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Krepel et al.

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(54) **RESPIRATOR BELT HAVING ATTACHMENT SLOT**

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

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(51) **LOC (9) Cl.** **29-02**

(52) **U.S. Cl.**
USPC **D24/110**

(58) **Field of Classification Search** D24/110, D24/127; D6/553; D8/366, 371, 373; 52/633; 211/73; 128/202.13, 207.17, 876; 248/450
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,032,375	A *	5/1962	Lalandre	.....	297/440.24
4,157,166	A *	6/1979	Voelker	.....	248/317
4,389,635	A	6/1983	Gallagher		
D272,191	S *	1/1984	Van Ewyk	.....	D24/110
4,899,740	A	2/1990	Napolitano		
4,906,234	A *	3/1990	Voychehovski	.....	604/79
D363,877	S *	11/1995	Dee	.....	D8/373
D364,553	S *	11/1995	Wilson	.....	D8/373
5,833,095	A	11/1998	Russell		
5,906,054	A *	5/1999	Asher	.....	33/265
6,038,747	A	3/2000	Hamilton		
6,189,847	B1 *	2/2001	Hart	.....	248/220.31
6,206,257	B1	3/2001	Peele		
6,401,715	B1	6/2002	Luthe		
6,405,910	B1	6/2002	Infanti		
6,405,911	B1	6/2002	Howard		
6,595,379	B1 *	7/2003	Powell	.....	211/192

7,172,611	B2 *	2/2007	Harding et al.	.....	606/167
D560,477	S *	1/2008	Yoshie et al.	.....	D8/383
7,454,800	B2	11/2008	Taylor		
7,819,120	B2	10/2010	Taylor		
7,900,278	B2	3/2011	Pittman		
D646,379	S	10/2011	Huh		
8,172,190	B2 *	5/2012	Dang et al.	.....	248/316.7

(Continued)

FOREIGN PATENT DOCUMENTS

EP	692 206	A1	1/1996
WO	96/28065		9/1996
WO	2007/142382	A1	12/2007

OTHER PUBLICATIONS

Miller PAPR webpage obtained from internet on Feb. 20, 2012 http://www.millerwelds.com/products/welding_protection/filtration/papr/.

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(57) **CLAIM**

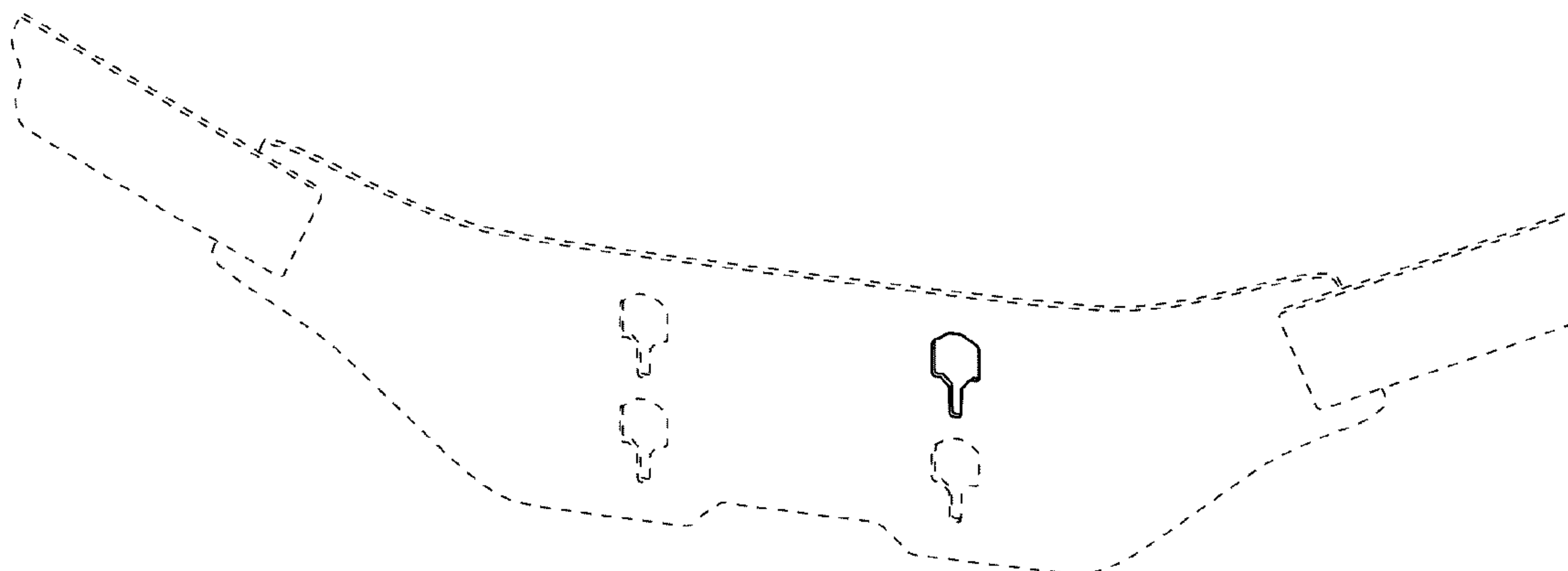
The ornamental design for a respirator belt having attachment slot, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view showing the new design for a respirator belt having attachment slot;
FIG. 2 is a front view thereof;
FIG. 3 is a back view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a left view thereof; and,
FIG. 7 is a right view thereof.

