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(12) United States Design Patent

Tur

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(54) **TEACH PENDANT BUMPER**

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(52) **U.S. Cl.**
USPC **D14/440**

(58) **Field of Classification Search**
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CPC G06F 1/628; G06F 1/626; H04B 1/3555; H04B 1/3888; A45C 11/00; H05K 5/0217
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,887,723	A		3/1999	Myles et al.
D413,582	S		9/1999	Tompkins
D480,720	S		10/2003	Sjoberg et al.
D531,524	S		11/2006	Behling
D581,421	S		11/2008	Richardson et al.
D638,324	S		5/2011	Tang
D643,433	S		8/2011	Hsieh et al.
D647,107	S		10/2011	Akana et al.
D649,144	S		11/2011	Fathollahi
D656,135	S		3/2012	Swartz et al.
8,256,612	B1		9/2012	Wang
D671,930	S		12/2012	Akana et al.
D674,789	S		1/2013	Wen
D674,803	S		1/2013	Westrup
D678,262	S		3/2013	Prato
D678,298	S		3/2013	Burridge
D681,483	S		5/2013	Biegert et al.
D688,582	S		8/2013	Wilson
D688,967	S		9/2013	Wilson
8,523,124	B2		9/2013	Yuan et al.
D692,006	S		10/2013	Fujioka
D693,709	S		11/2013	Lee et al.
D703,649	S		4/2014	Wikel et al.
D703,672	S	*	4/2014	Kim D14/440
D711,866	S		8/2014	Kawata
D714,295	S		9/2014	Fujioka
D716,285	S		10/2014	Chaney et al.
D716,312	S		10/2014	Fujioka
D717,304	S		11/2014	Yturralde et al.
D717,804	S		11/2014	Budge
D719,144	S		12/2014	Eulette

(Continued)

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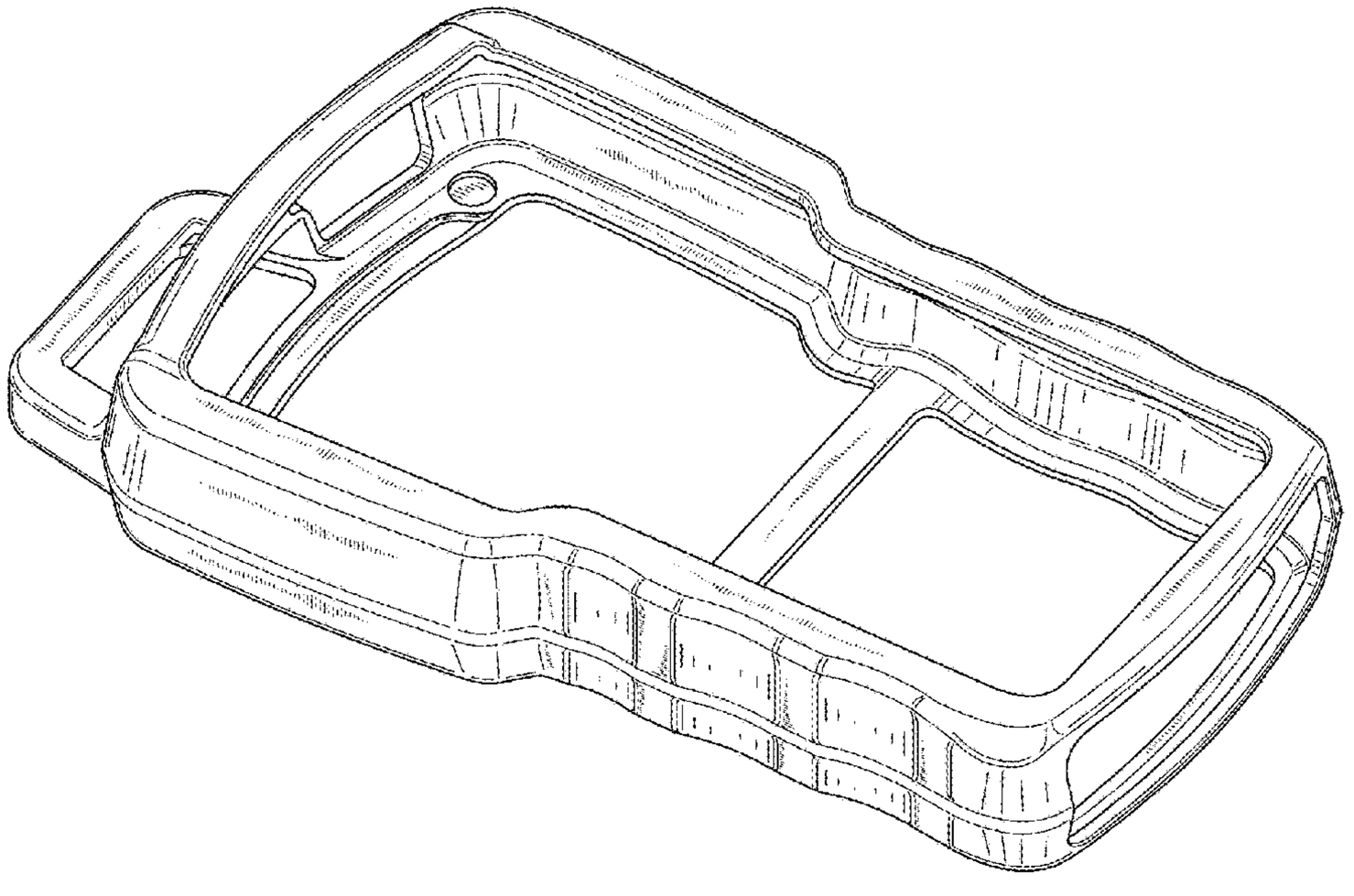
(57) **CLAIM**

