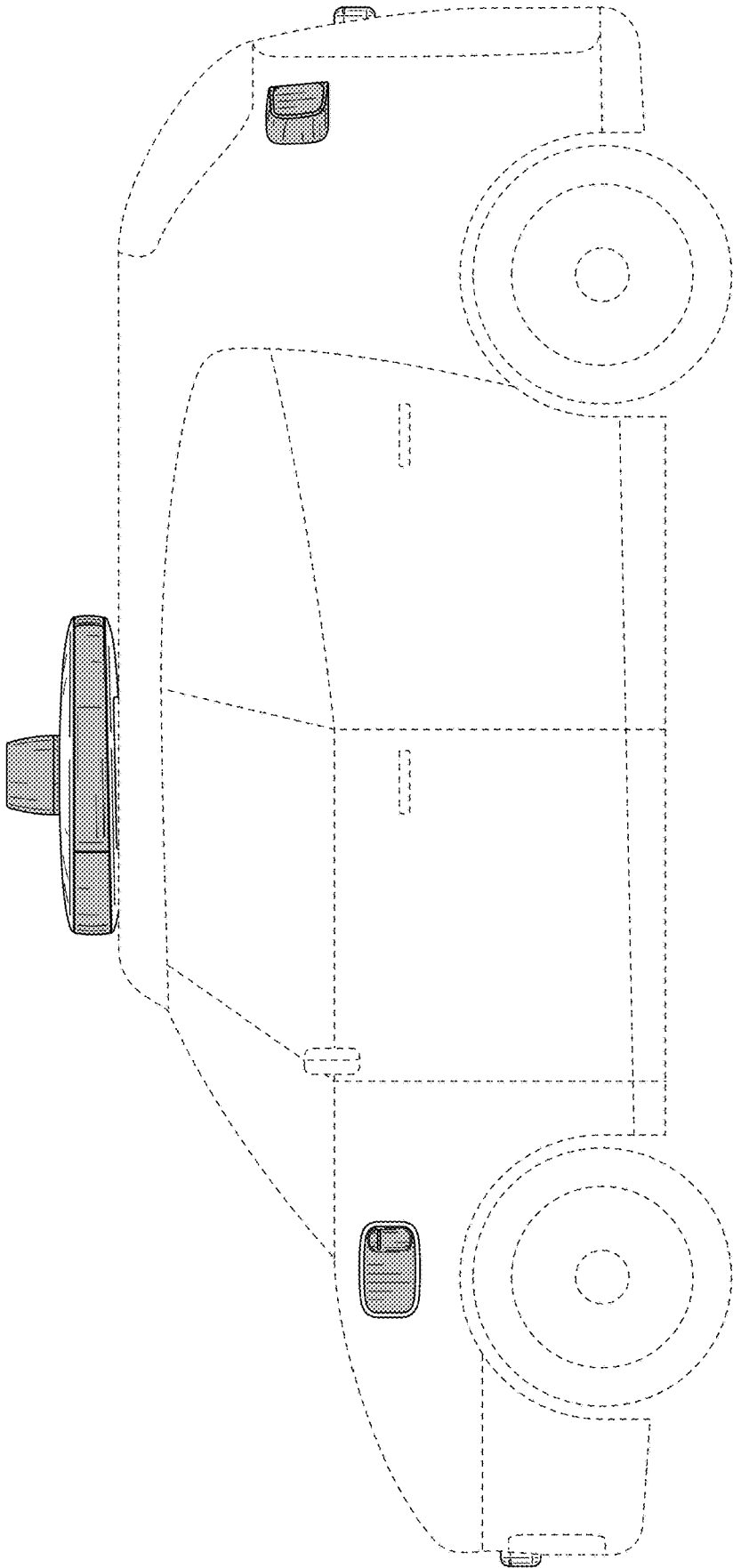


FIG. 18

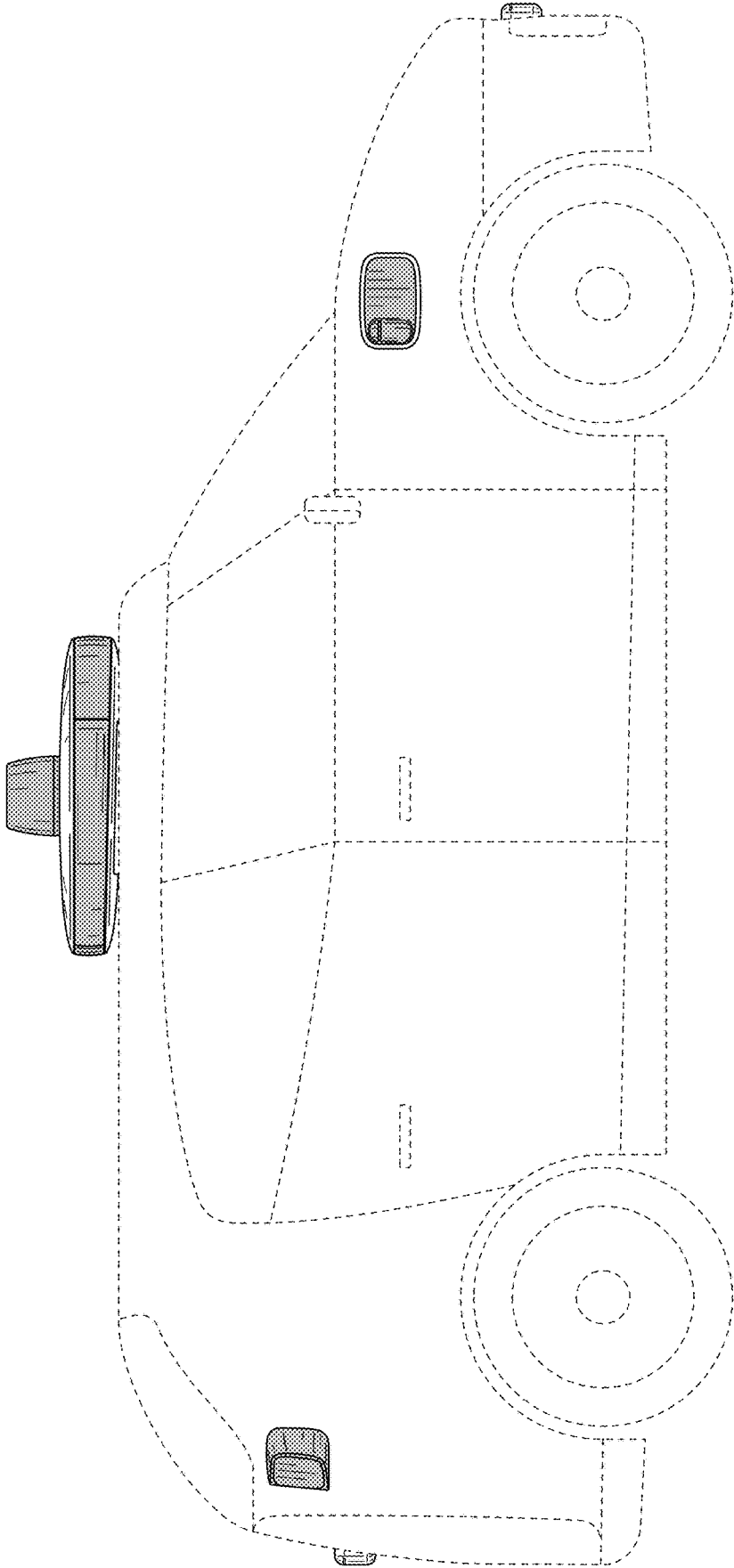


FIG. 19

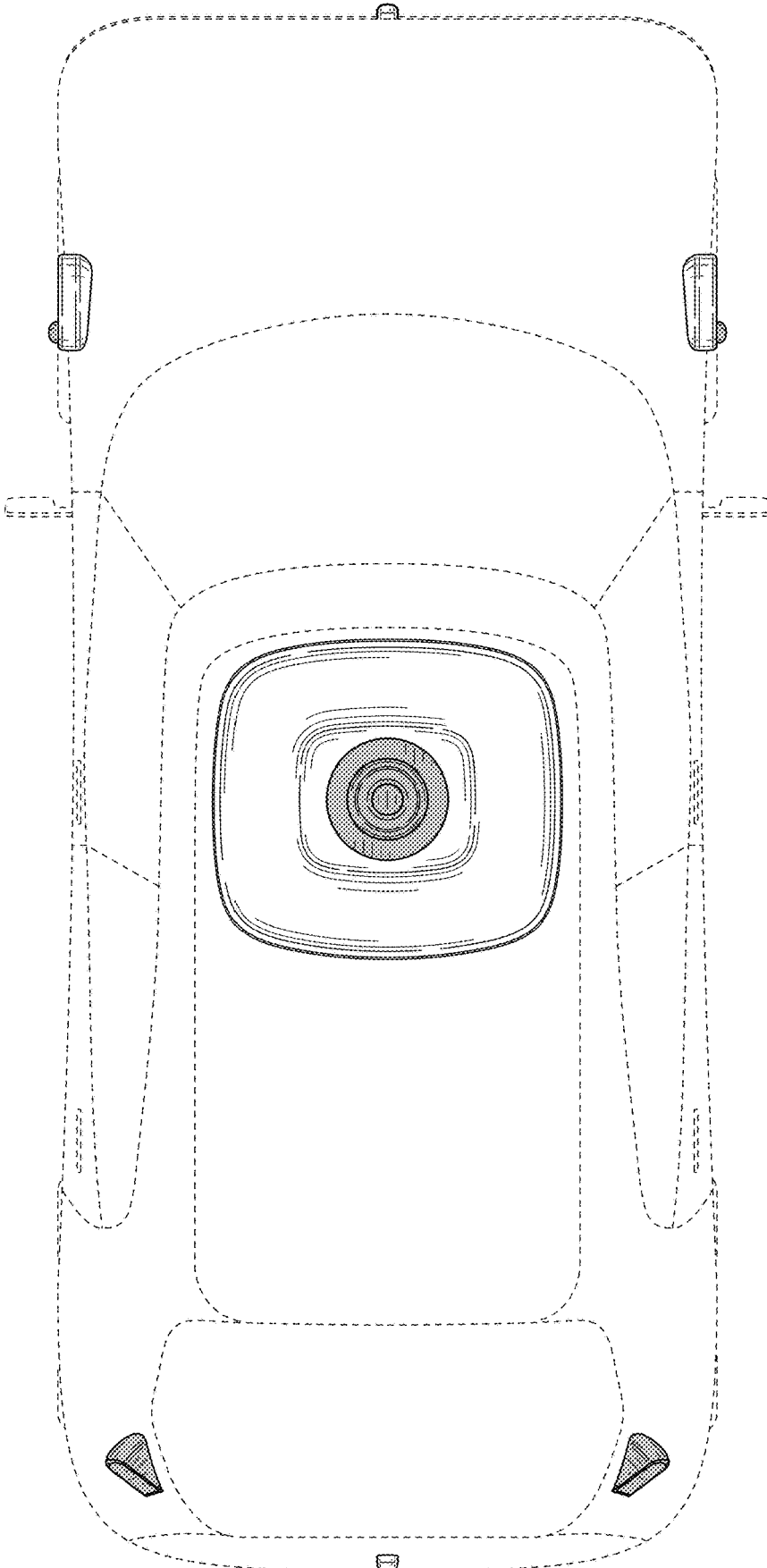


FIG. 20

