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(12) **United States Design Patent**  
**Xu**

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(54) **CARABINER WITH THREADED LOCK AND SWIVELING STRAP ATTACHMENT**

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

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(51) **LOC (9) Cl.** ..... **08-05**

(52) **U.S. Cl.** ..... **D8/356; D8/367**

(58) **Field of Classification Search** ..... D8/367,  
D8/371, 373, 354, 349, 355, 356; D6/323;  
248/215, 301, 339; 160/349.1, 349.2; 24/265 H,  
24/265 R, 599.1, 599.8, 113 R, 573.5; 294/82.18;  
29/525.1, 45.3; D3/24; 223/106  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D337,935	S	*	8/1993	Hawley	.....	D8/367
5,274,887	A	*	1/1994	Fudaki	.....	24/265 H
D355,585	S	*	2/1995	Terada et al.	.....	D8/367
5,450,661	A	*	9/1995	Rekuc	.....	24/599.6
5,671,514	A	*	9/1997	Matoba et al.	.....	24/601.2
D402,189	S	*	12/1998	Izumi	.....	D8/382
5,878,834	A	*	3/1999	Brainerd et al.	.....	182/3
6,317,940	B1	*	11/2001	Matoba et al.	.....	24/600.9
6,550,413	B2	*	4/2003	Fiorentino et al.	.....	114/311
6,694,574	B1	*	2/2004	Sheng	.....	24/265 H
D491,049	S	*	6/2004	Kung	.....	D8/367
D500,244	S	*	12/2004	Yoshiguchi	.....	D8/367
D579,763	S	*	11/2008	Uehara et al.	.....	D8/367
D631,331	S	*	1/2011	Kelleghan	.....	D8/356
D649,018	S	*	11/2011	Kope	.....	D8/367
D649,024	S	*	11/2011	Takazakura	.....	D8/367

D649,862 S \* 12/2011 Arvinte et al. .... D8/339  
2006/0179784 A1 \* 8/2006 Chen ..... 52/698  
2006/0180728 A1 \* 8/2006 Abrantes ..... 248/328

\* cited by examiner

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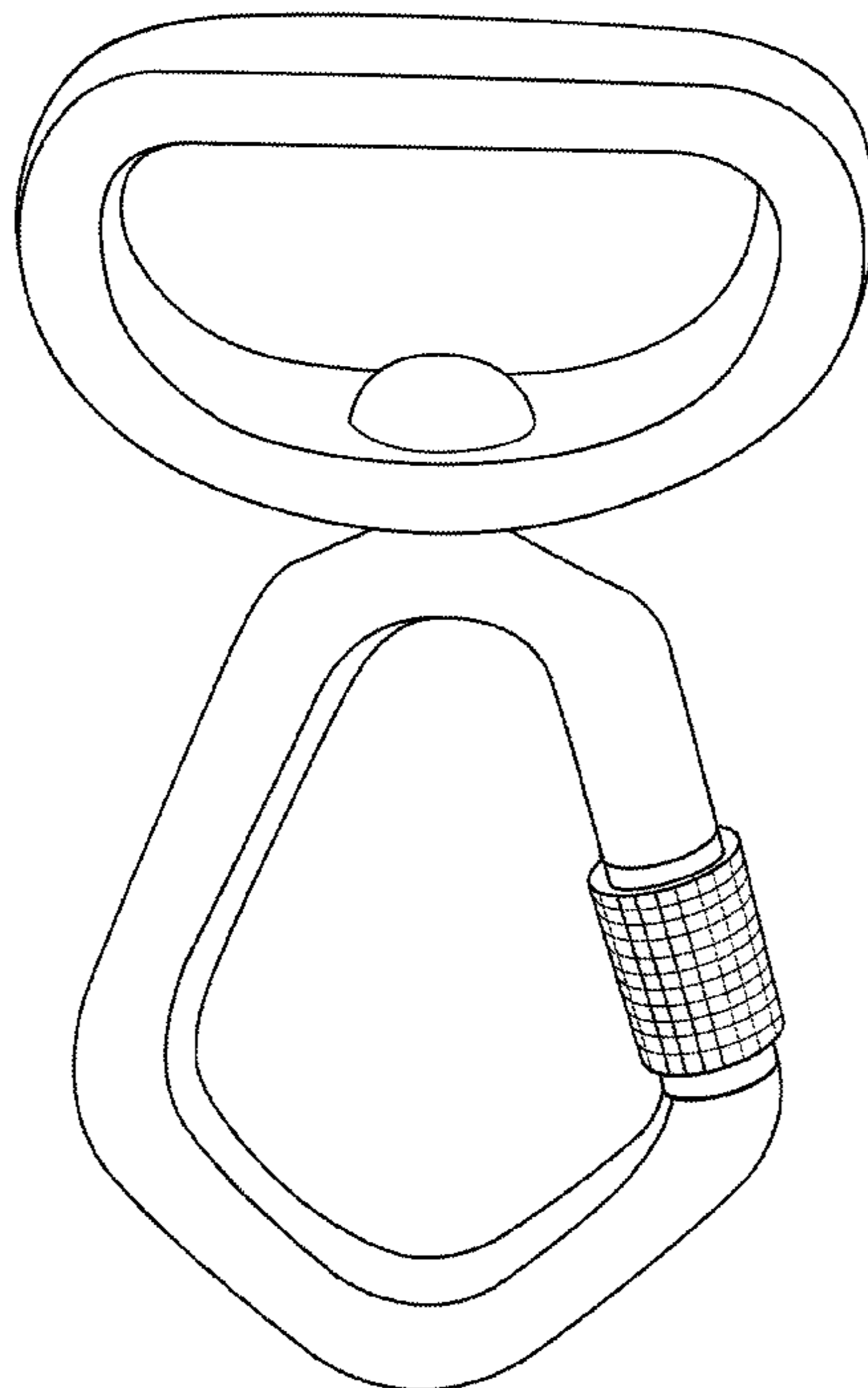
(57) **CLAIM**

