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

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(54) **FLAT CHISEL**

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(\*\*) Term: **14 Years**

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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
USPC ..... D8/14, 20, 47, 70; D15/21, 28, 29, 126, D15/138, 139, 140; D24/146; D32/46; 30/167, 167.2, 168, 366; 299/38.1, 69, 299/100; 81/15.2  
CPC ..... B25D 3/00; B25D 17/02; B25D 2250/305; B25D 2250/211; E21C 35/18; E21C 35/183; E02F 3/20  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,989,295	A *	6/1961	Prox, Jr.	.....	E21C 35/19 279/103
3,382,005	A *	5/1968	Kiefer	.....	E21C 35/19 299/109
D290,651	S *	6/1987	Pedone	.....	D24/147
4,913,125	A	4/1990	Bunting et al.		
D387,072	S *	12/1997	Ojanen	.....	D15/139
D424,579	S *	5/2000	Brady	.....	D15/139

D430,578	S *	9/2000	Brady	.....	D15/139
D520,035	S *	5/2006	Kammerer	.....	D15/139
D558,241	S *	12/2007	Chiang	.....	D15/139
D558,242	S *	12/2007	Chiang	.....	D15/139
D570,886	S *	6/2008	Chiang	.....	D15/139
D572,735	S *	7/2008	Kammerer	.....	D15/139
D572,736	S *	7/2008	Chiang	.....	D15/139
D585,918	S *	2/2009	Chiang	.....	D15/139
D627,808	S *	11/2010	Kammerer	.....	D15/139
D627,809	S *	11/2010	Kammerer	.....	D15/139
D636,797	S *	4/2011	Kammerer	.....	D15/139
D637,213	S *	5/2011	Kammerer	.....	D15/139
8,267,483	B2 *	9/2012	Kramer	.....	E21C 35/197 299/104
9,074,472	B2 *	7/2015	Lehnert	.....	E21C 35/197
2004/0065484	A1 *	4/2004	McAlvain	.....	E21C 35/183 175/434
2007/0045599	A1 *	3/2007	Bilyeu	.....	B66F 15/00 254/25

(Continued)

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Patterson Intellectual Property Law PC