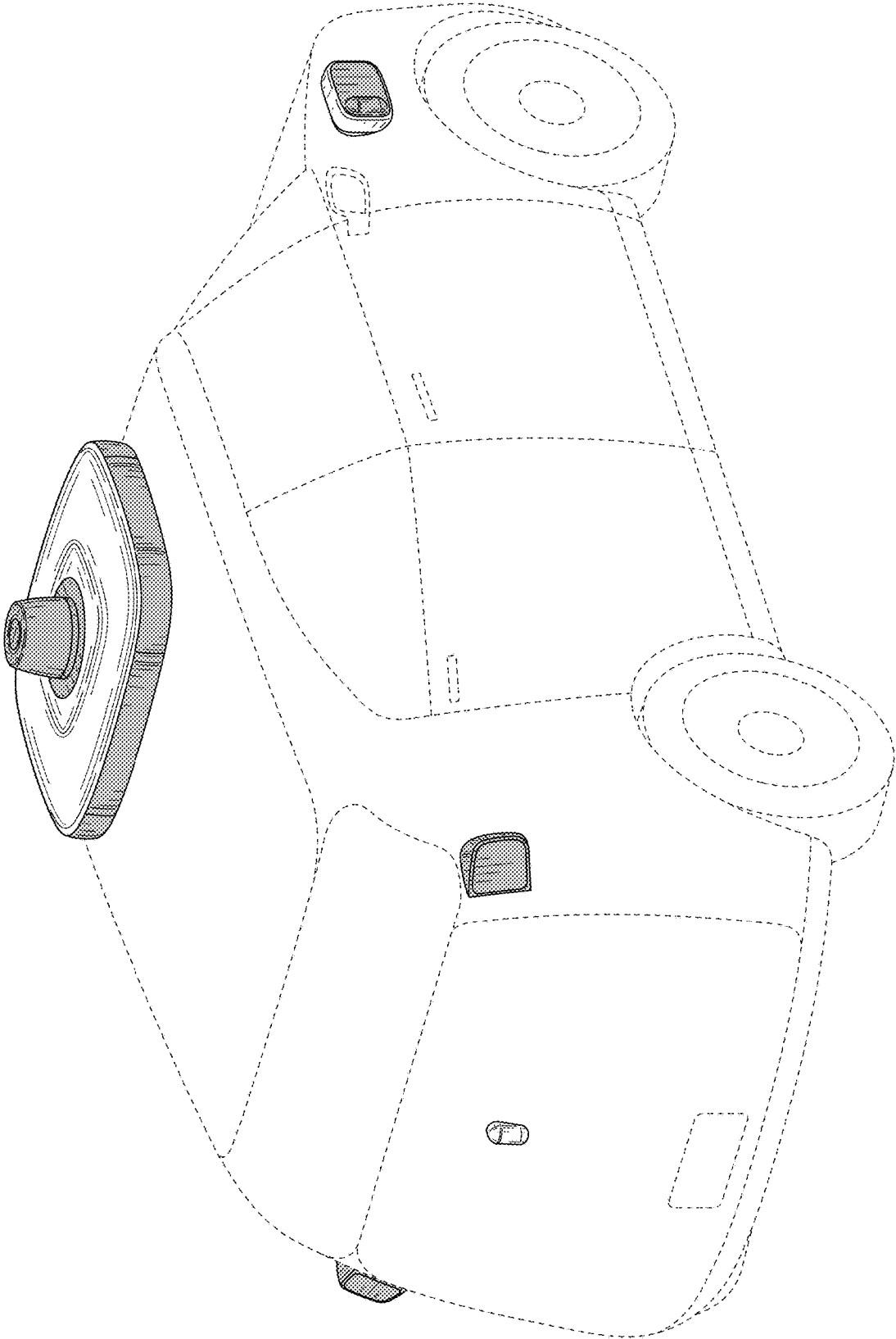


FIG. 21

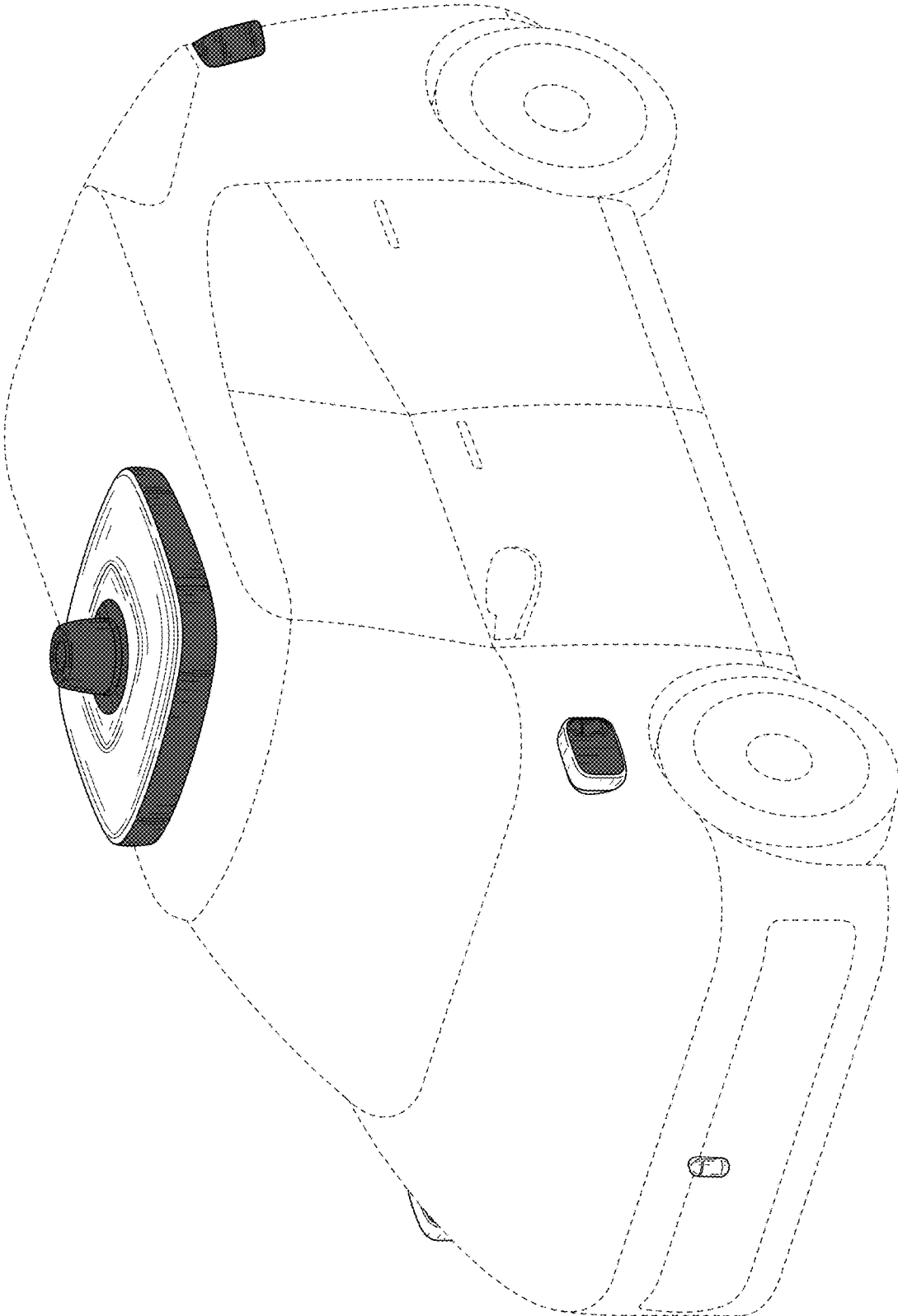


FIG. 22

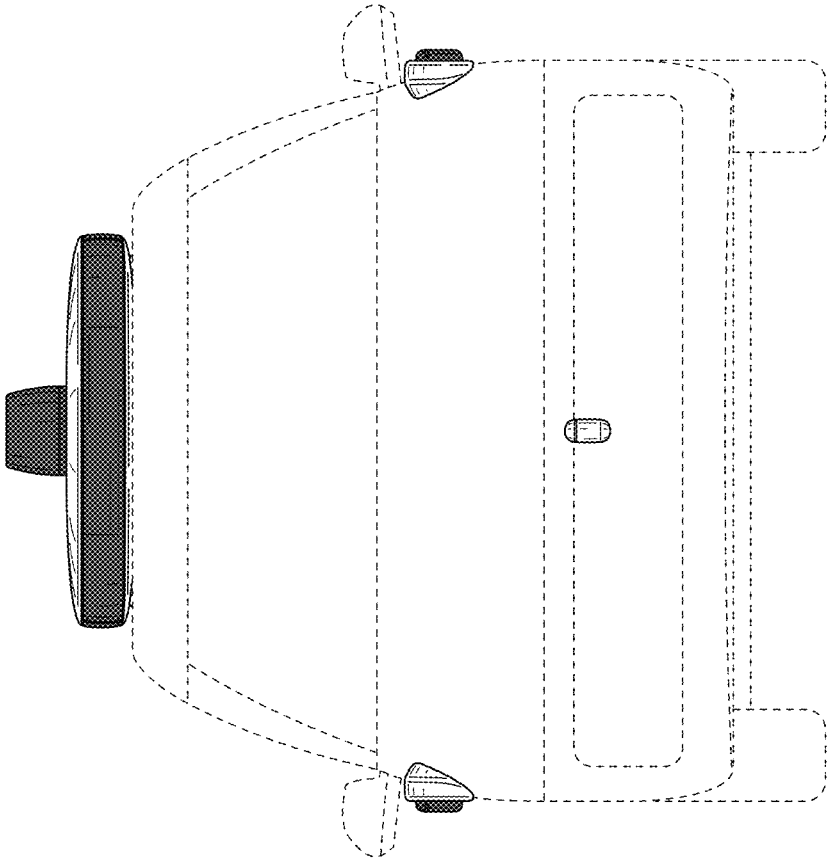


FIG. 23

