US00D907589S

(12) United States Design Patent

Houdek et al.

(10) Patent No.: US D907,589 S
(45) Date of Patent: ** *Jan. 12, 2021

(54) **4 BUTTON FOB TRANSMITTER**

(71) Applicant: **TriMark Corporation**, New Hampton, IA (US)

(72) Inventors: **Julie M. Houdek**, New Hampton, IA (US); **Glen A. Marshall**, Waverly, IA (US)

(73) Assignee: **TriMark Corporation**, New Hampton, IA (US)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/694,915**

(22) Filed: **Jun. 14, 2019**

Related U.S. Application Data

(62) Division of application No. 29/649,361, filed on May 29, 2018, now Pat. No. Des. 861,619.

(51) **LOC (13) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/168**

(58) **Field of Classification Search**
USPC D13/168; D10/104.1, 106.1; D3/207, D3/208; D8/347
CPC ... B60R 2225/00; B60R 25/00; B60R 25/104; H01H 9/02; H01H 9/0214; H01H 9/0235; G07C 9/00944; G05B 1/01; E05B 19/0082; E05B 19/04; Y10T 70/8676
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D390,195	S	2/1998	Chen
D407,006	S	3/1999	Sacco et al.
D441,185	S	5/2001	Shimizu et al.
D441,524	S	5/2001	Shimizu et al.
D461,047	S	8/2002	Peterson
D475,353	S	6/2003	Flick
D478,720	S	8/2003	Lo
6,852,929	B2	2/2005	Scudder
D508,862	S	8/2005	Behar et al.
D514,527	S	2/2006	DiPasquale
D515,515	S	2/2006	Li
D528,990	S	9/2006	Li
7,242,278	B2	7/2007	Sugimoto et al.
D556,701	S	12/2007	Nohara et al.
D560,352	S	1/2008	Cadiz et al.
D563,097	S	3/2008	Reichling et al.
D576,959	S	9/2008	Aldape et al.
D576,960	S	9/2008	Aldape et al.
D590,780	S	4/2009	Deboer et al.
7,657,226	B2	2/2010	Gisler
D622,710	S	8/2010	Goransson
7,839,655	B2	11/2010	Clark

(Continued)

Primary Examiner — Selina Sikder
(74) *Attorney, Agent, or Firm* — McKee, Voorhees & Sease, PLC

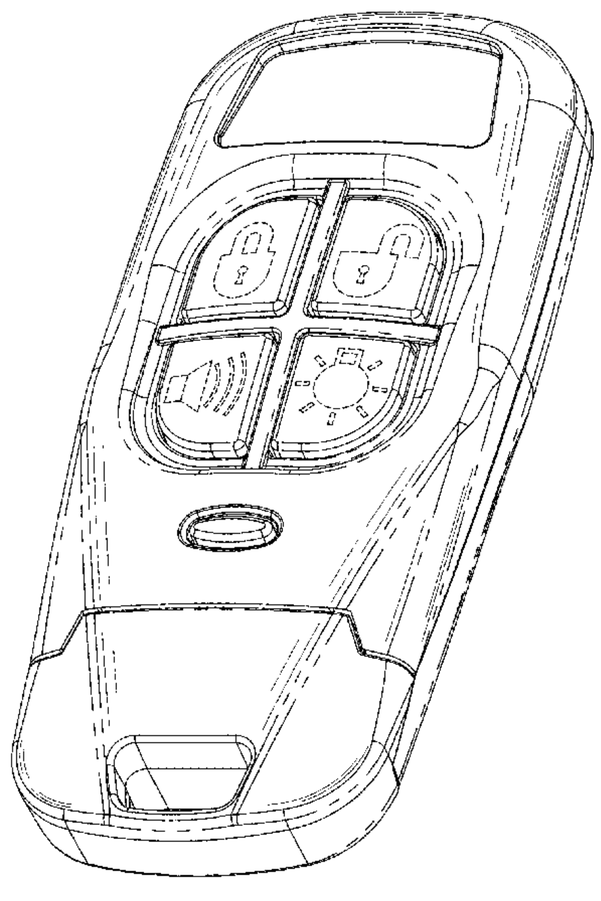
(57) **CLAIM**

We claim the ornamental design for a 4 button fob transmitter, substantially as shown.