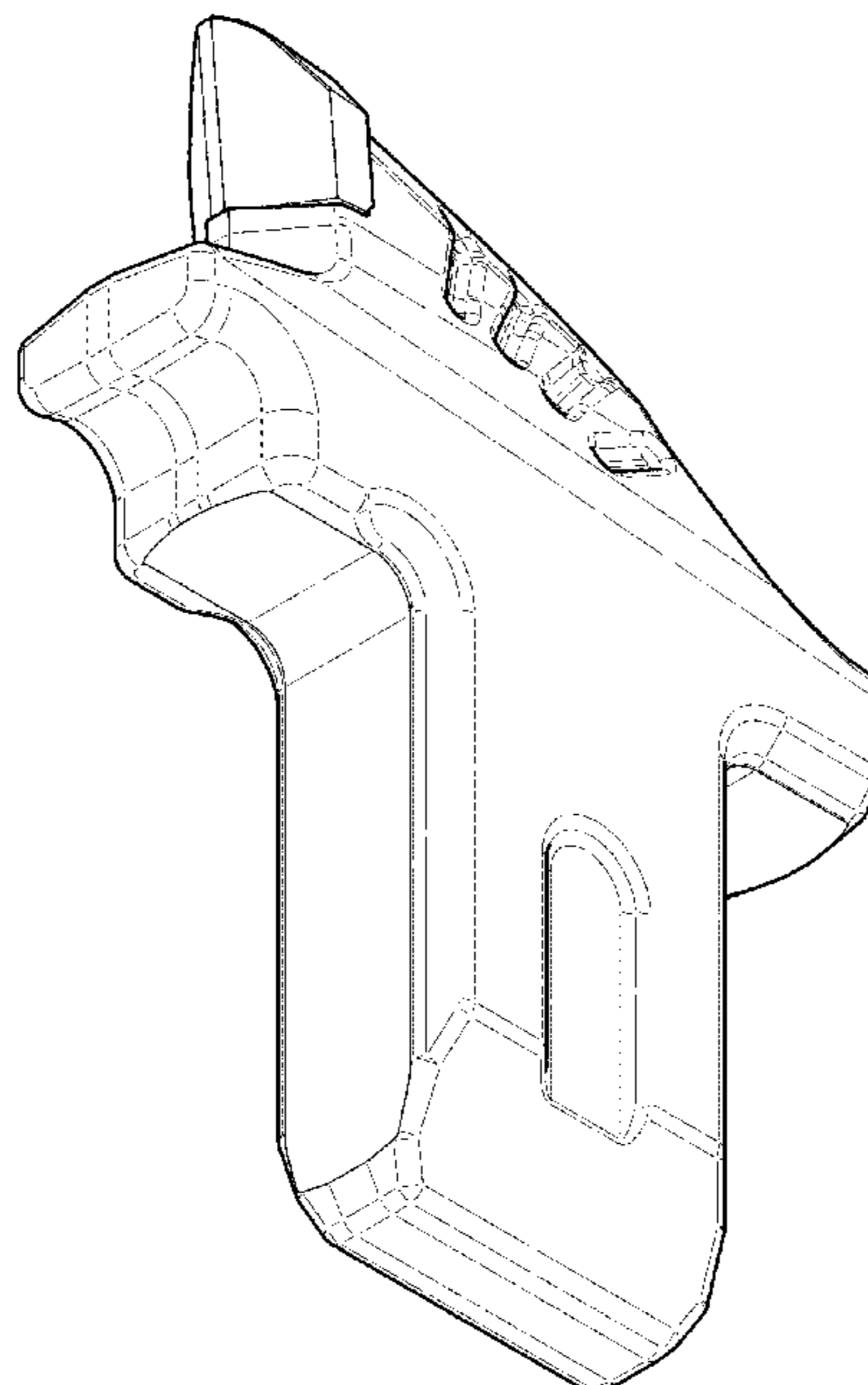
(57) **CLAIM**

What is claimed is the ornamental design for a flat chisel, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of the flat chisel.  
FIG. 2 is a front elevation view of the flat chisel of FIG. 1.  
FIG. 3 is a rear elevation view of the flat chisel of FIG. 1.  
FIG. 4 is a left side elevation view of the flat chisel of FIG. 1.  
FIG. 5 is a right side elevation view of the flat chisel of FIG. 1.  
FIG. 6 is a top view of the flat chisel of FIG. 1; and,  
FIG. 7 is a bottom view of the flat chisel of FIG. 1.