The ornamental design for a teach pendant bumper, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a teach pendant bumper;
FIG. **2** is a left side elevational view of the teach pendant bumper;
FIG. **3** is a right side elevational view of the teach pendant bumper;
FIG. **4** is a rear side elevational view of the teach pendant bumper;
FIG. **5** is a front side elevational view of the teach pendant bumper;
FIG. **6** is a top plan view of the teach pendant bumper; and,
FIG. **7** is a bottom plan view of the teach pendant bumper.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D723,016	S		2/2015	Lee et al.
D728,549	S		5/2015	Su et al.
D728,552	S		5/2015	Kim et al.
D728,553	S		5/2015	Kim et al.
D729,787	S		5/2015	Soekoro
D730,225	S		5/2015	Behar
D733,696	S		7/2015	Burgett et al.
D735,198	S		7/2015	Song
D735,199	S		7/2015	Song
D735,200	S		7/2015	Song
D735,586	S		8/2015	Stegmann
D735,724	S		8/2015	Song
D736,103	S		8/2015	Behling
D736,777	S		8/2015	Rayner
D742,869	S		11/2015	Odhwani et al.
D747,707	S		1/2016	Roberts et al.
D751,558	S		3/2016	Lee
D752,044	S		3/2016	Akana et al.
D754,133	S		4/2016	Chen et al.
D756,344	S		5/2016	Roberts et al.
D761,263	S		7/2016	Brinkman et al.
D762,201	S		7/2016	Tseng et al.
D762,202	S		7/2016	Tseng et al.
D762,203	S		7/2016	Chin et al.
D764,476	S		8/2016	Gleason, III et al.
D764,477	S		8/2016	Su et al.
D766,904	S		9/2016	Jung
D766,905	S		9/2016	Lee
D766,906	S		9/2016	Kim
D767,573	S		9/2016	Kim
D768,122	S		10/2016	Buffone
D768,123	S		10/2016	Armstrong et al.
D769,879	S		10/2016	Kim
D770,458	S		11/2016	Corcoran et al.
D772,288	S		11/2016	Montes et al.
D779,495	S		2/2017	Tur
D779,496	S		2/2017	Tur
D780,185	S		2/2017	Tur
D780,764	S		2/2017	Tur
D780,765	S		3/2017	Tur
D781,295	S		3/2017	Tur
D781,296	S		3/2017	Tur
D781,864	S		3/2017	Tur
D782,487	S		3/2017	Tur
D784,350	S	*	4/2017	Li D14/440
D786,879	S		5/2017	Kim
D790,512	S		6/2017	Lee
D790,528	S		6/2017	Lindloff
D792,886	S		7/2017	Schwibner et al.
D794,626	S		8/2017	Armstrong et al.
D801,341	S		10/2017	Tur
D801,342	S		10/2017	Tur
D806,082	S		12/2017	Armstrong et al.
D817,334	S		5/2018	Fenton et al.
D824,397	S		7/2018	Charlesworth et al.
D825,571	S		8/2018	Shannon, III
D832,269	S		10/2018	Cheng
D832,272	S		10/2018	Tur
D834,029	S		11/2018	Wengreen
D841,636	S		2/2019	Furk
D842,861	S		3/2019	Bailey et al.
D844,621	S		4/2019	Chen
D846,542	S		4/2019	Sasaki et al.
D856,340	S		8/2019	Tur
D856,341	S		8/2019	Tur
D857,022	S		8/2019	Tur
D862,442	S		10/2019	Wei et al.
D862,476	S		10/2019	Han et al.
D862,480	S		10/2019	Chan et al.
D871,402	S		12/2019	Jeon et al.
D878,377	S		3/2020	Tur
D906,337	S	*	12/2020	Cheng D14/440
D910,640	S	*	2/2021	Li D14/440
D912,562	S	*	3/2021	Zhou D10/132
D913,291	S	*	3/2021	Zhang D14/440
D918,921	S	*	5/2021	Hynecek D14/440
D918,923	S	*	5/2021	Akana D14/440
D920,147	S	*	5/2021	Liu D10/132
D925,385	S	*	7/2021	Lin D10/132
D925,543	S	*	7/2021	Ma D14/440
2006/0274493	A1		12/2006	Richardson et al.
2010/0061191	A1		3/2010	Chen
2010/0243516	A1		9/2010	Martin et al.
2011/0297578	A1		12/2011	Stiehl et al.
2012/0043236	A1		2/2012	Szucs et al.
2012/0182678	A1		7/2012	Wu et al.
2012/0257340	A1		10/2012	Kim
2012/0321294	A1		12/2012	Tages et al.
2013/0148271	A1		6/2013	Huang
2013/0210503	A1		8/2013	Keesling et al.
2013/0222139	A1		8/2013	Gouge et al.
2013/0270851	A1		10/2013	Konhya
2014/0216953	A1		8/2014	Su et al.
2017/0210303	A1		7/2017	Luis y Prado et al.
2020/0363773	A1	*	11/2020	Wang G04B 37/005