DESCRIPTION

FIG. **1** is a front perspective view of the 4-button key fob transmitter of the present invention.
FIG. **2** is a rear perspective of the key fob.
FIG. **3** is a front elevation view of the key fob.
FIG. **4** is a rear elevation view of the key fob.
FIG. **5** is a right side elevation view of the key fob.
FIG. **6** is a left side elevation view of the key fob.
FIG. **7** is a top plan view of the key fob; and,
FIG. **8** is a bottom plan view of the key fob.
Figures show the key fob with structure shown in broken lines that are not a part of the claimed invention.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D639,547	S	6/2011	Stefanov	
D680,732	S	4/2013	Nagy	
D696,738	S	12/2013	Otto	
D710,314	S	8/2014	Safford	
D712,381	S	9/2014	Hwang et al.	
D721,660	S	1/2015	Wang	
D725,607	S	3/2015	Kandler et al.	
D730,150	S	5/2015	Kirzinger et al.	
D733,074	S	6/2015	Kandler et al.	
D734,607	S	7/2015	Leetz	
9,347,244	B2	5/2016	Lu	
D803,792	S	11/2017	Houdek et al.	
D832,678	S	11/2018	Sarpola	
D844,574	S	4/2019	Kandler	
D861,619	S *	10/2019	Houdek	D13/168
2002/0008610	A1	1/2002	Peterson	
2010/0102927	A1	4/2010	Mönig	
2010/0199729	A1	8/2010	Zaitz et al.	
2011/0132050	A1	6/2011	McCaffrey et al.	
2012/0087096	A1	4/2012	Shen	
2012/0140391	A1	6/2012	Nickel et al.	
2012/0199729	A1	8/2012	Kim et al.	
2015/0271941	A1	9/2015	Lu	
2016/0278229	A1	9/2016	Saito	
2017/0095040	A1	4/2017	Byrd et al.	
2017/0129457	A1	5/2017	Lee et al.	