**1 Claim, 5 Drawing Sheets**



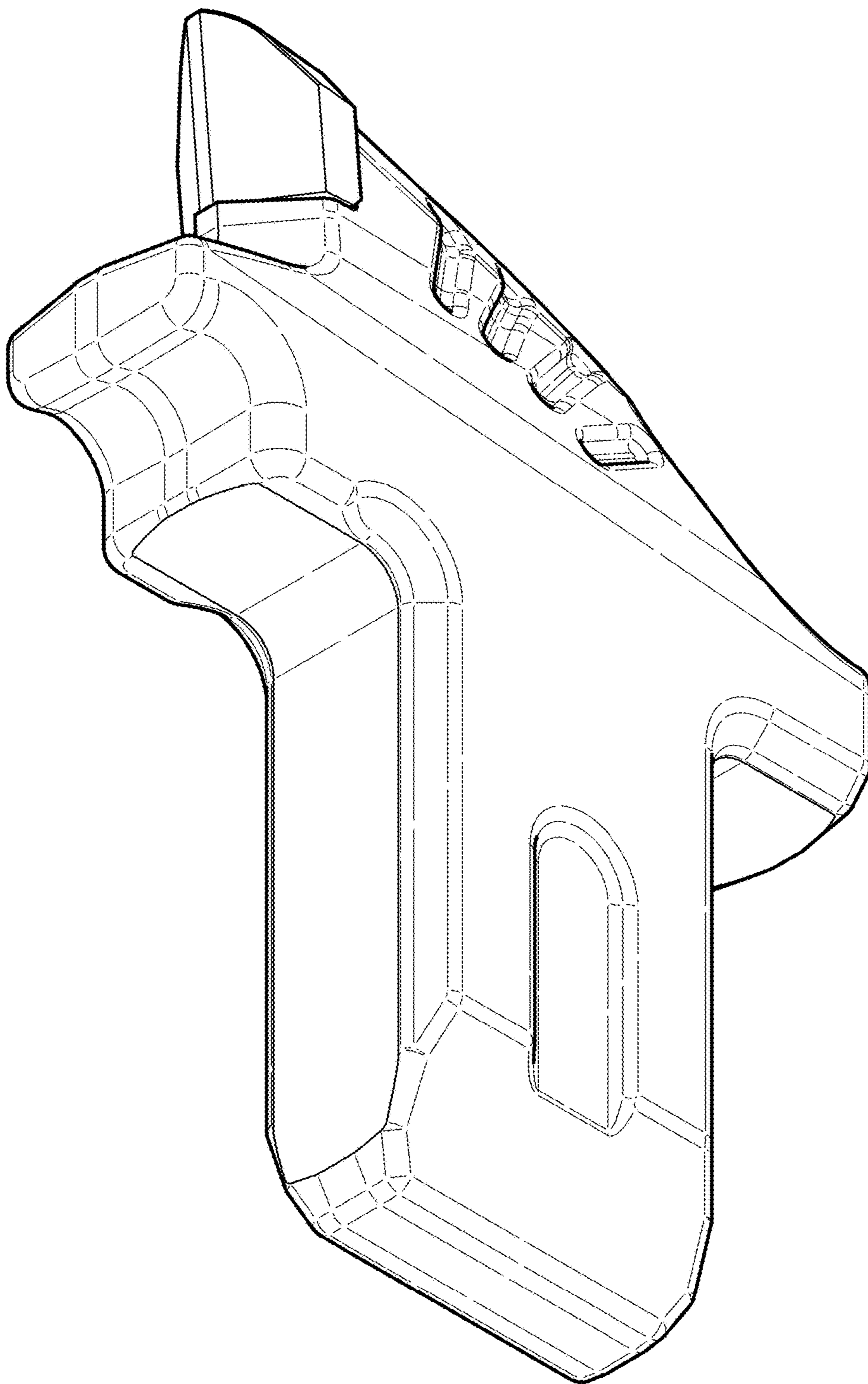
(56)