* cited by examiner

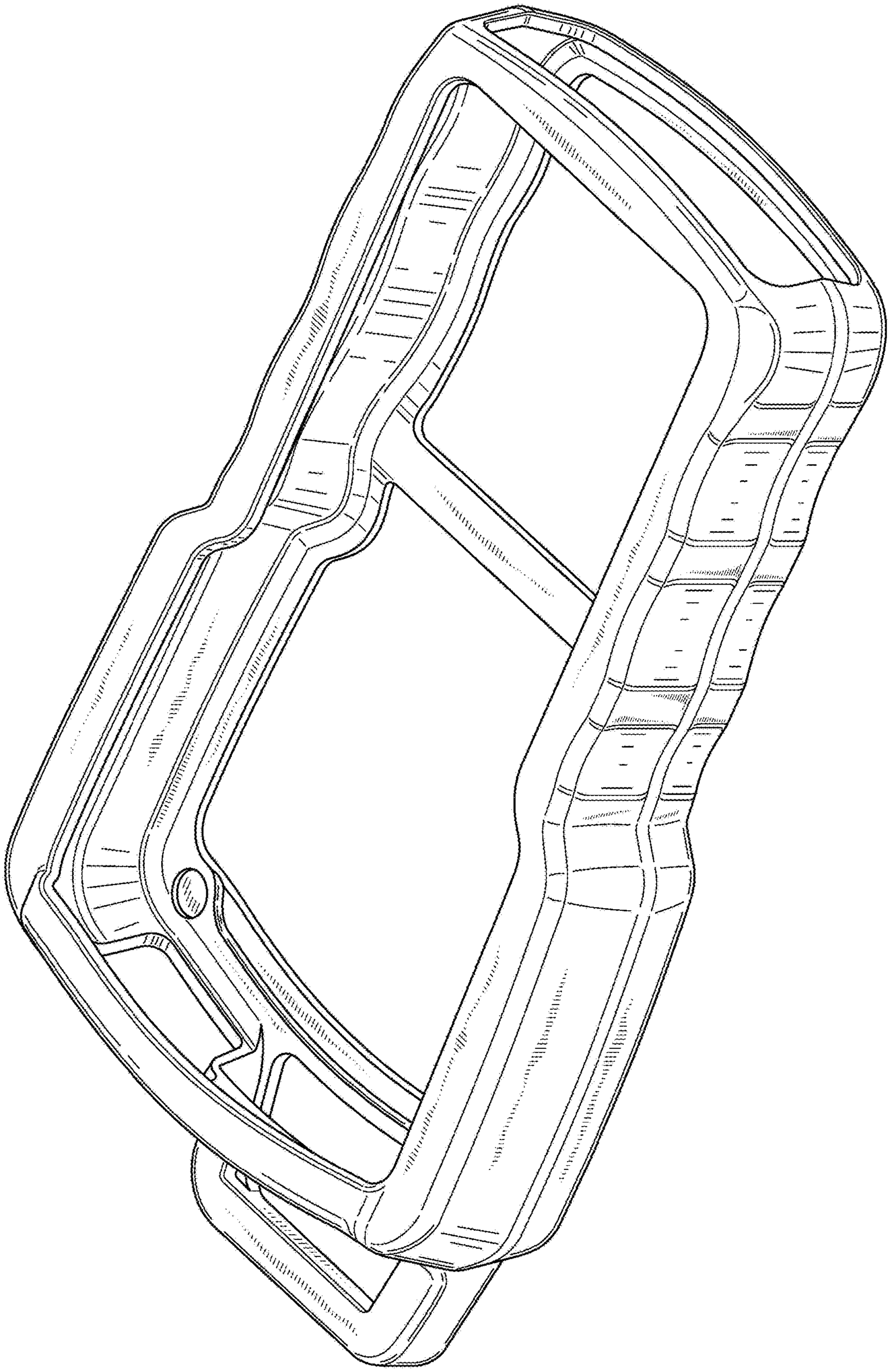


FIG. 1