* cited by examiner

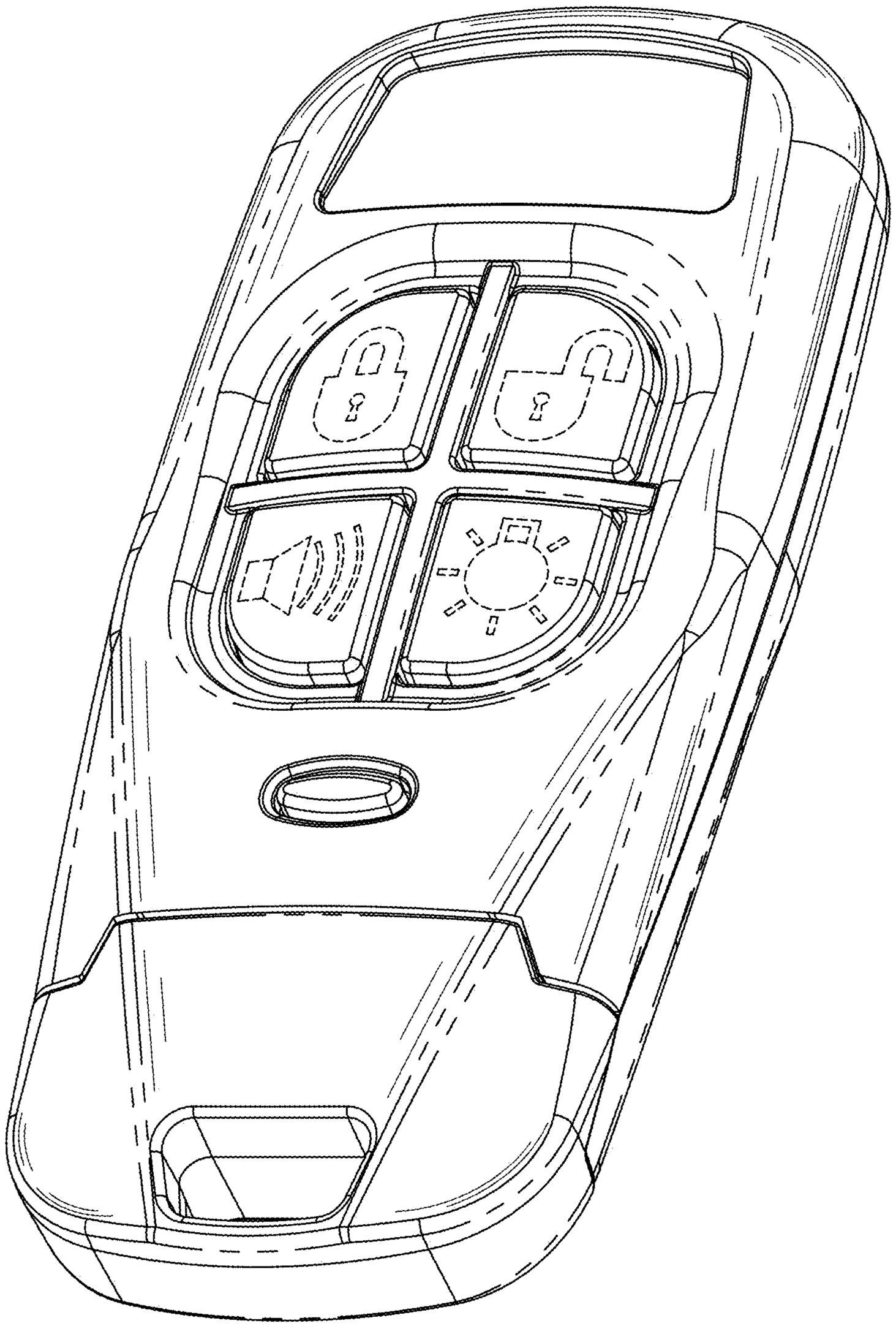


Fig. 1