**References Cited**

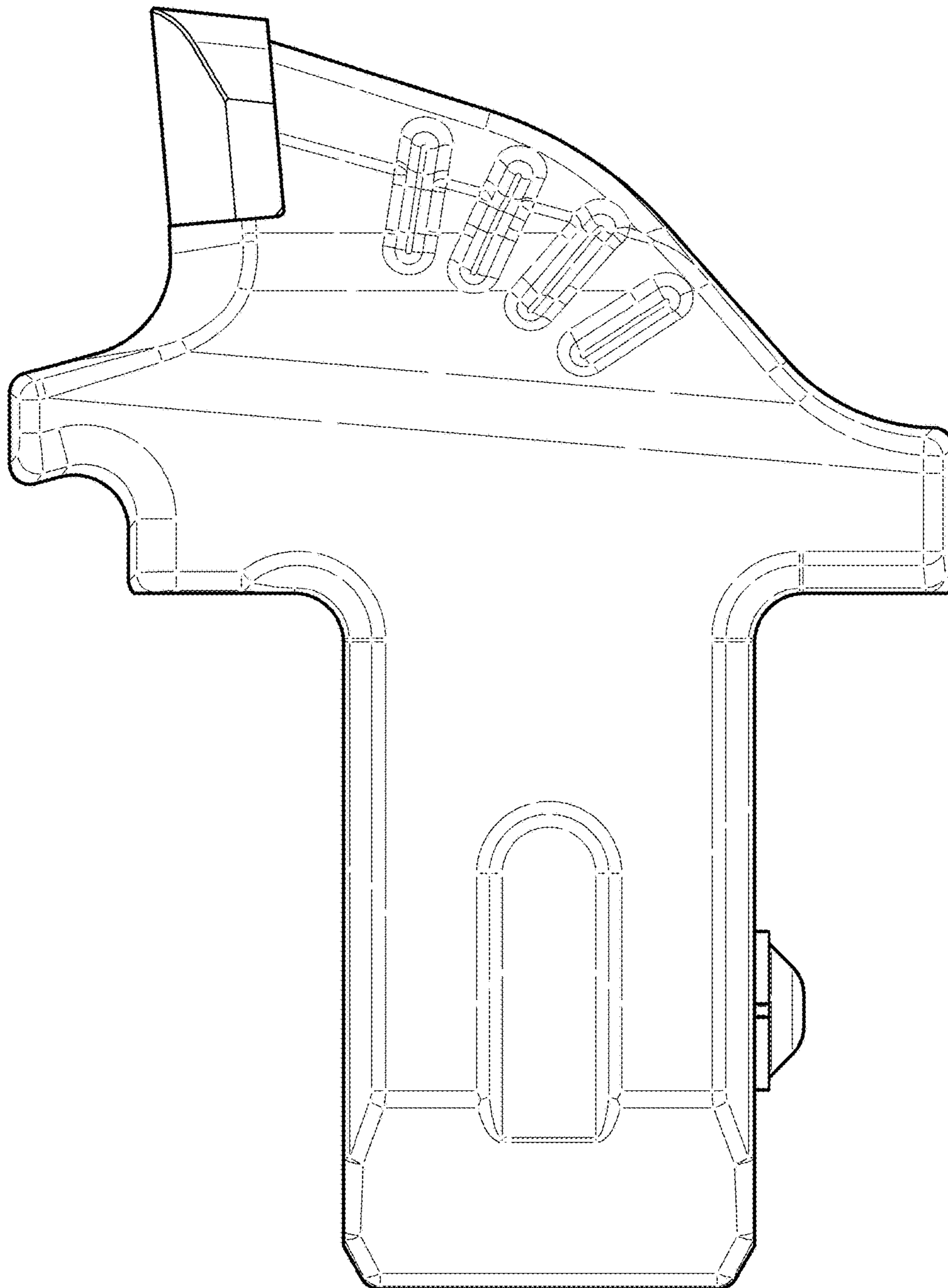
U.S. PATENT DOCUMENTS

2009/0261646 A1 \* 10/2009 Ritchey ..... E21C 35/1936  
299/106  
2009/0267403 A1 \* 10/2009 Hall ..... E21C 35/183  
299/113  
2010/0109418 A1 \* 5/2010 Greenspan ..... E21C 35/183  
299/10  
2010/0320003 A1 \* 12/2010 Sollami ..... E21C 35/183  
175/420.1  
2011/0241407 A1 \* 10/2011 Fader ..... E21C 35/183  
299/29