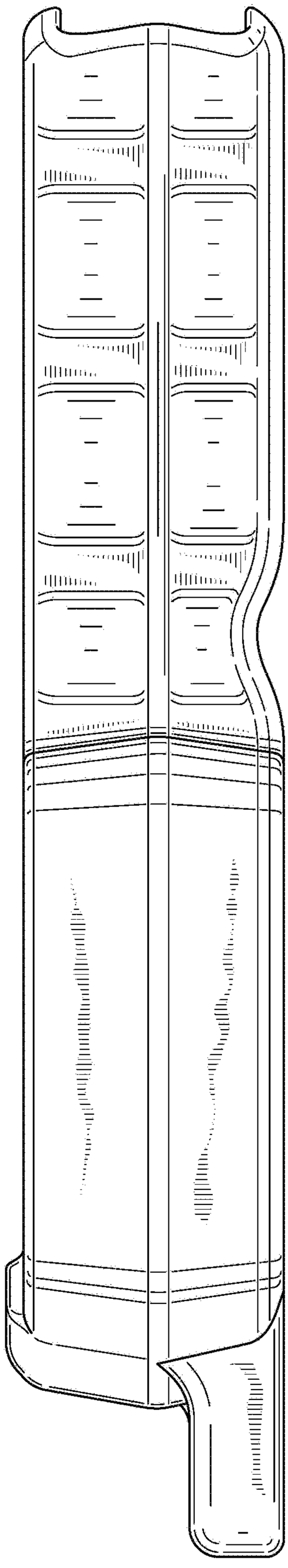


FIG. 2

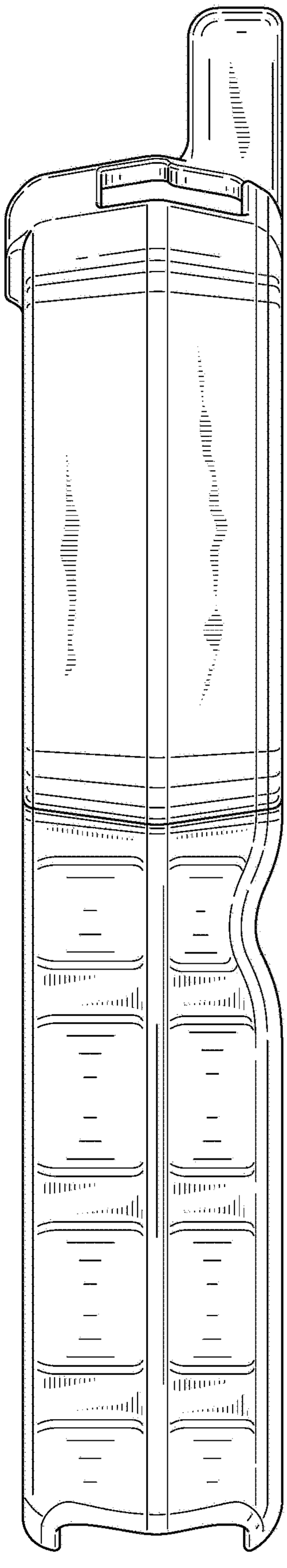