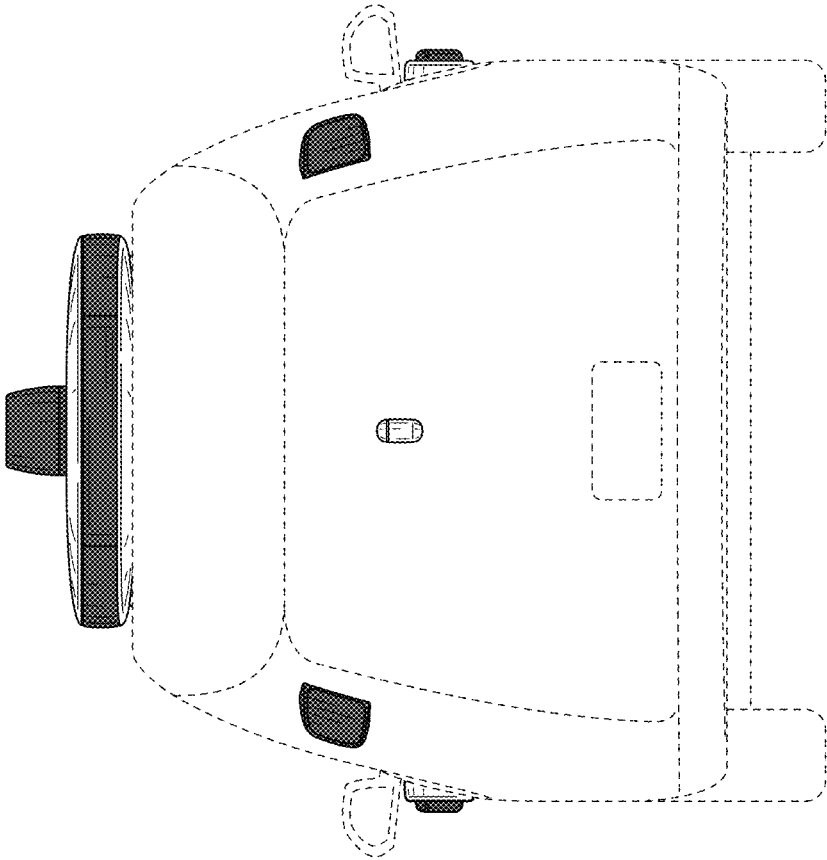


FIG. 24

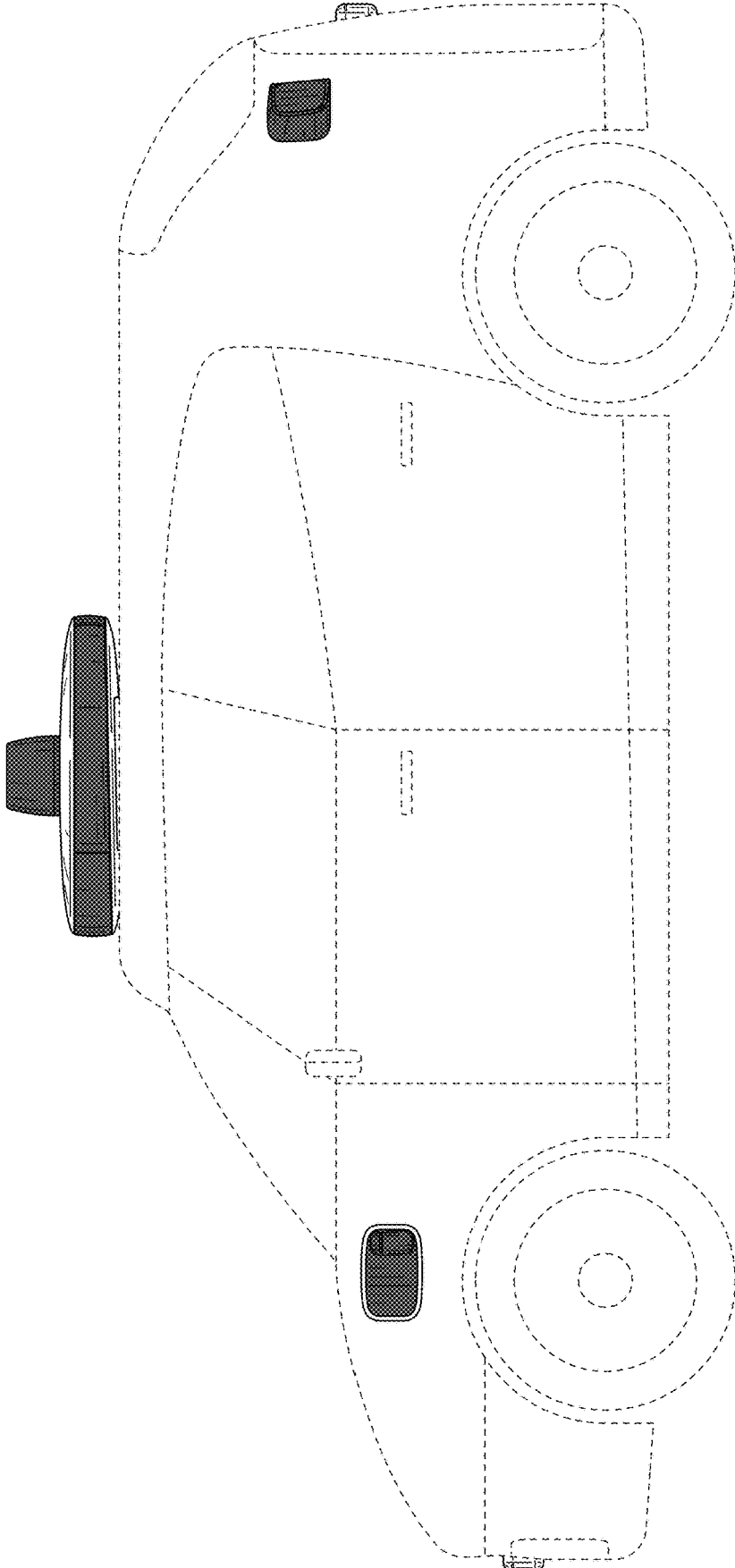


FIG. 25

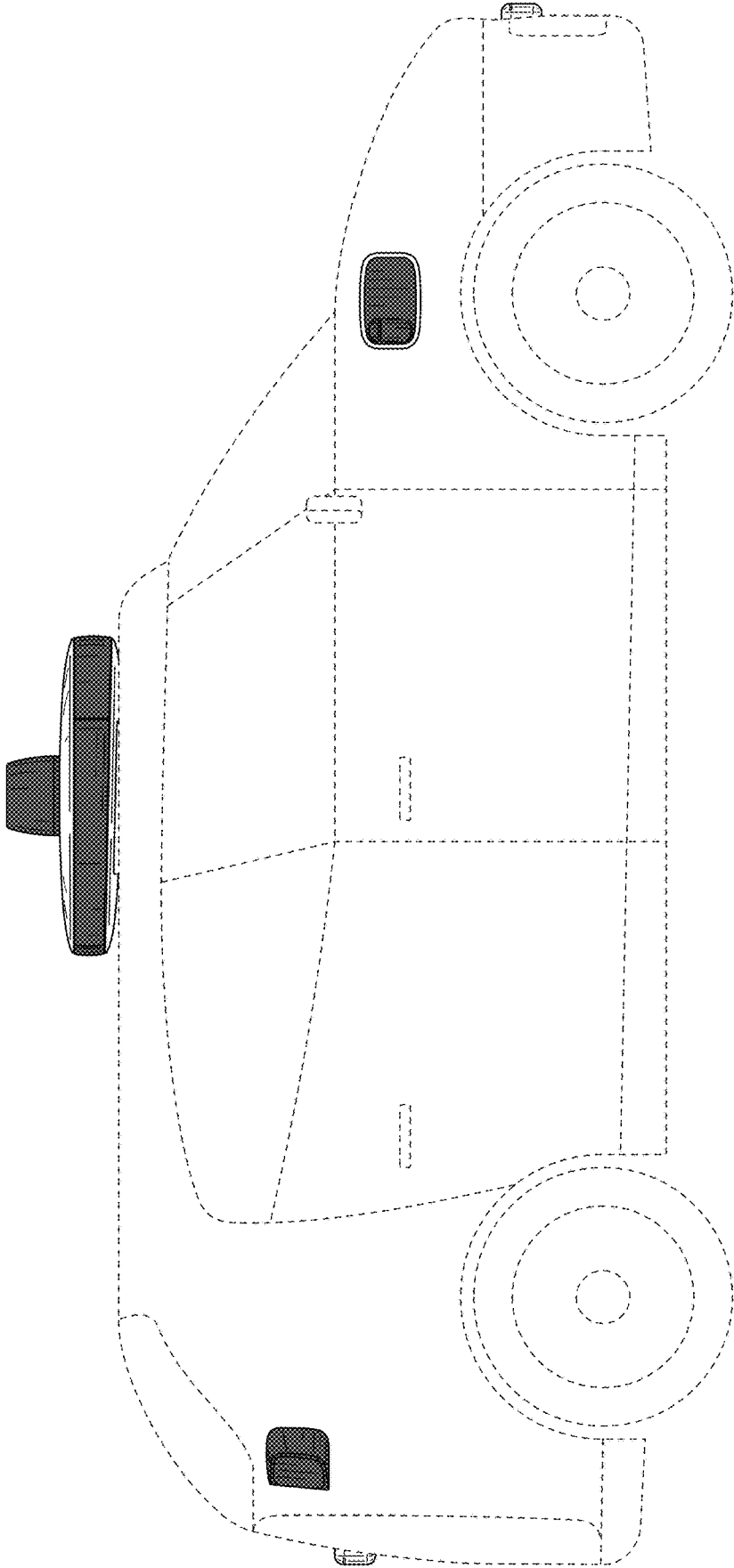


FIG. 26