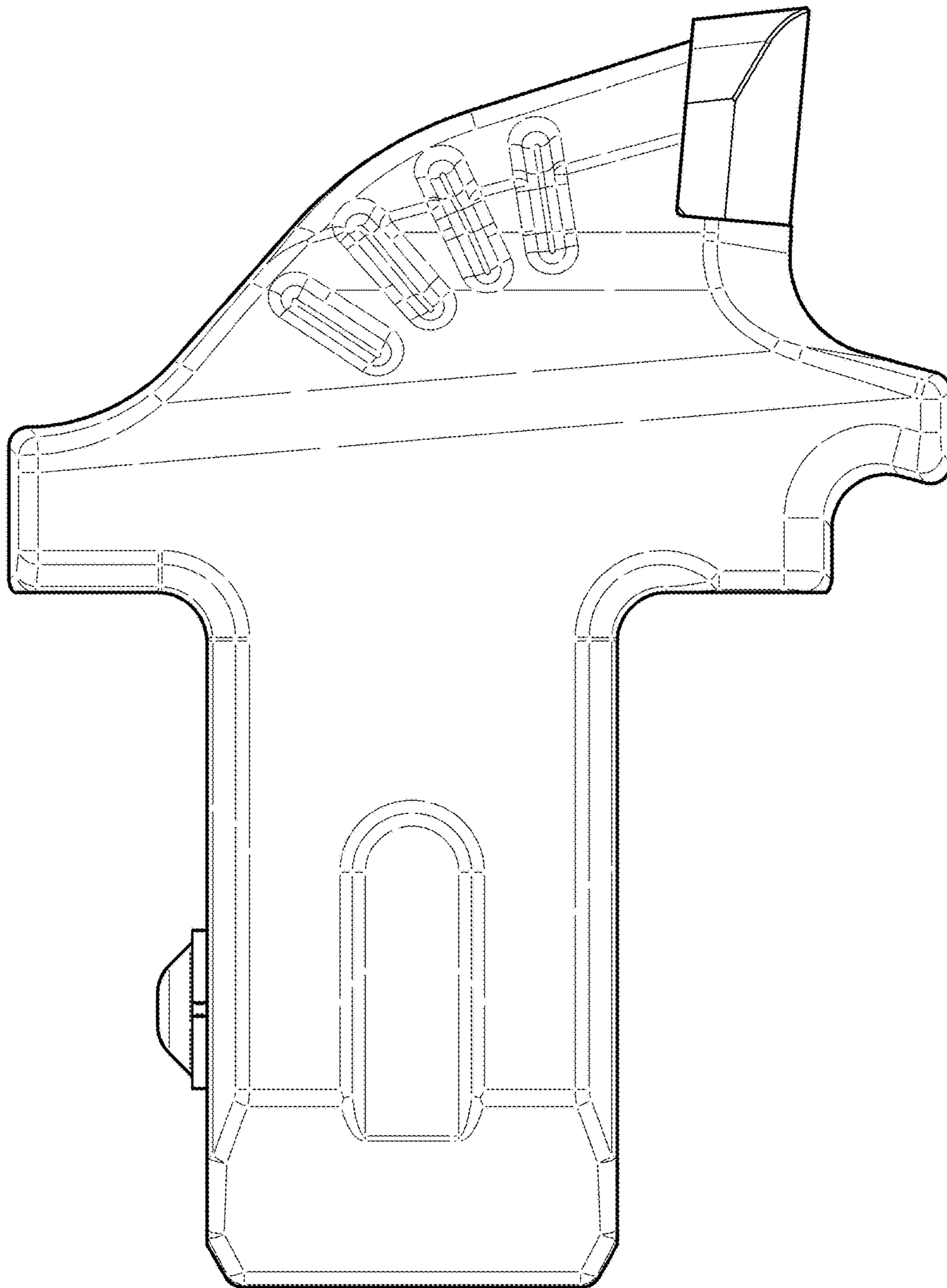
\* cited by examiner



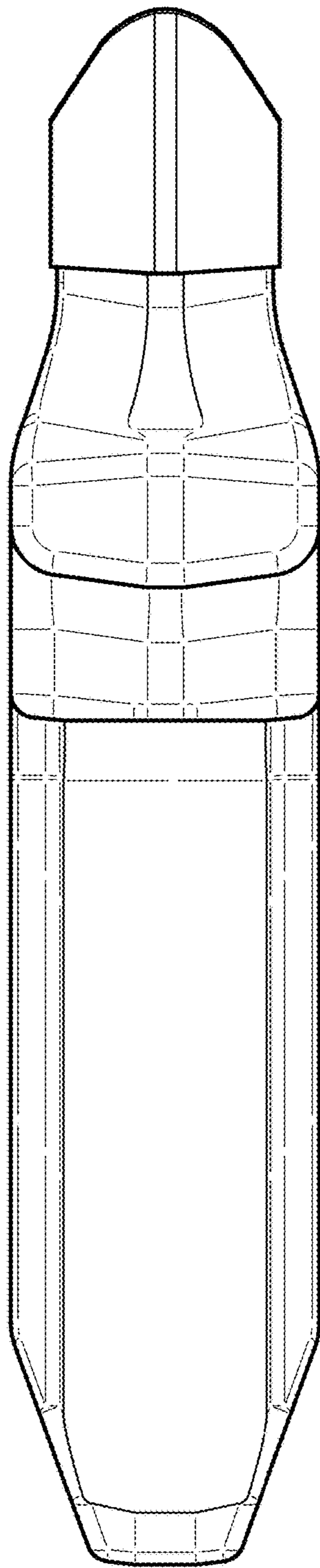