FIG. 3

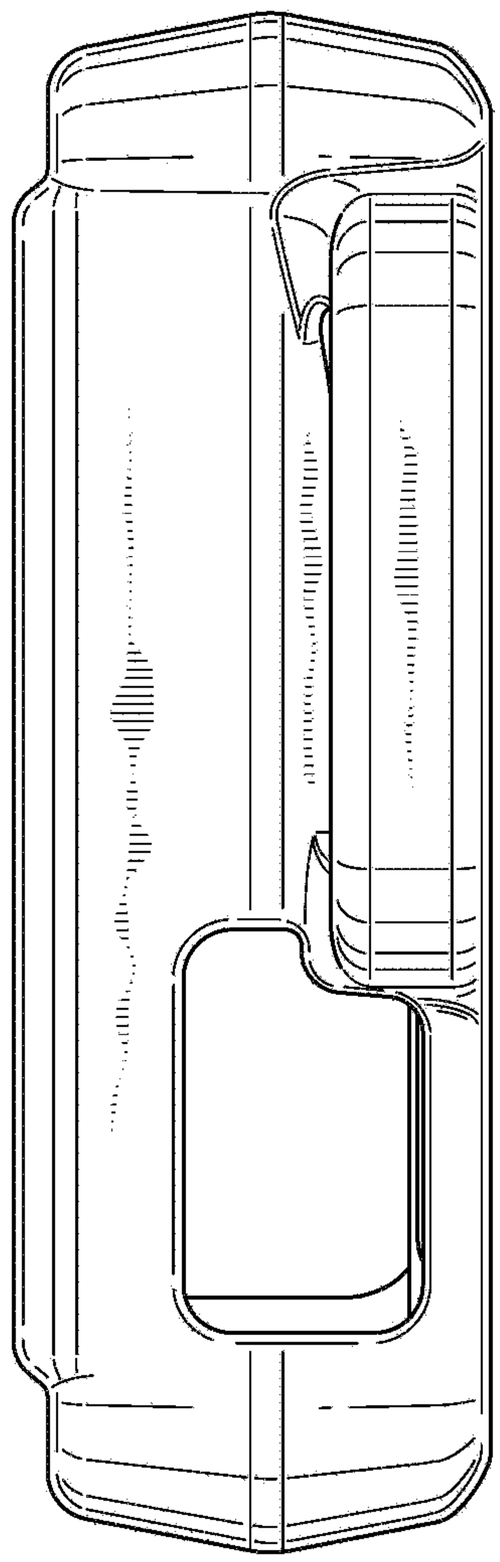


FIG. 4