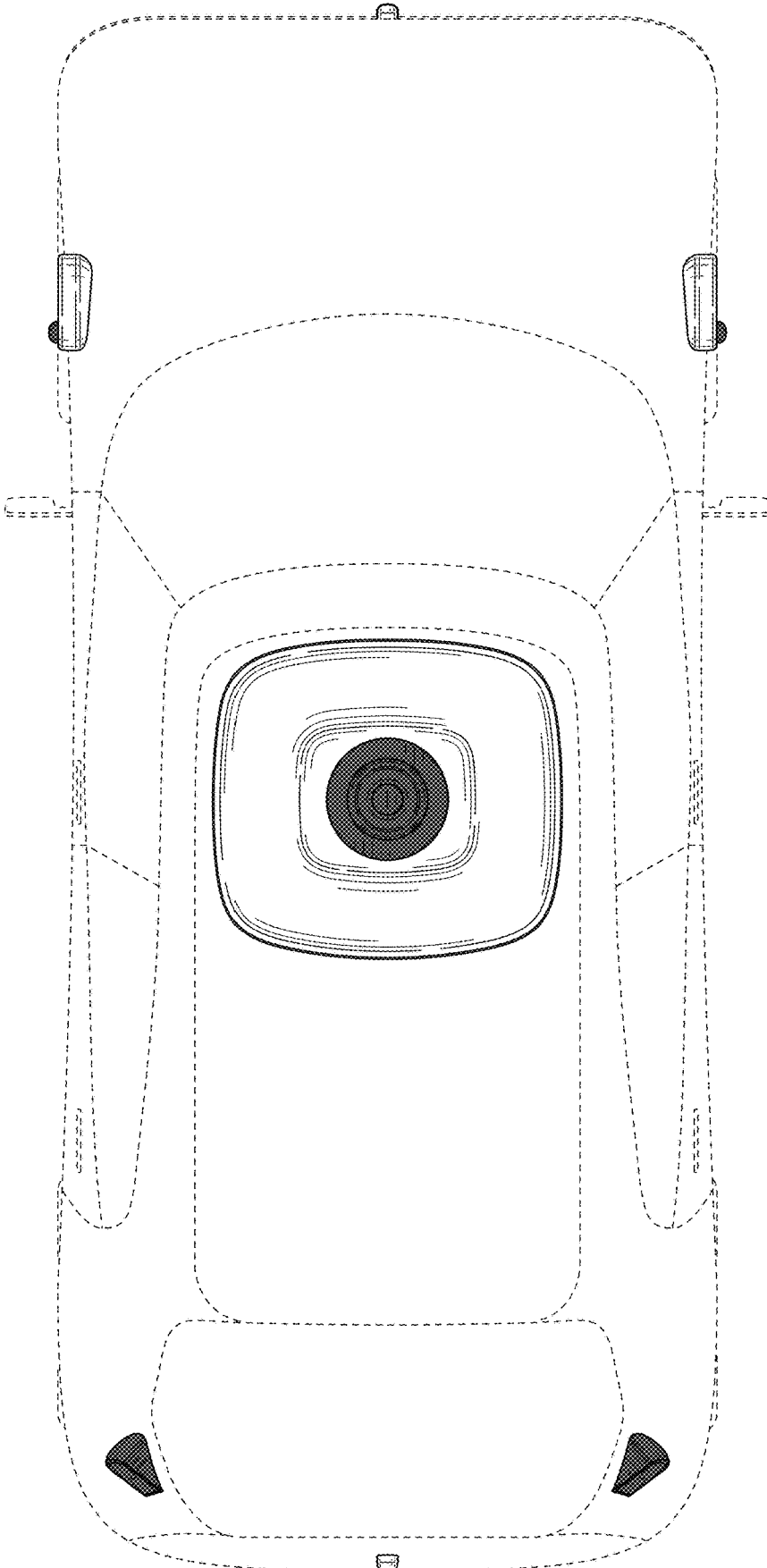


FIG. 27

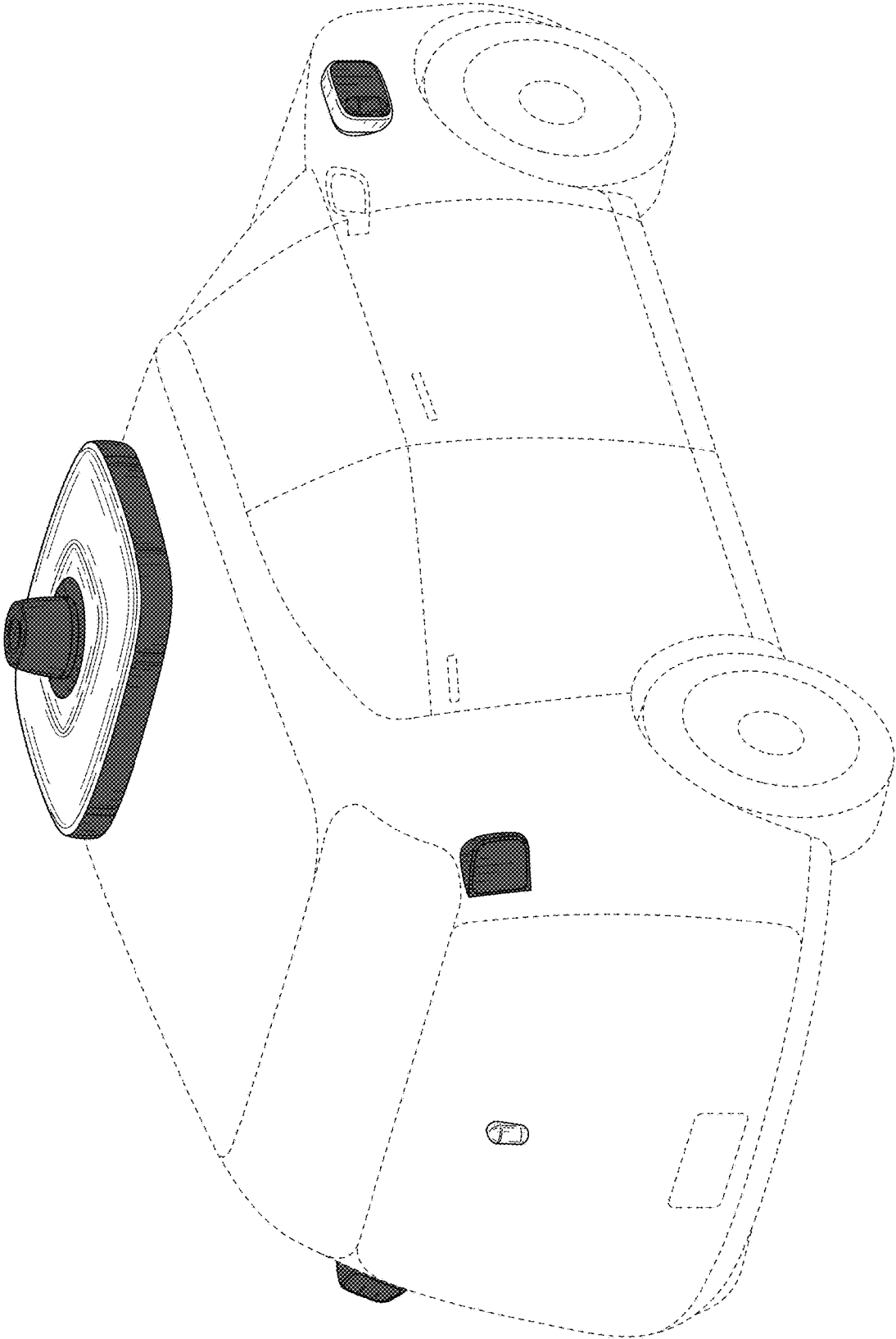


FIG. 28

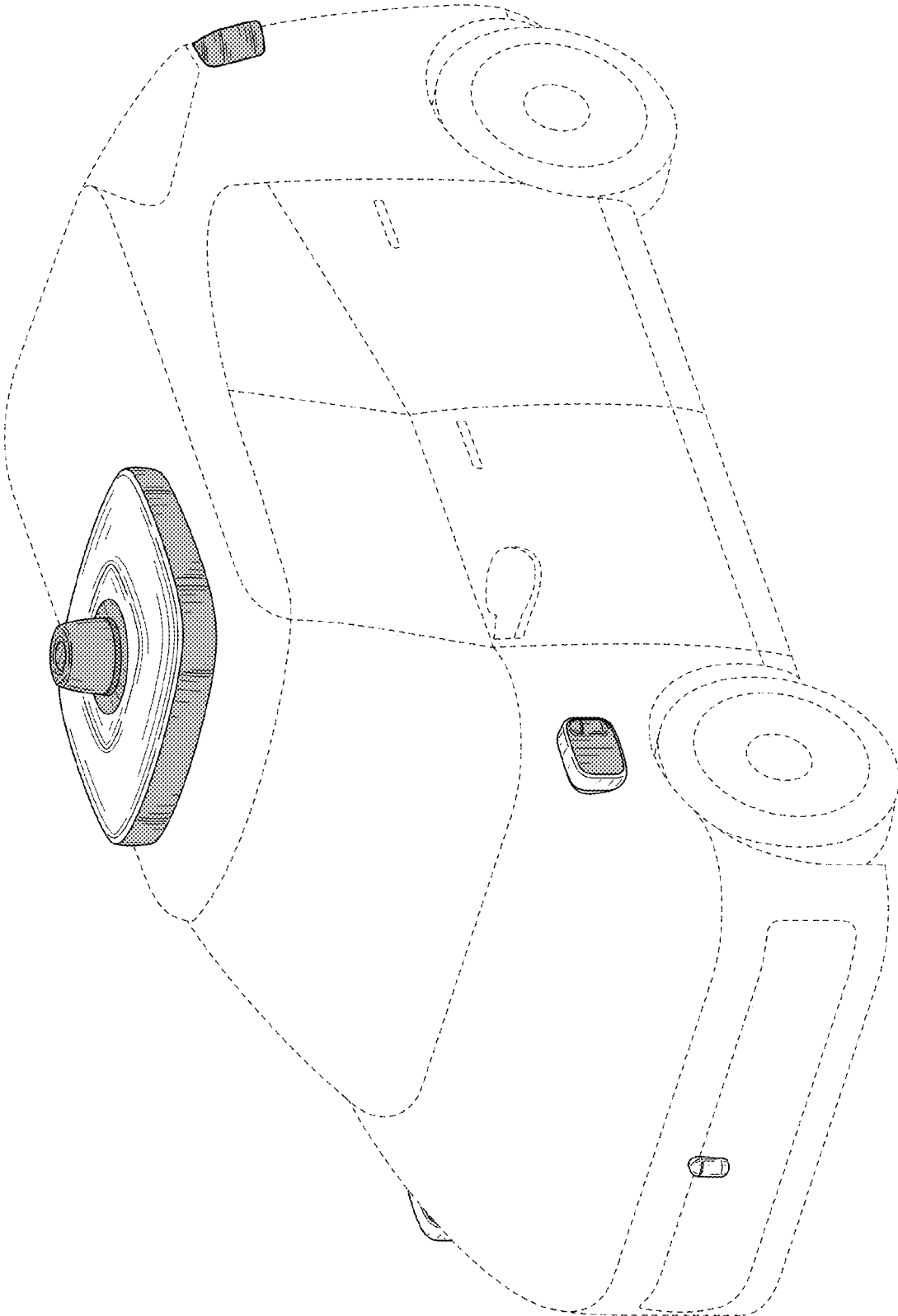


FIG. 29

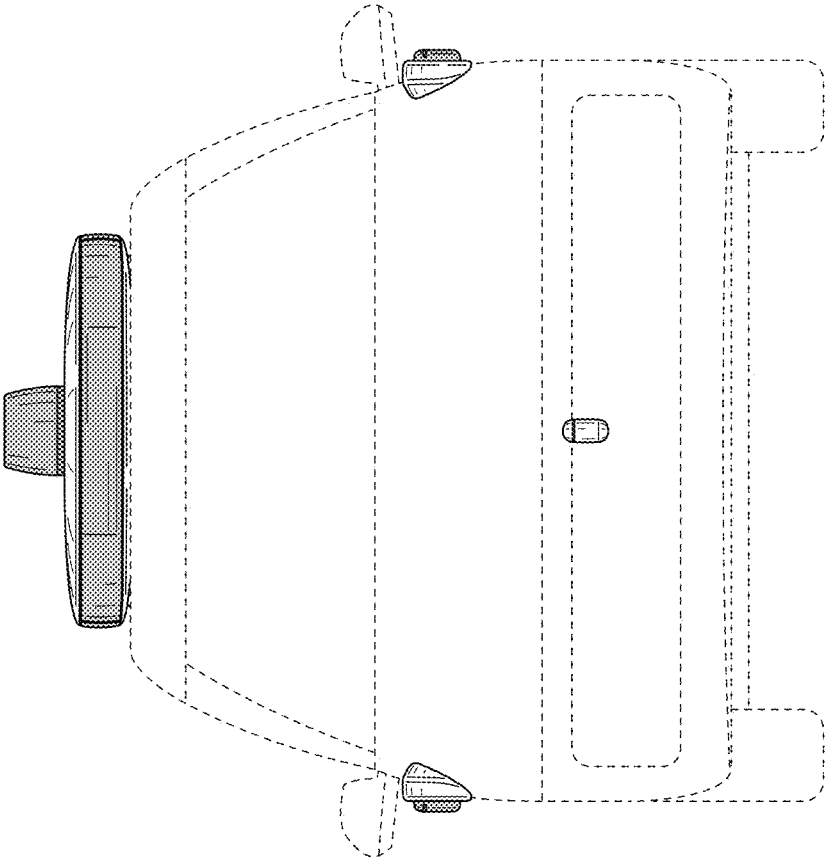