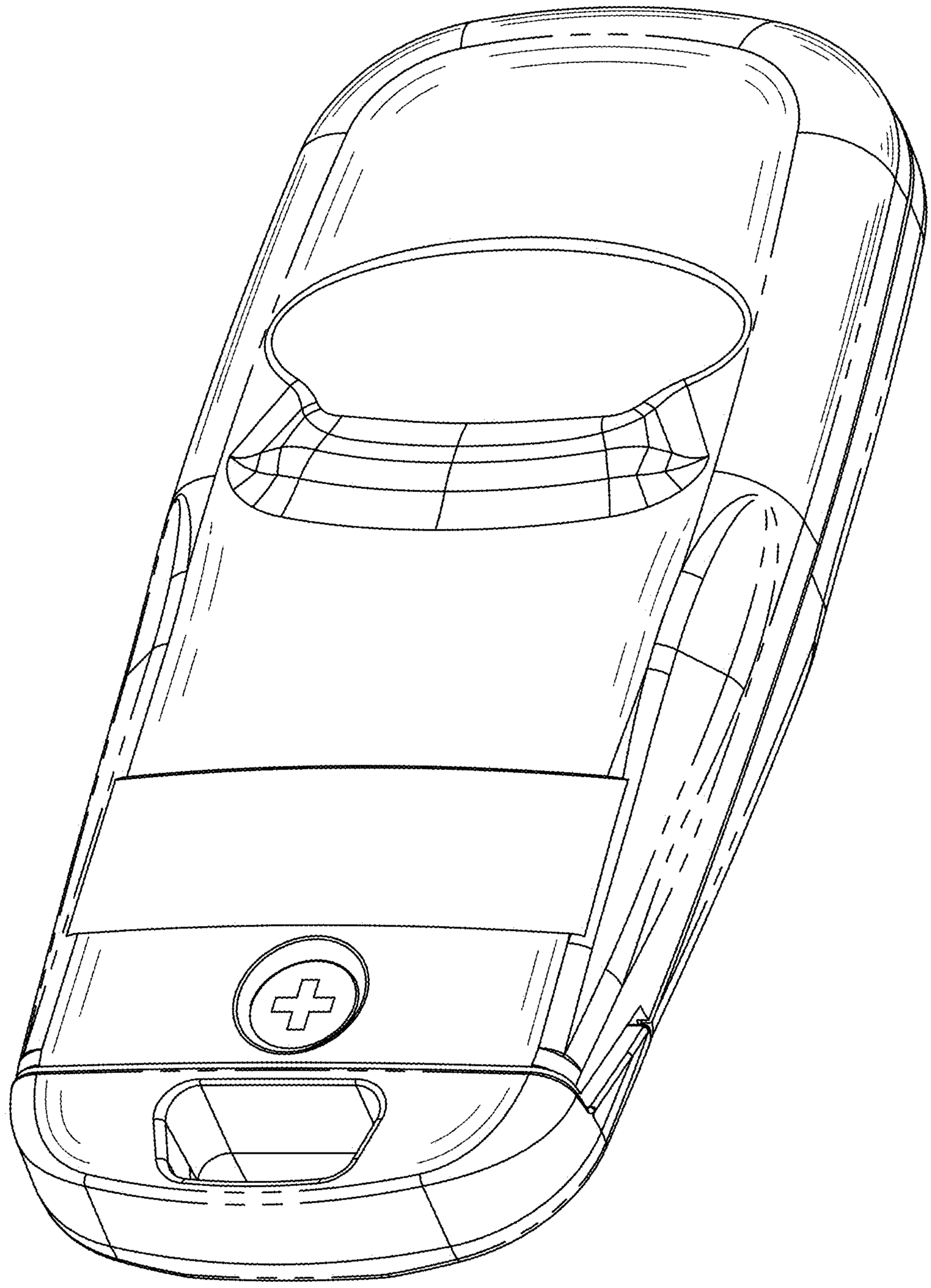


Fig. 2

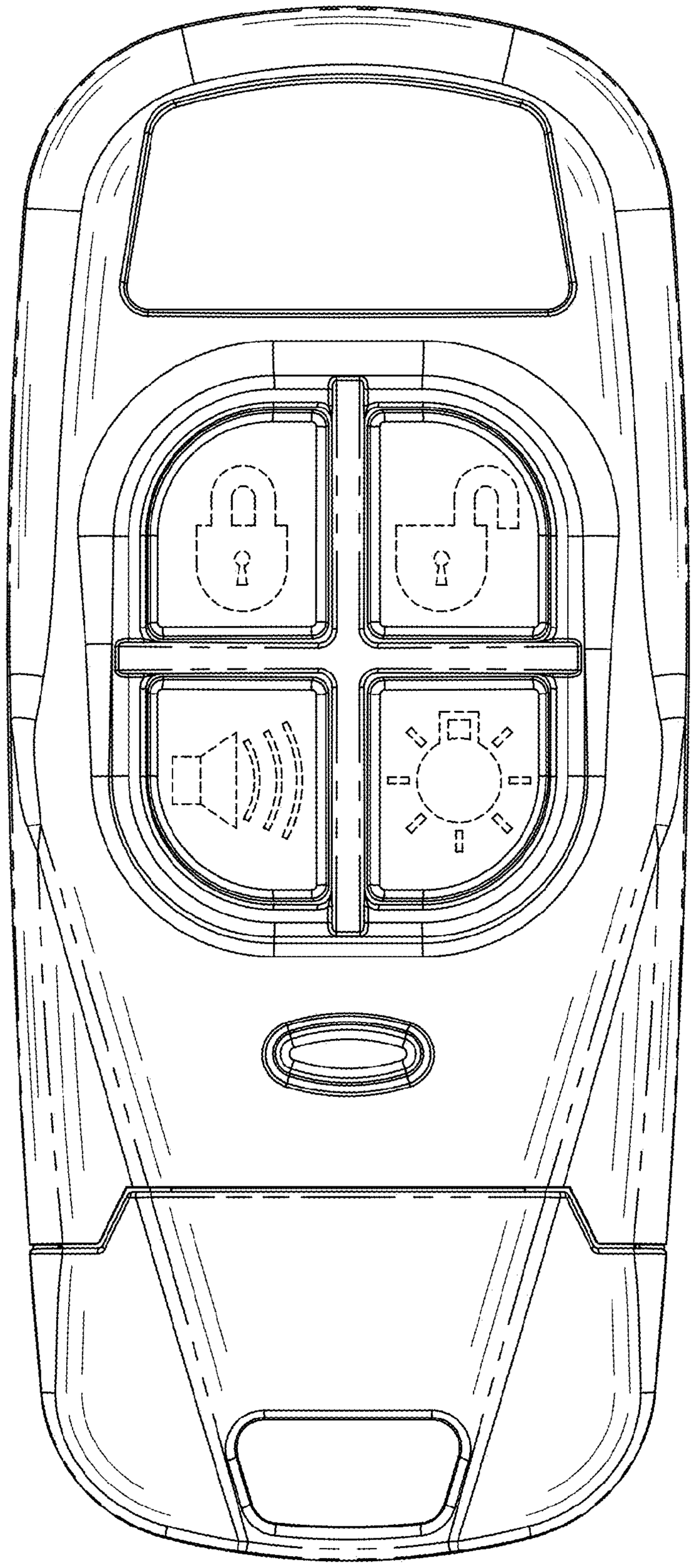


Fig. 3