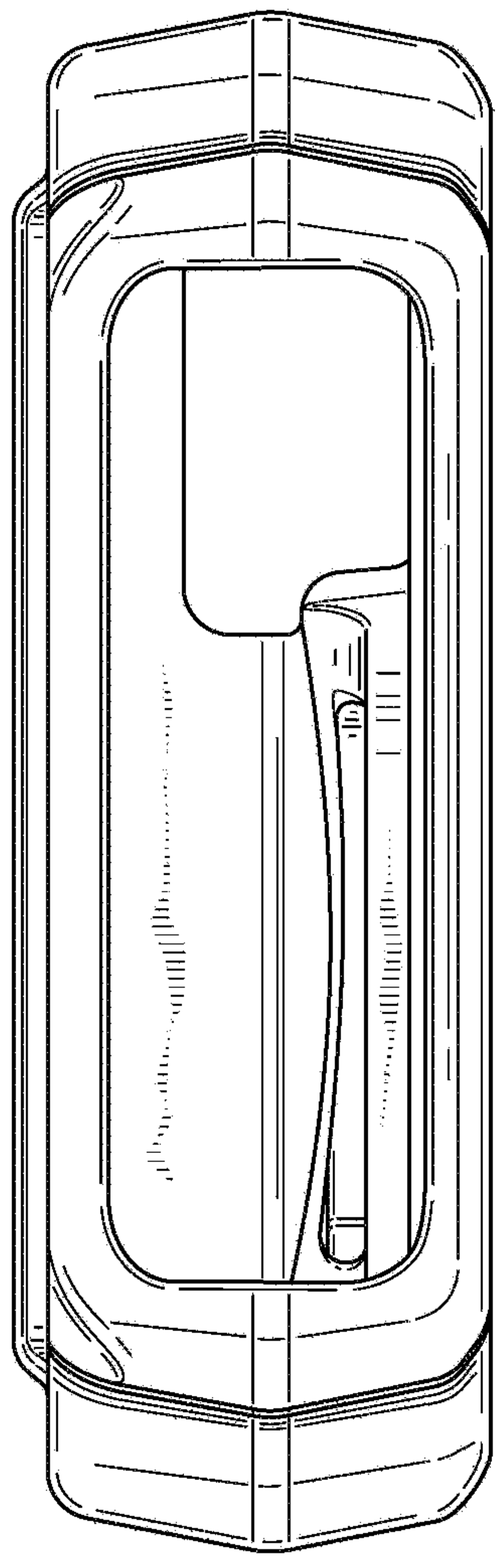


FIG. 5

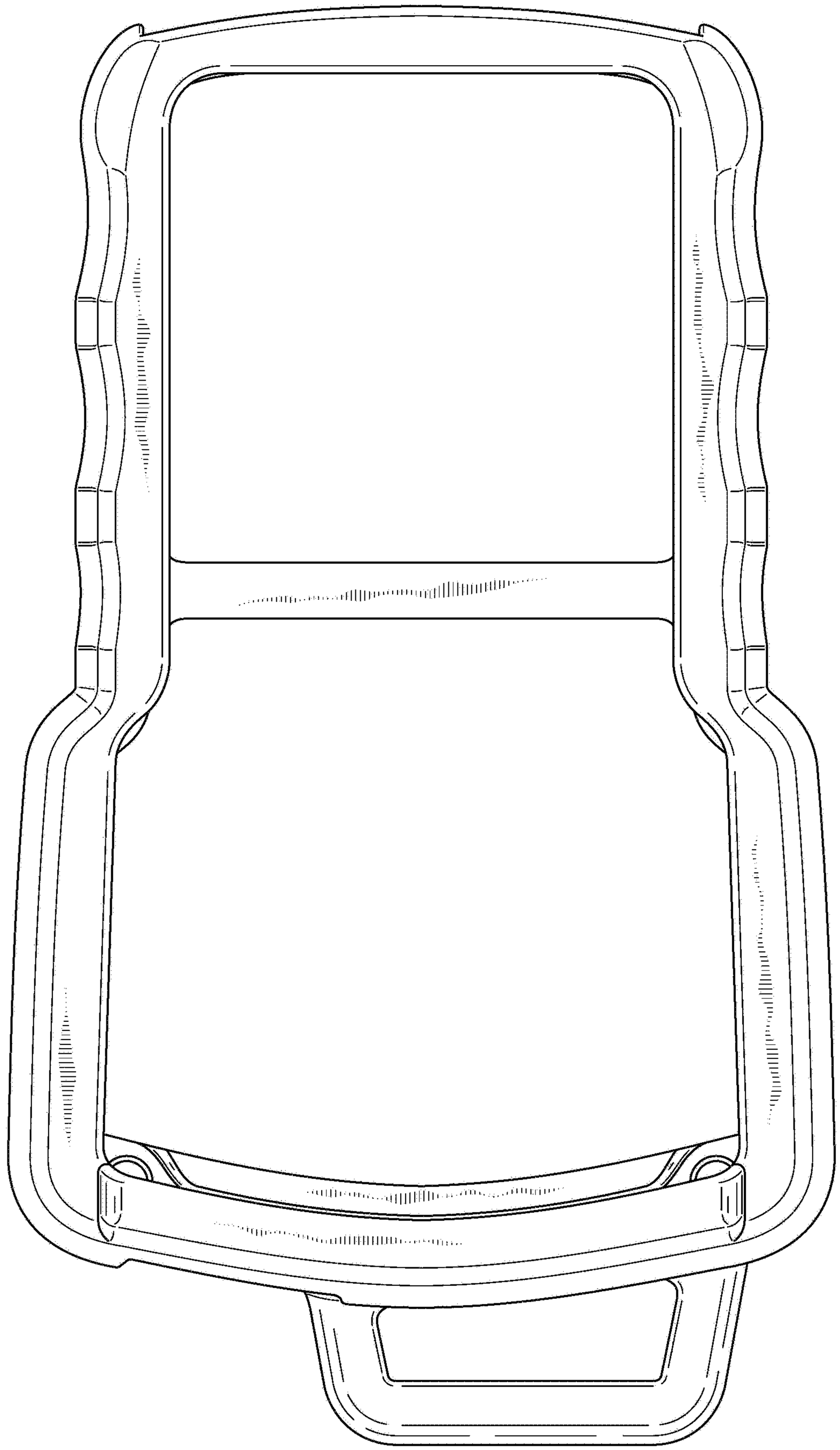