FIG. 30

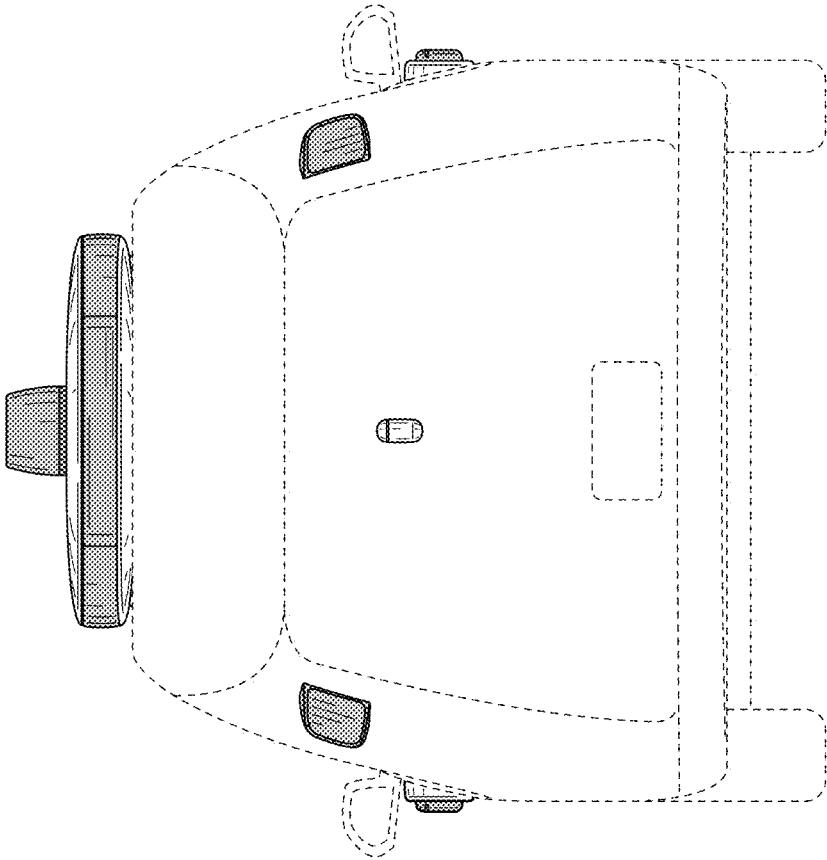


FIG. 31

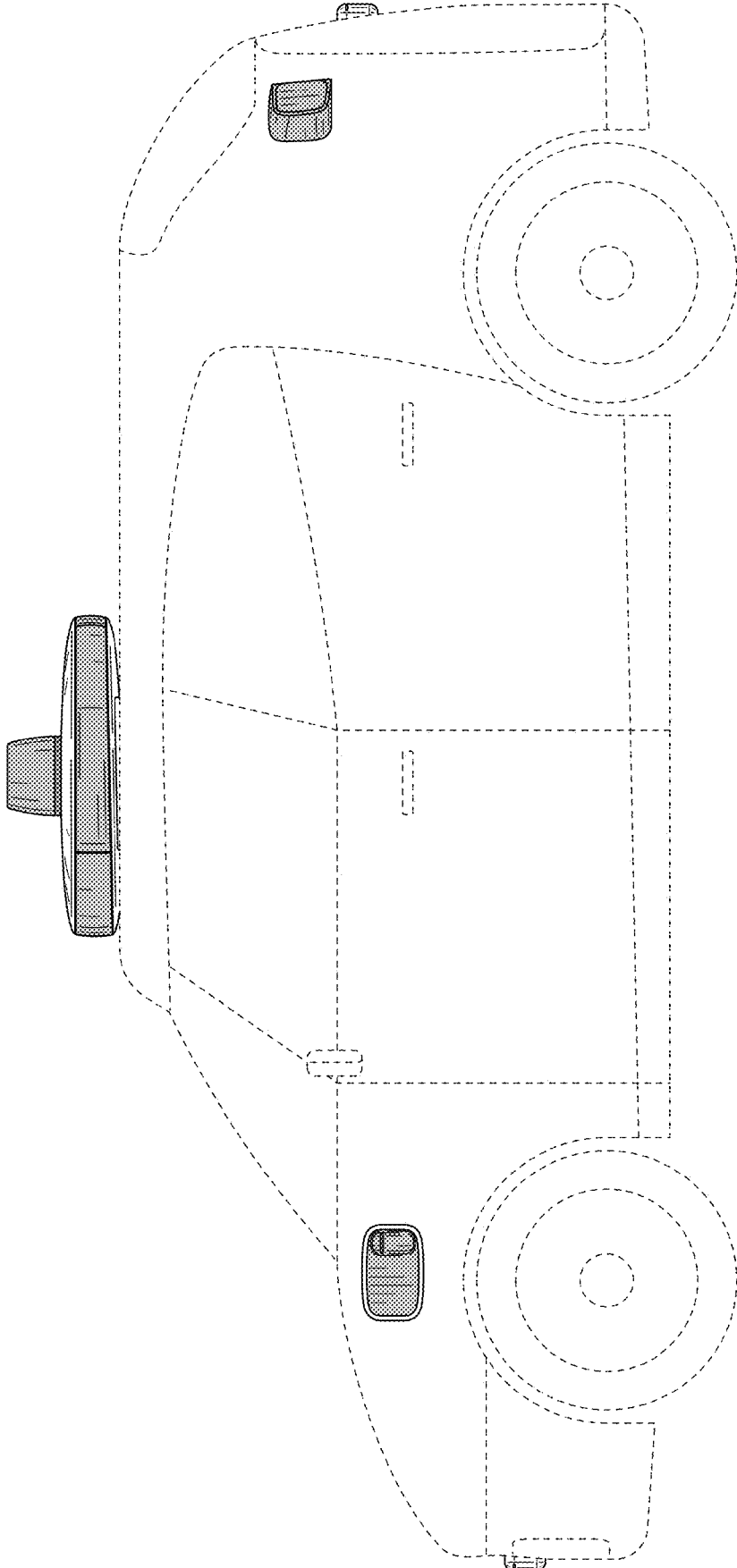


FIG. 32

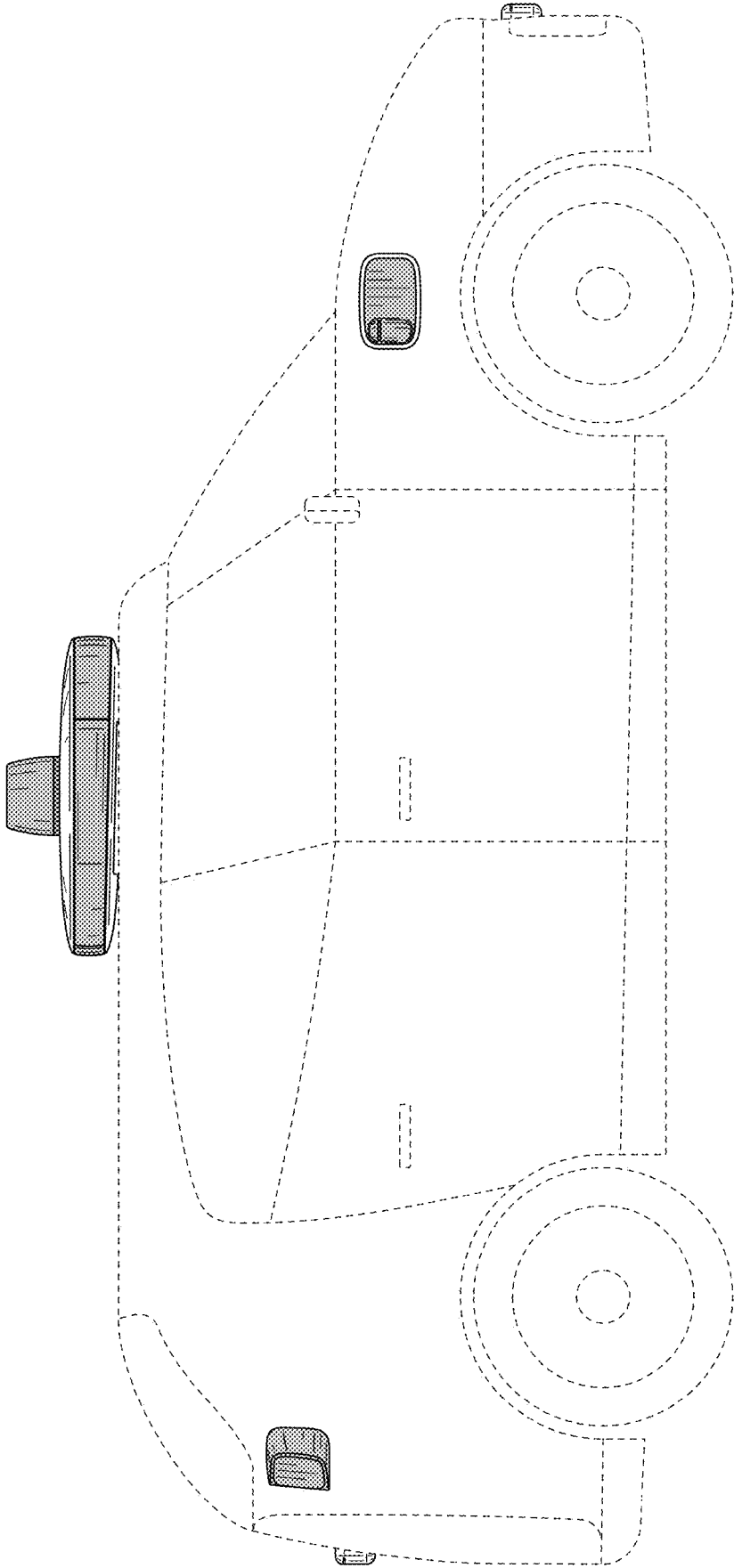