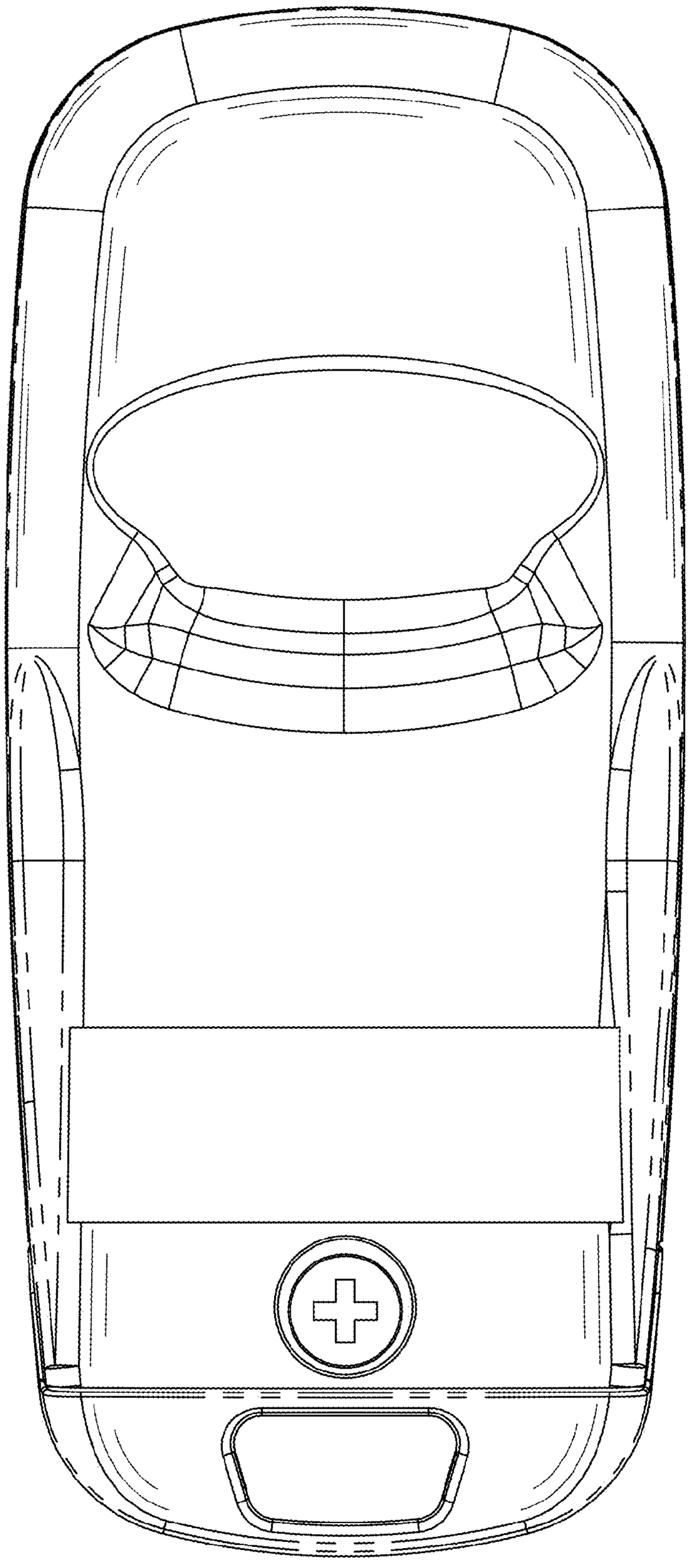


Fig. 4

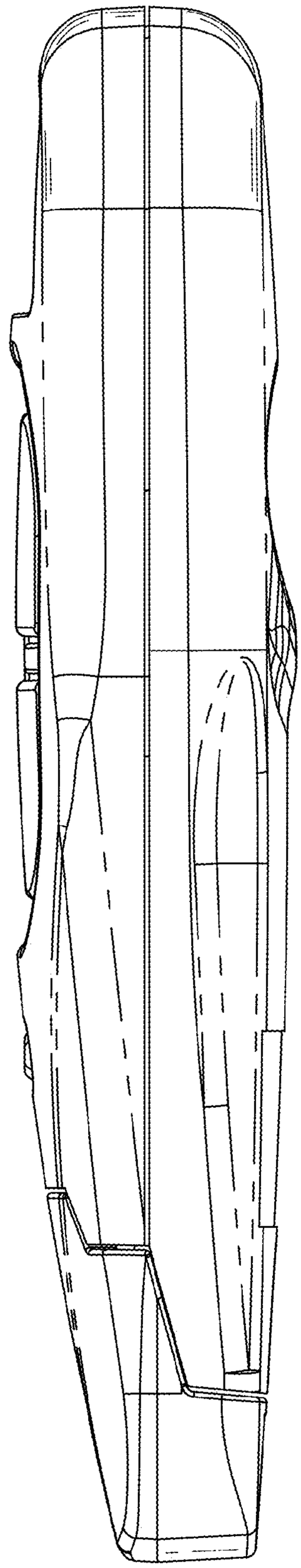