FIG. 6

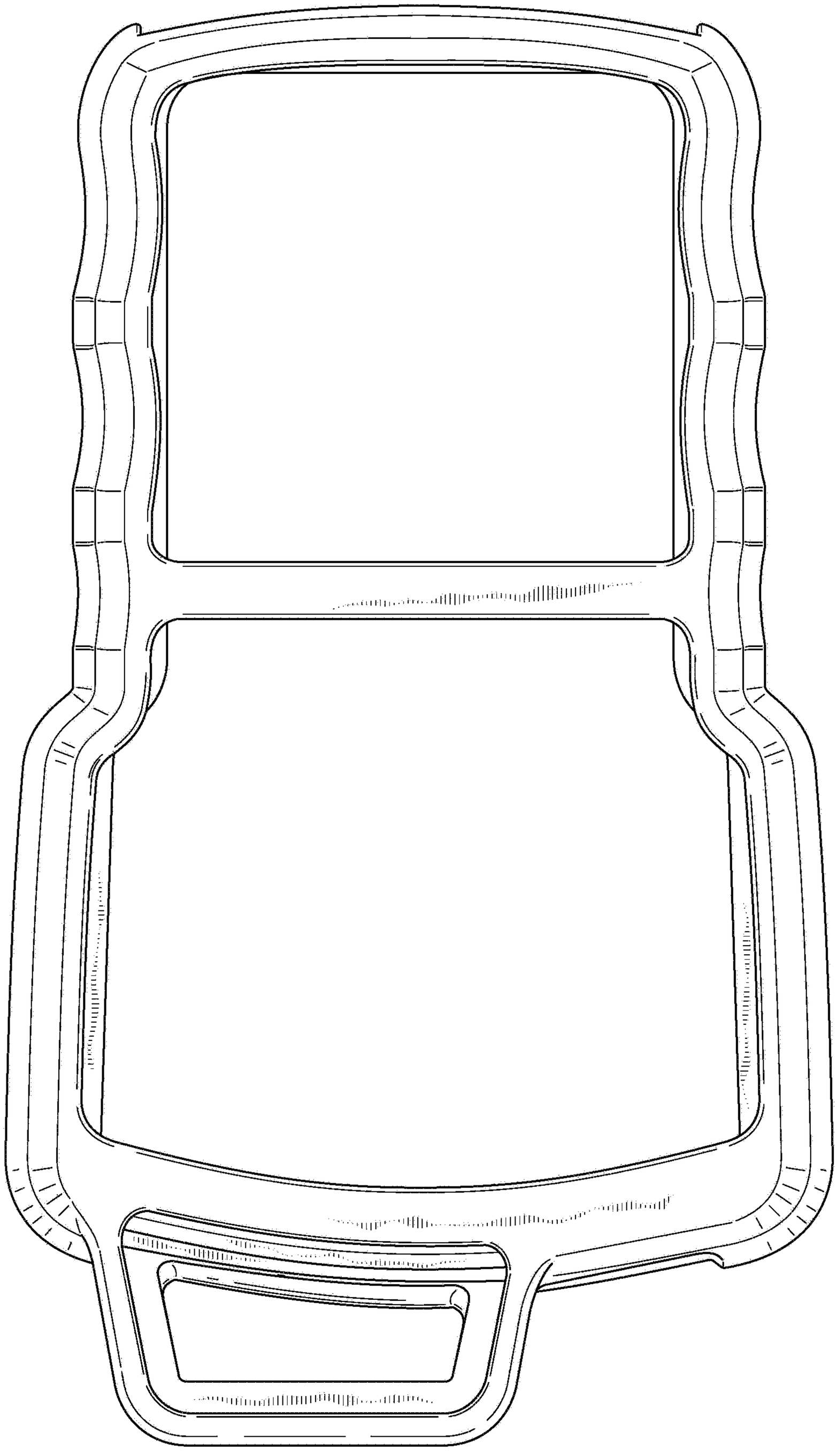


FIG. 7