FIG. 33

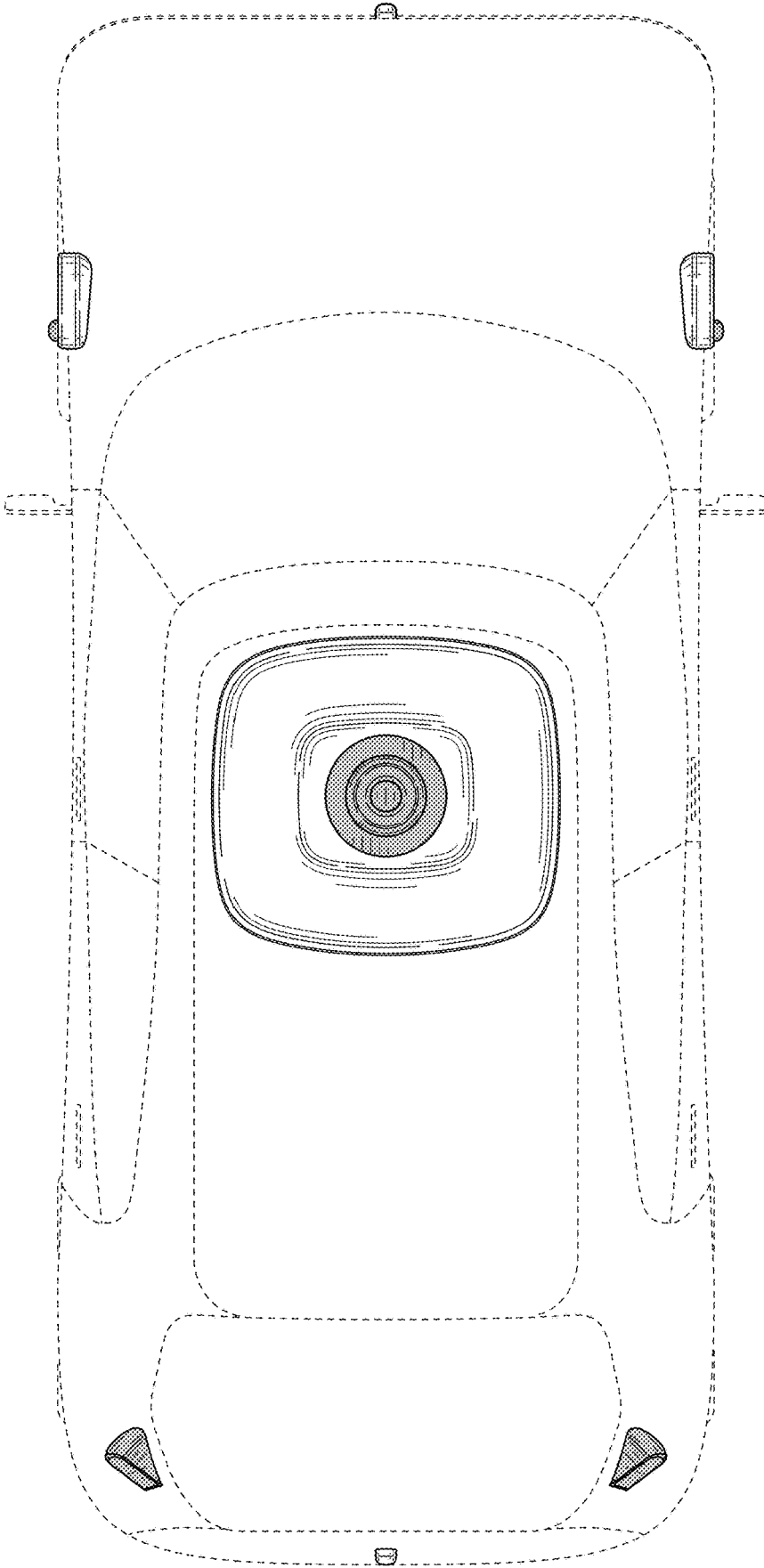


FIG. 34

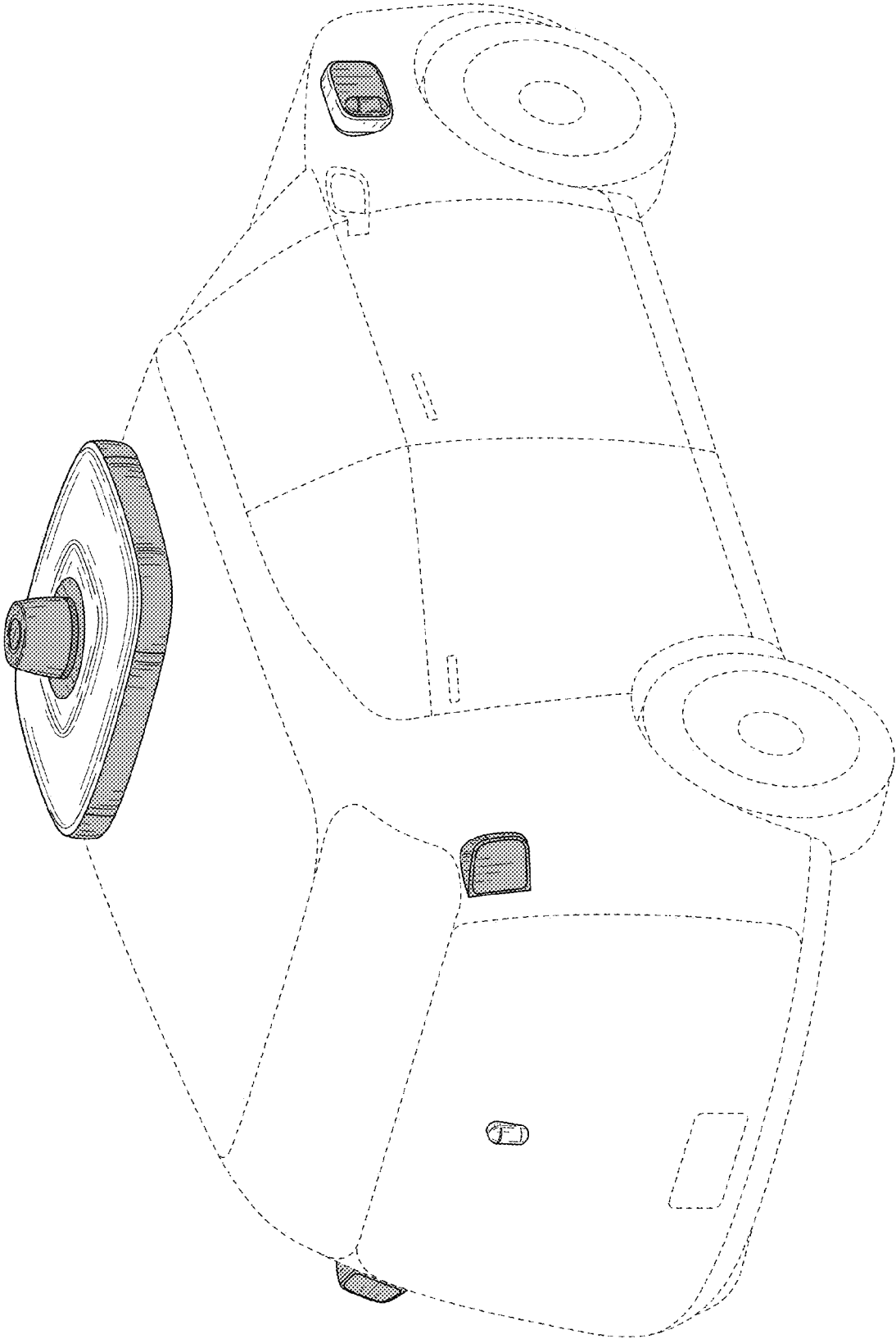


FIG. 35

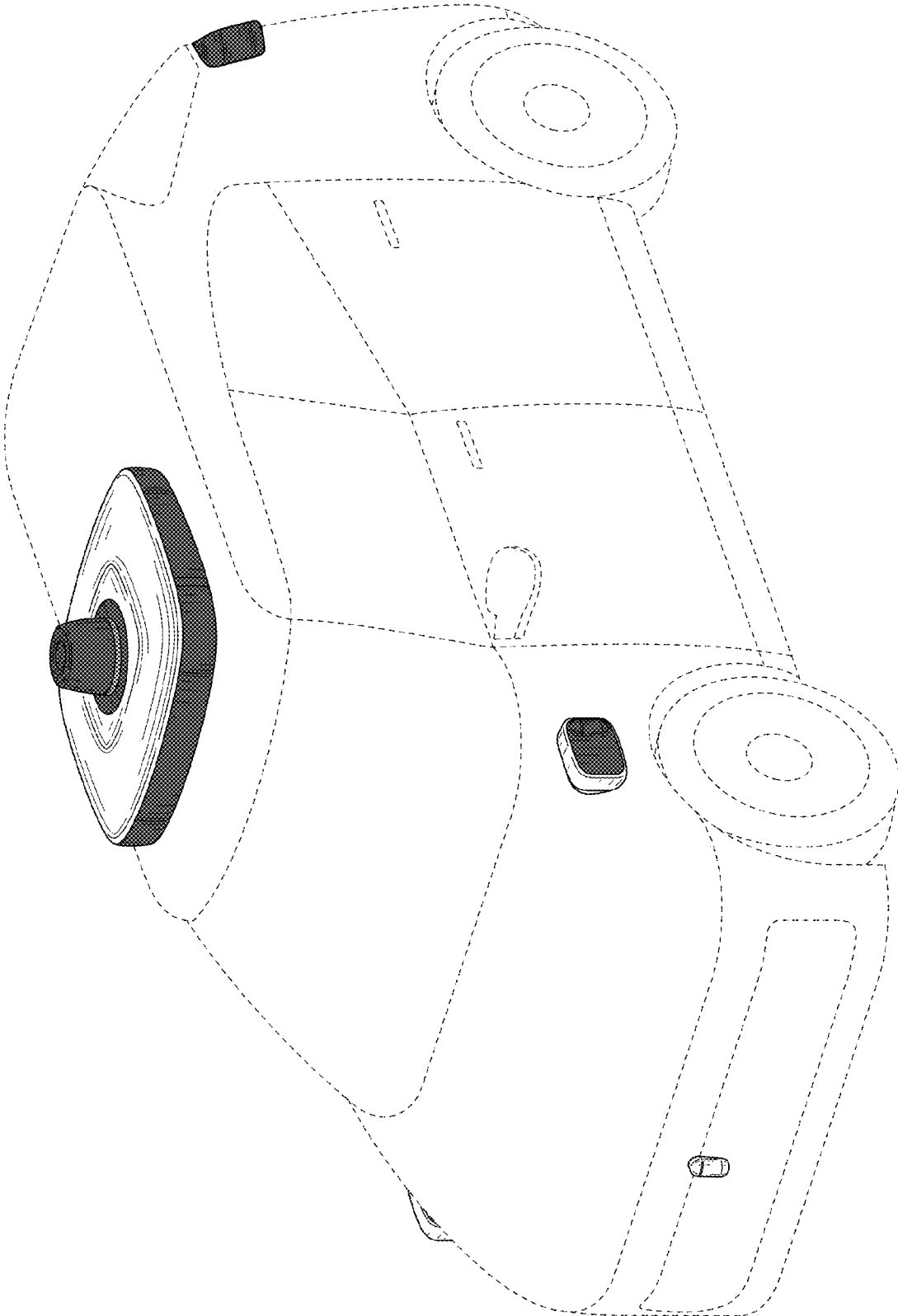