The broken line showing of portions of the article is included for the purpose of illustrating environmental structure and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



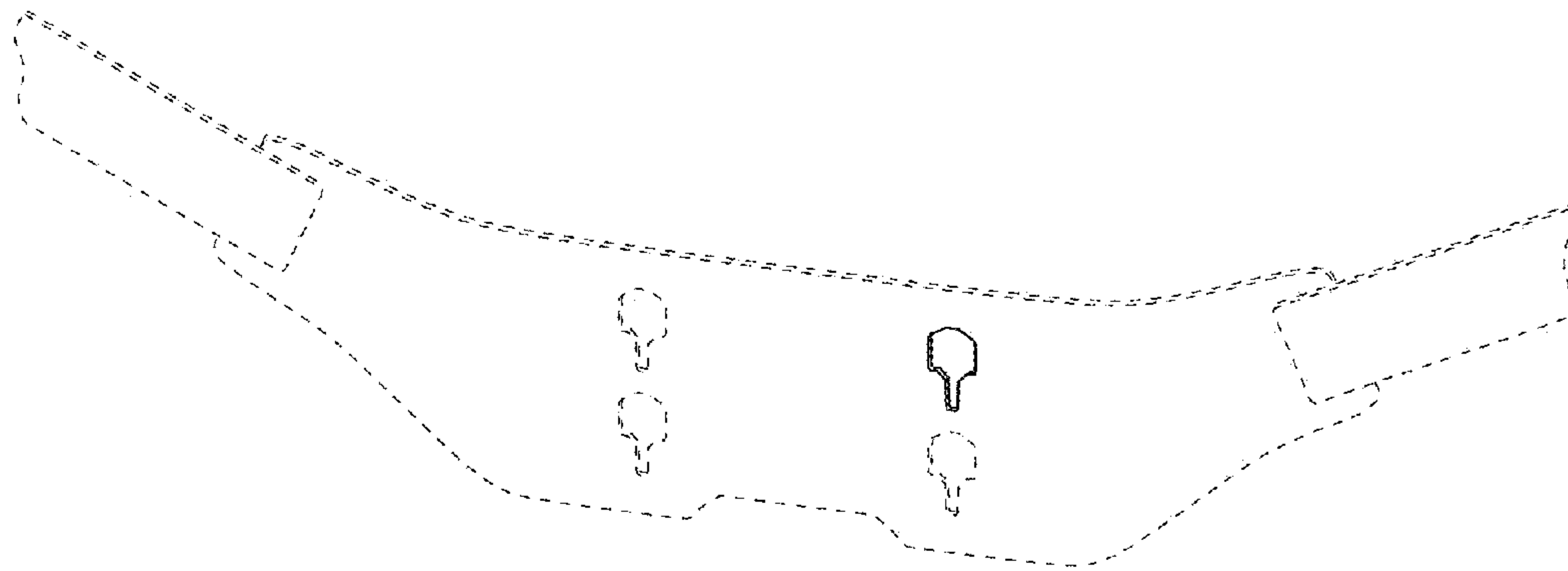


Fig. 1