*FIG. 1*



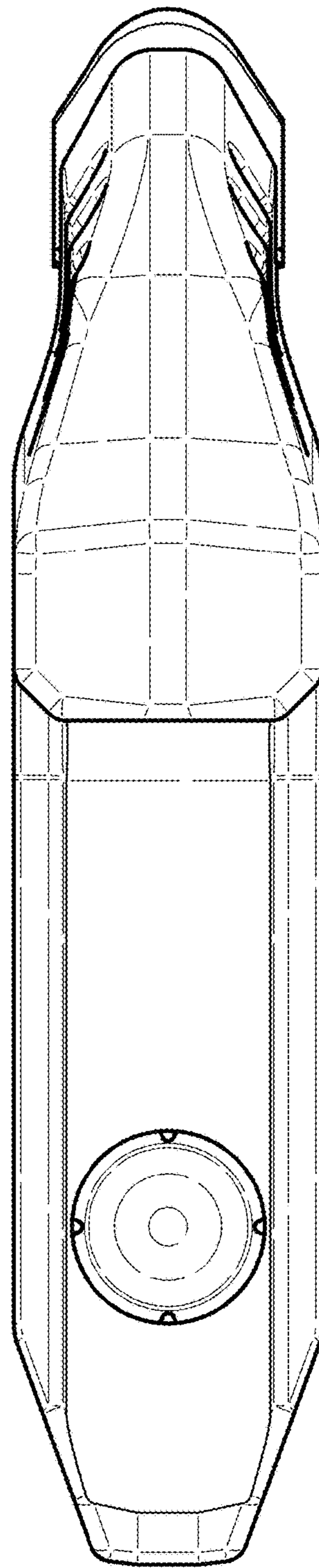
*FIG. 2*



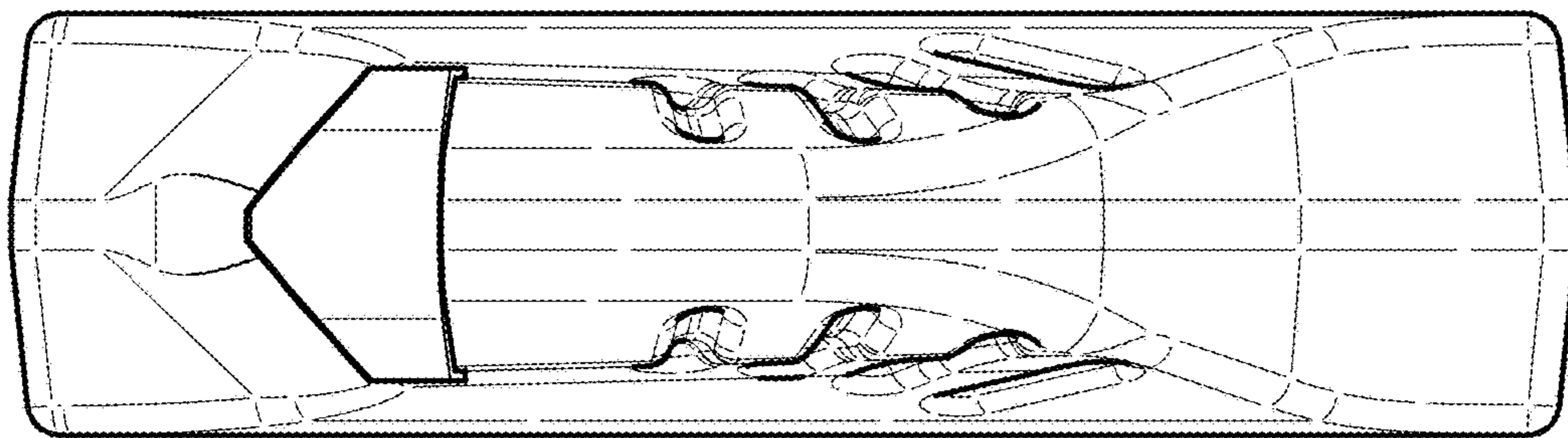