FIG. 36

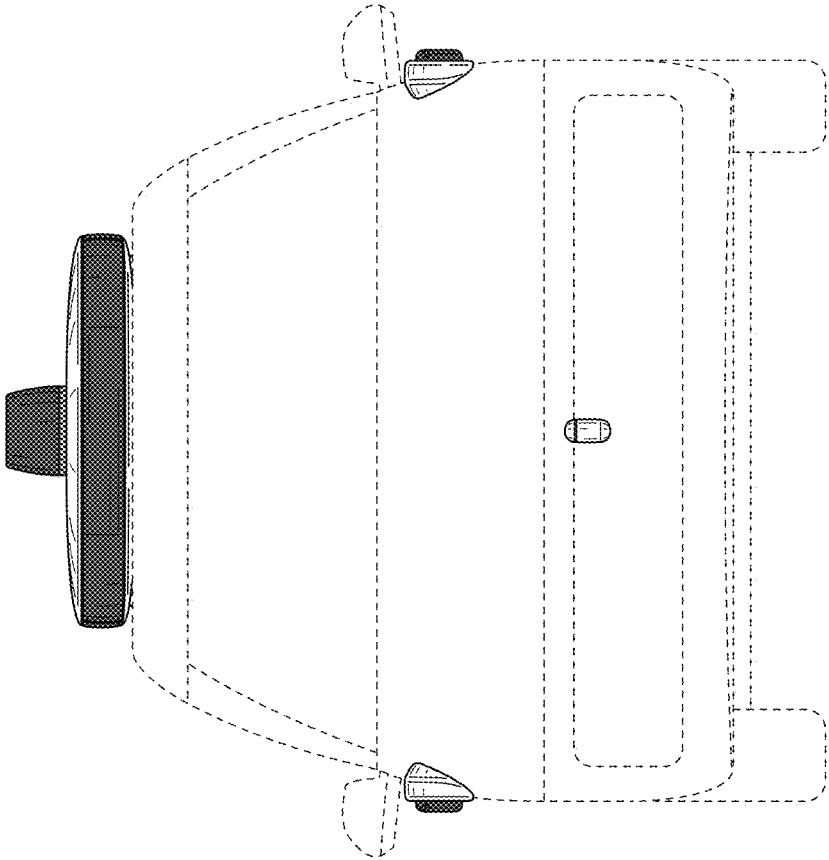


FIG. 37

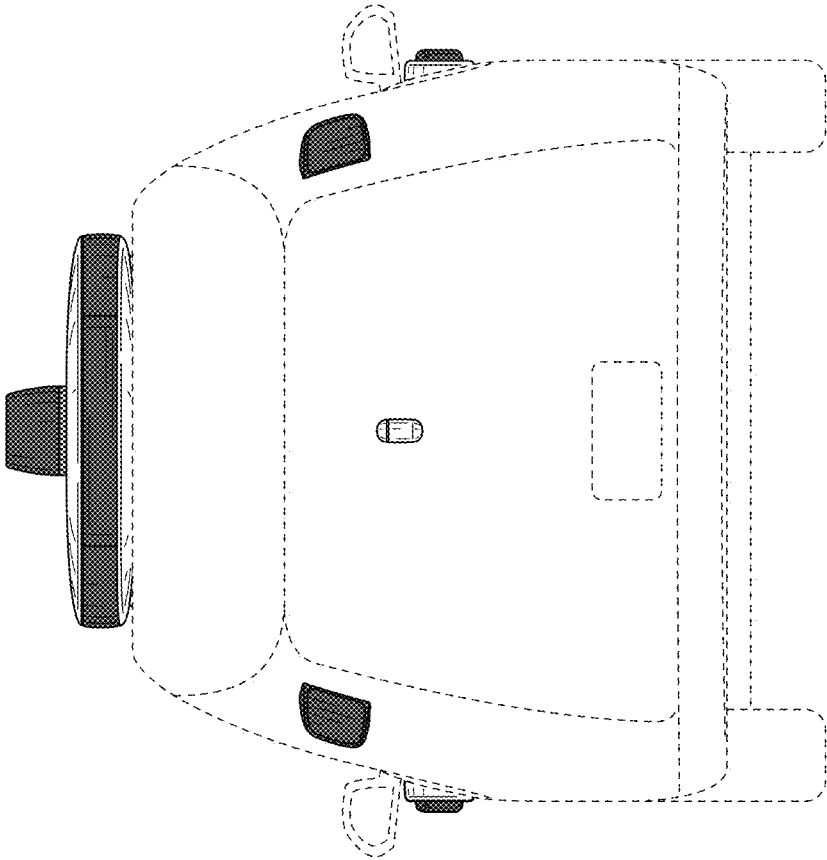


FIG. 38

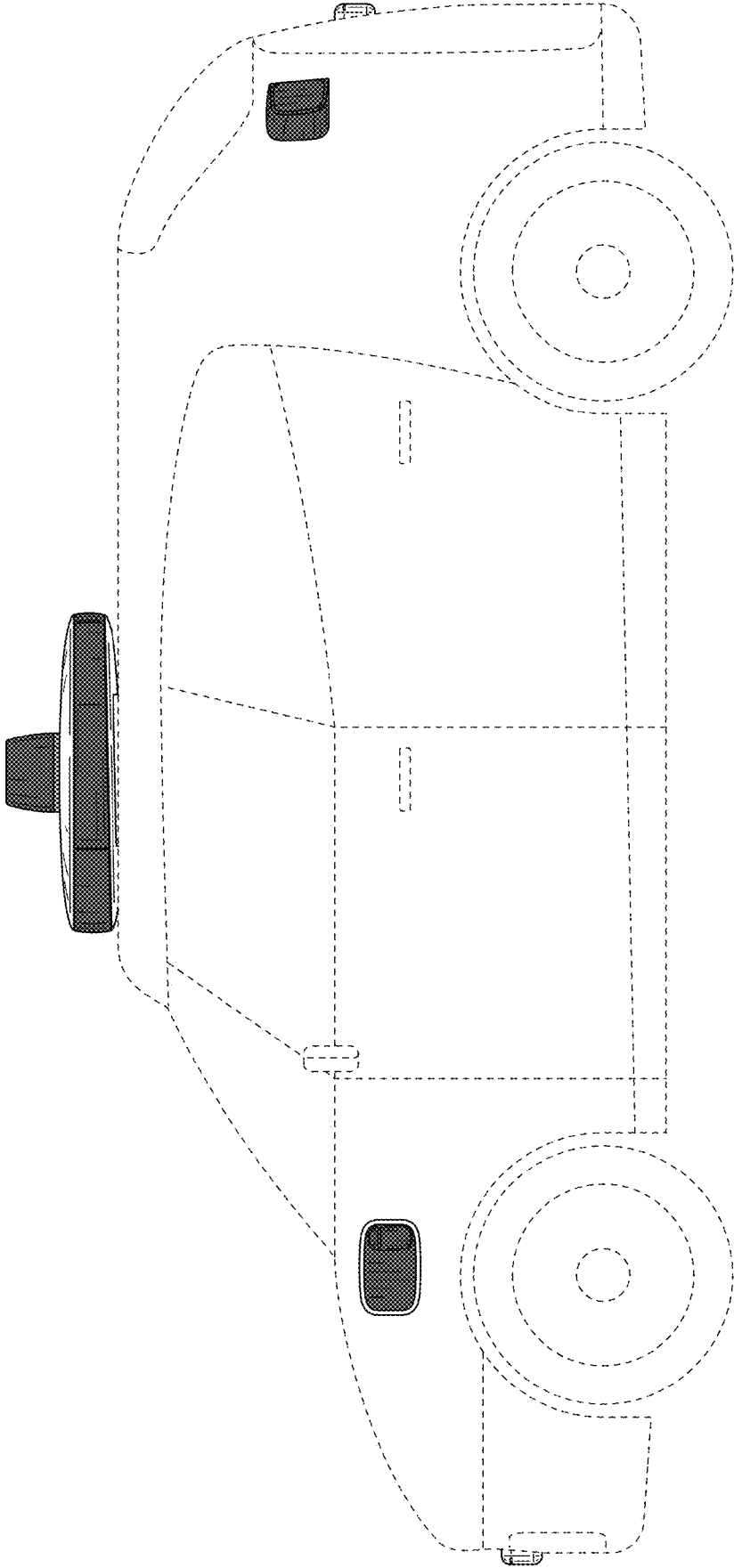