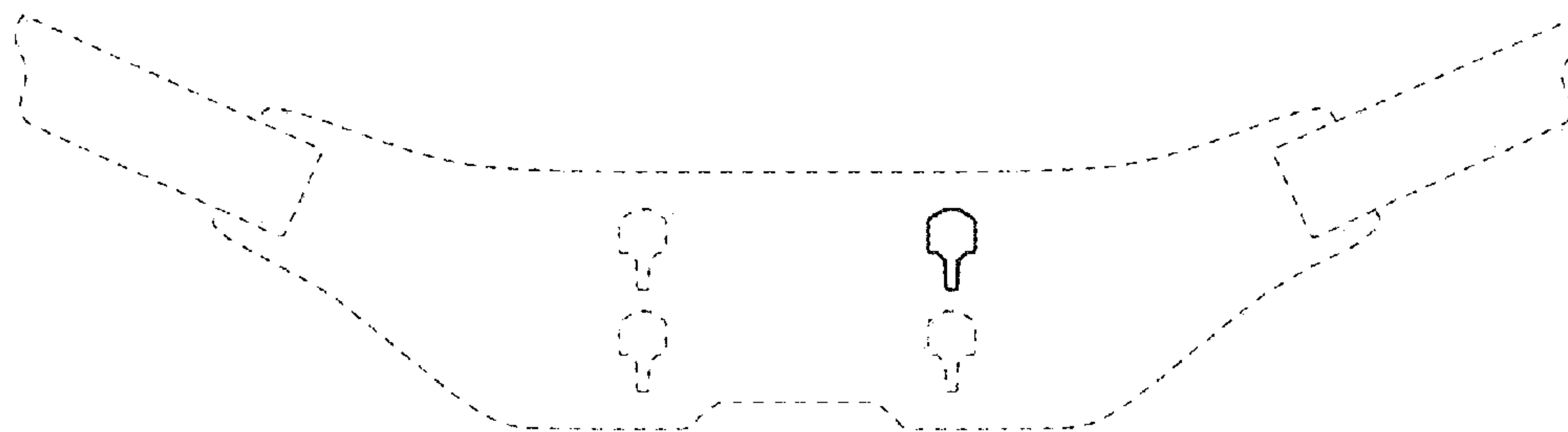


Fig. 2

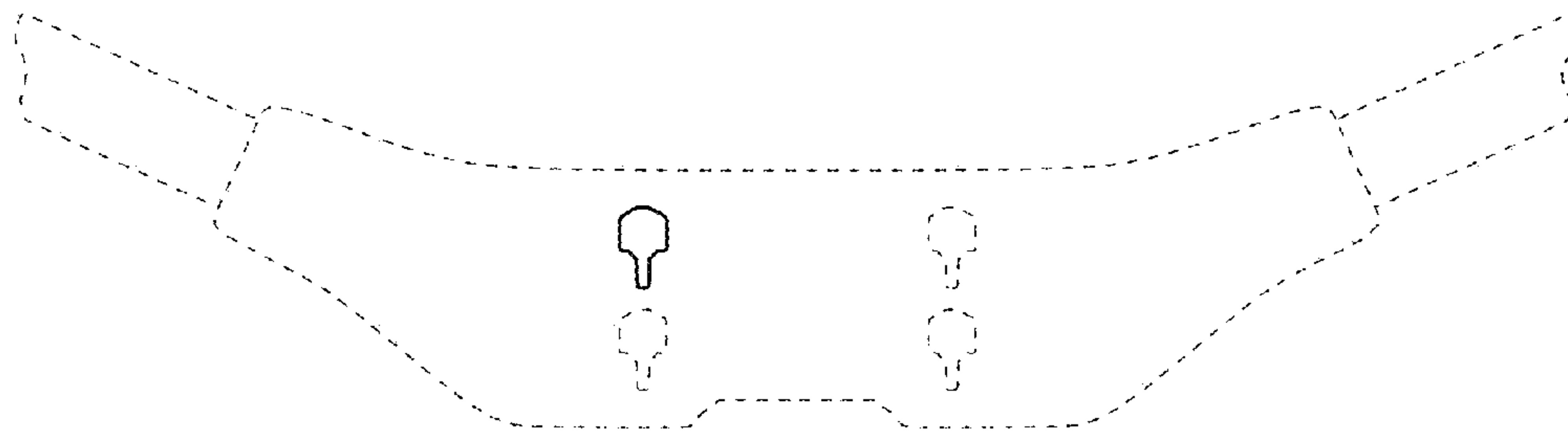


Fig. 3



Fig. 4

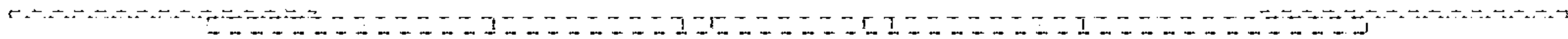


Fig. 5

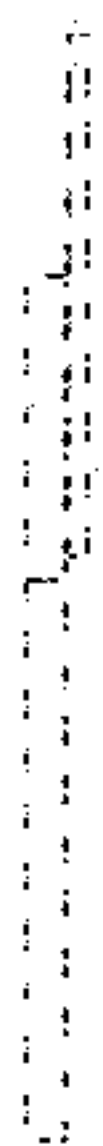


Fig. 6

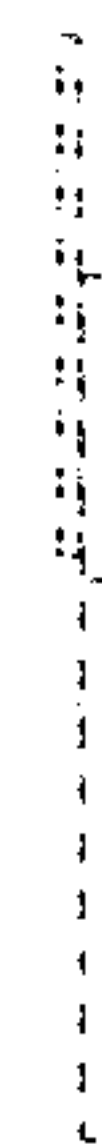


Fig. 7