*FIG. 3*



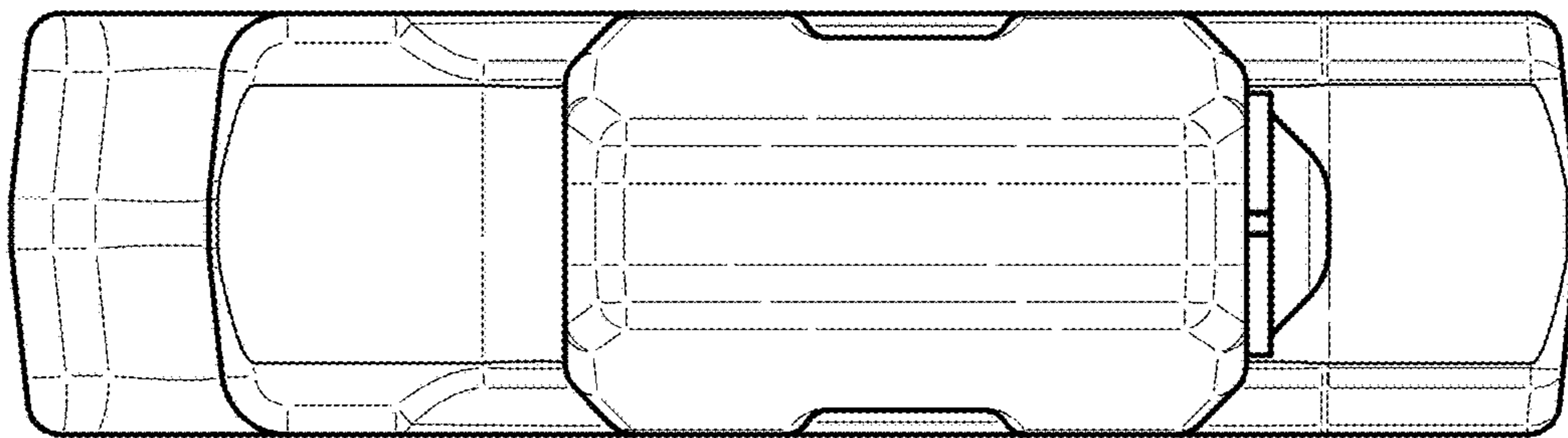
*FIG. 4*



*FIG. 5*



*FIG. 6*



*FIG. 7*