Fig. 5

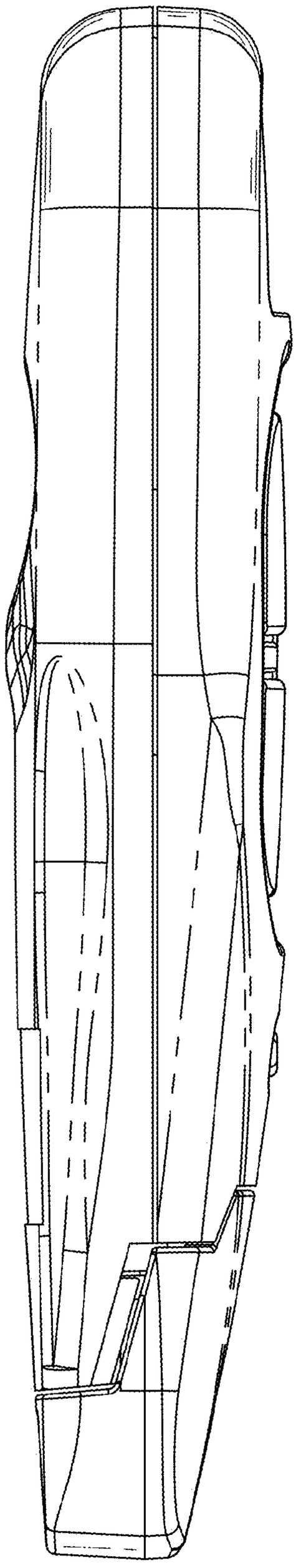


Fig. 6