FIG. 39

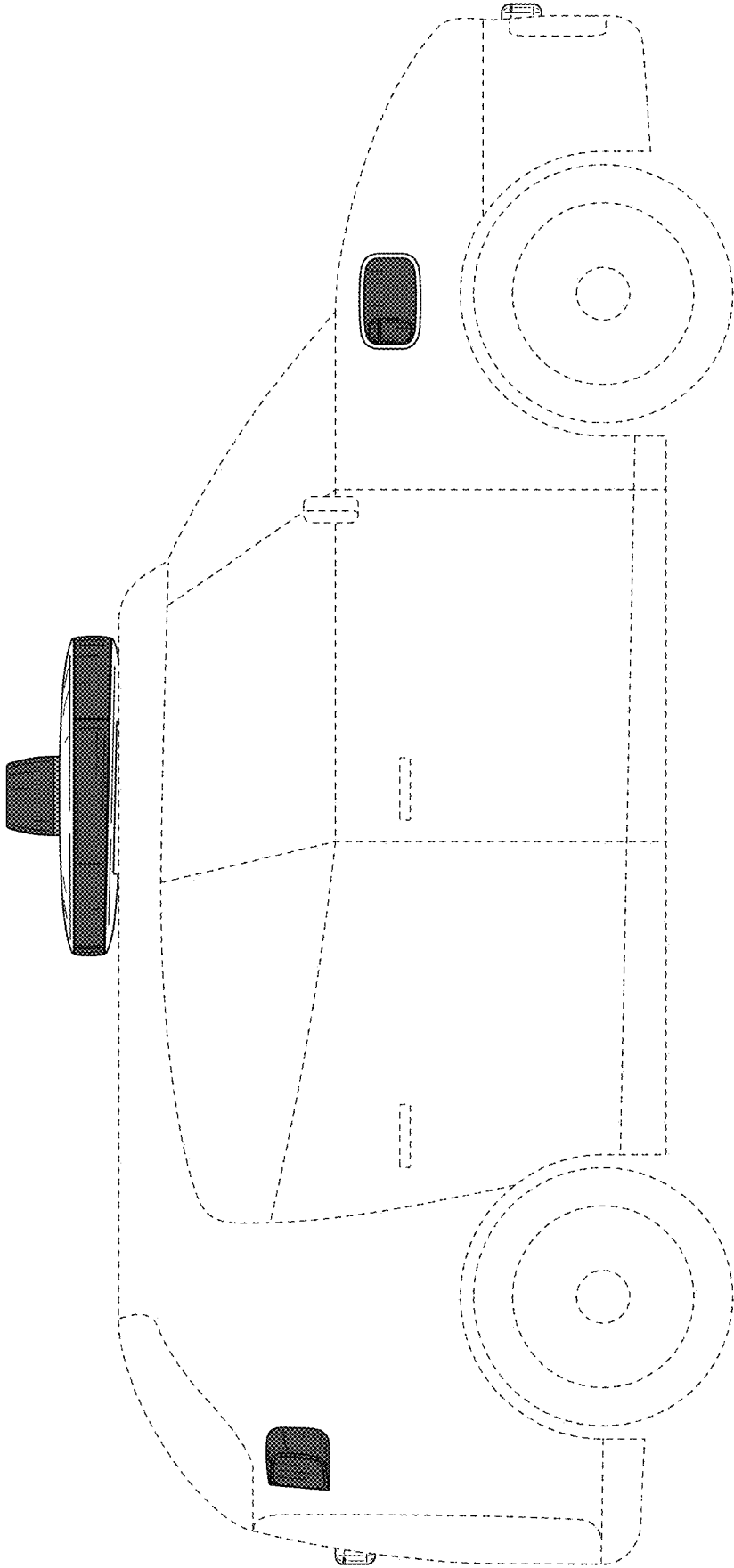


FIG. 40

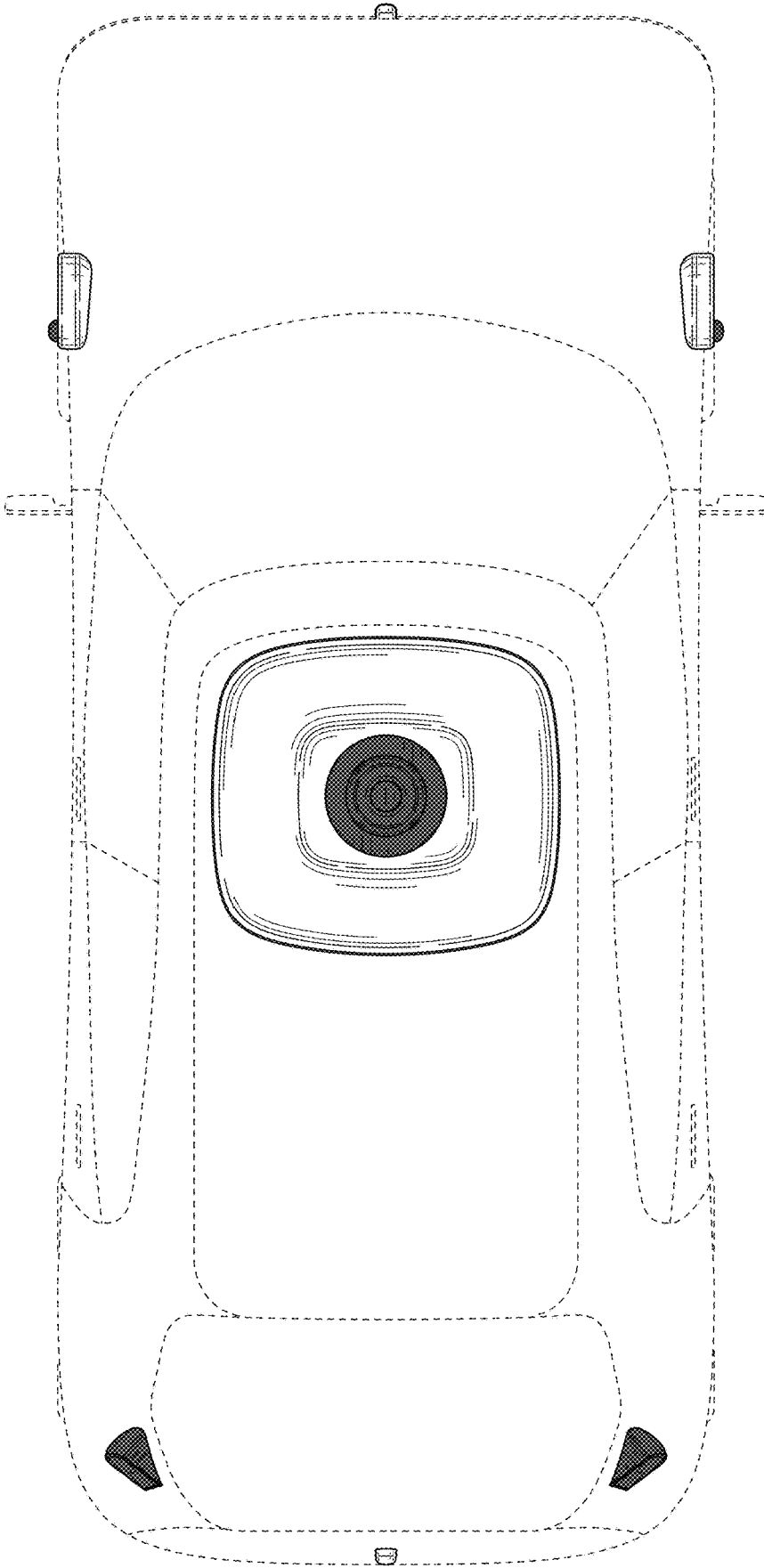


FIG. 41

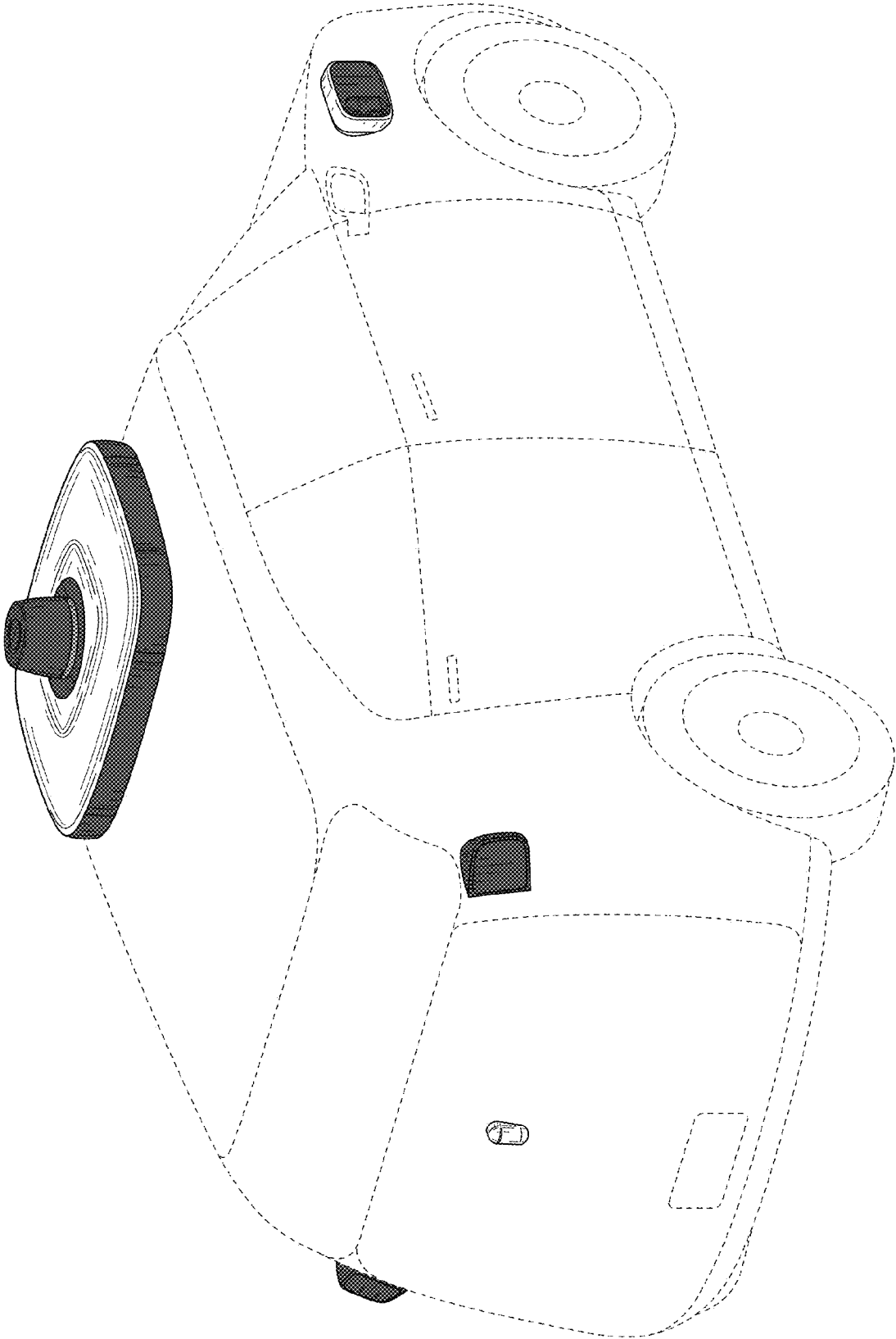


FIG. 42