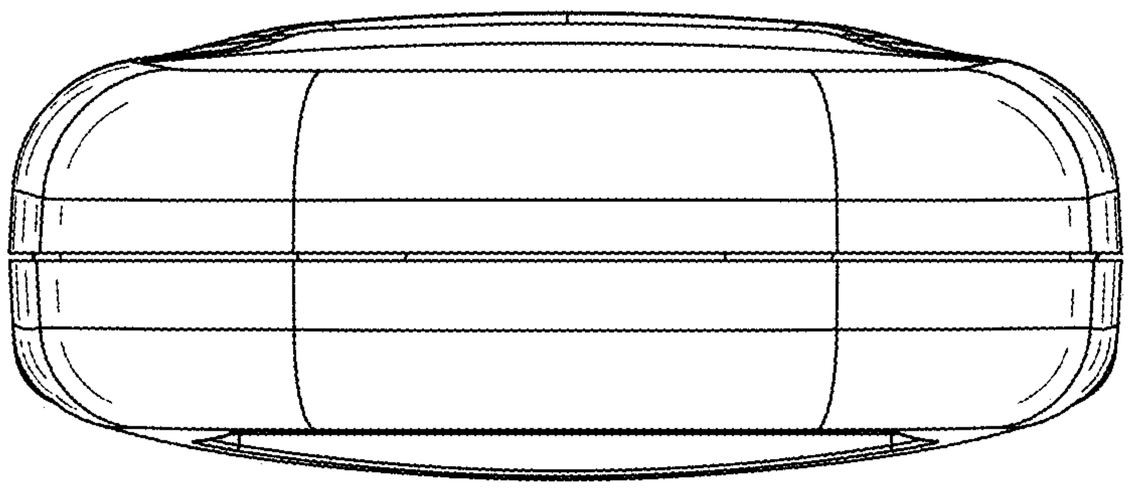


Fig. 7

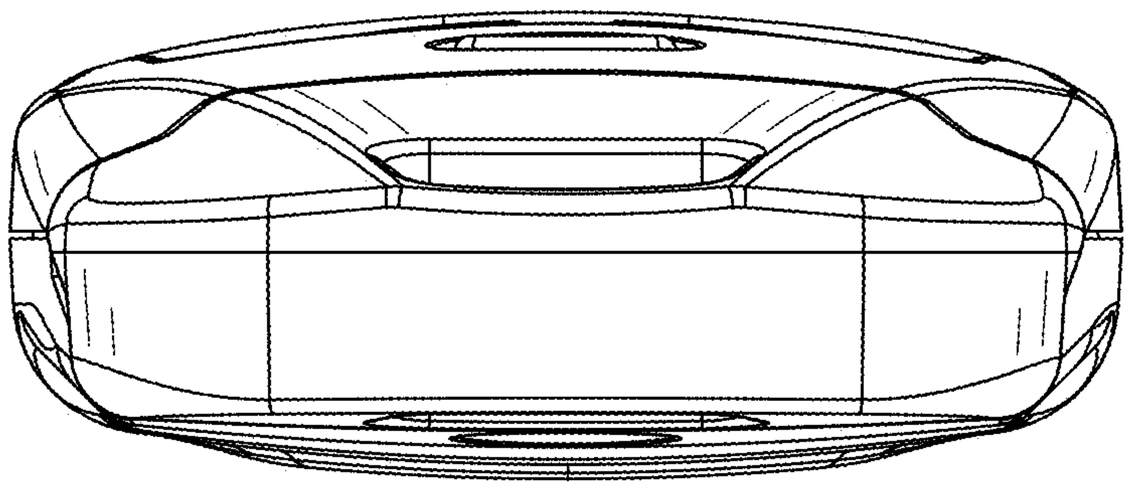


Fig. 8