The ornamental design for a carabiner with threaded lock and swiveling strap attachment, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and top perspective view of the carabiner with threaded lock and swiveling strap attachment shown in a locked position of use showing my new design; FIG. 2 is a front and top perspective view of the carabiner with threaded lock and swiveling strap attachment shown in an open position of use; FIG. 3 is a rear and top perspective of the carabiner with threaded lock and swiveling strap attachment shown in a locked position of use showing my new design; FIG. 4 is a rear and top perspective view of the carabiner with threaded lock and swiveling strap attachment shown in a locked position of use showing my new design; and, FIG. 5 is a front, top and left side perspective view of the carabiner with threaded lock and swiveling strap attachment shown in a locked position and shown in use with the upper portion swiveled at a 90 degree angle to the lower portion; the right side view of the upper portion being a mirror image of the left.

**1 Claim, 5 Drawing Sheets**



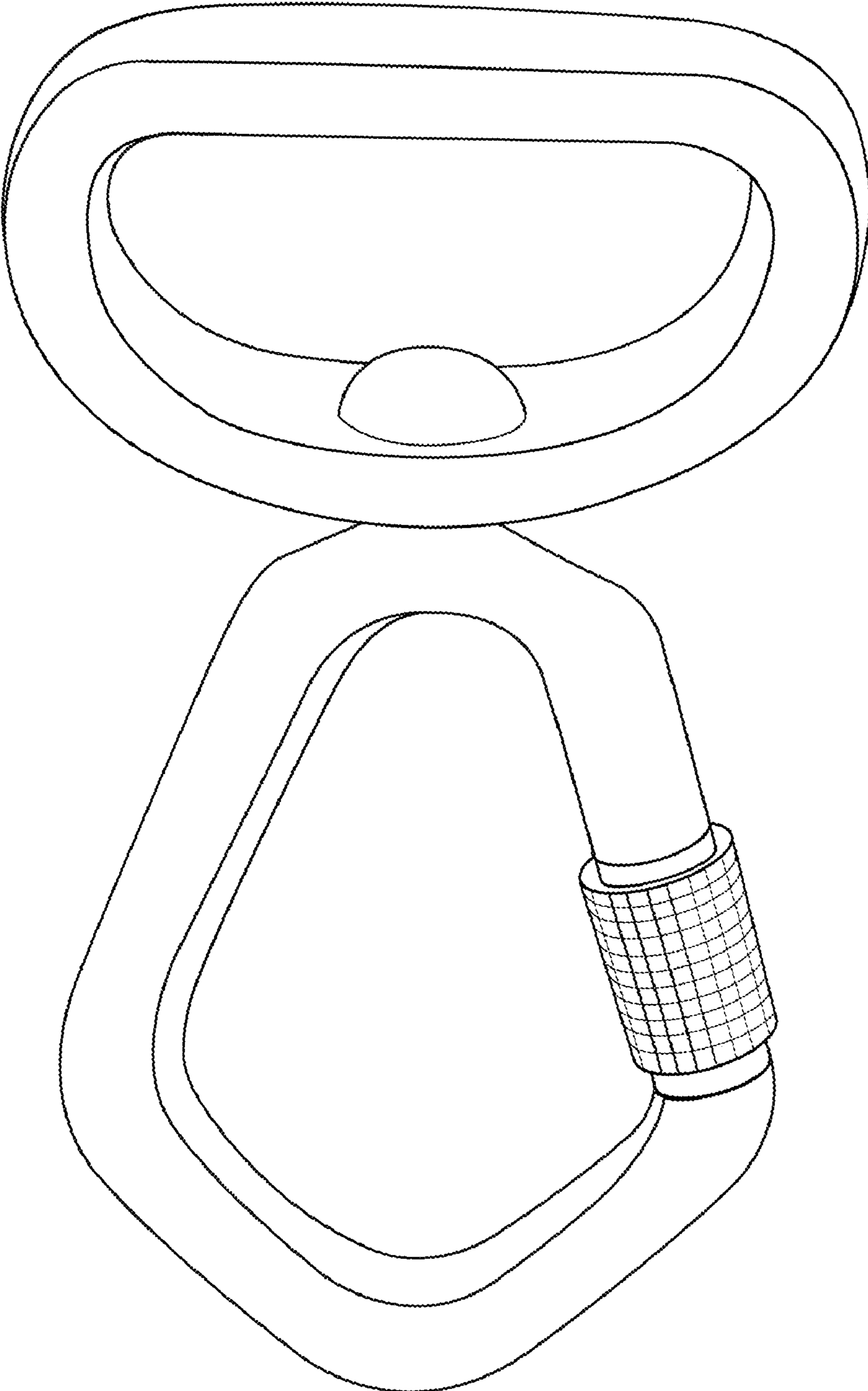


FIG. 1

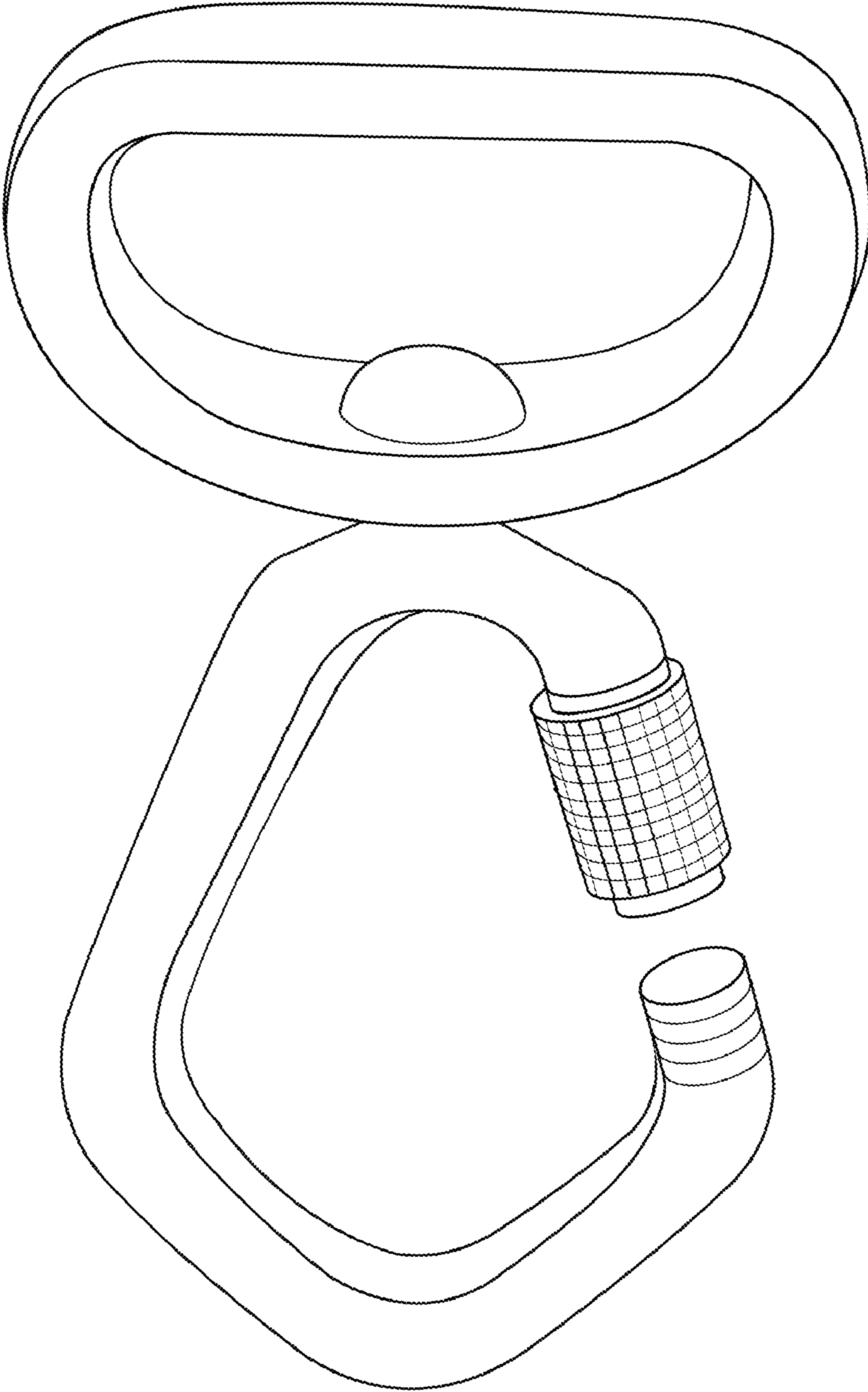


FIG. 2

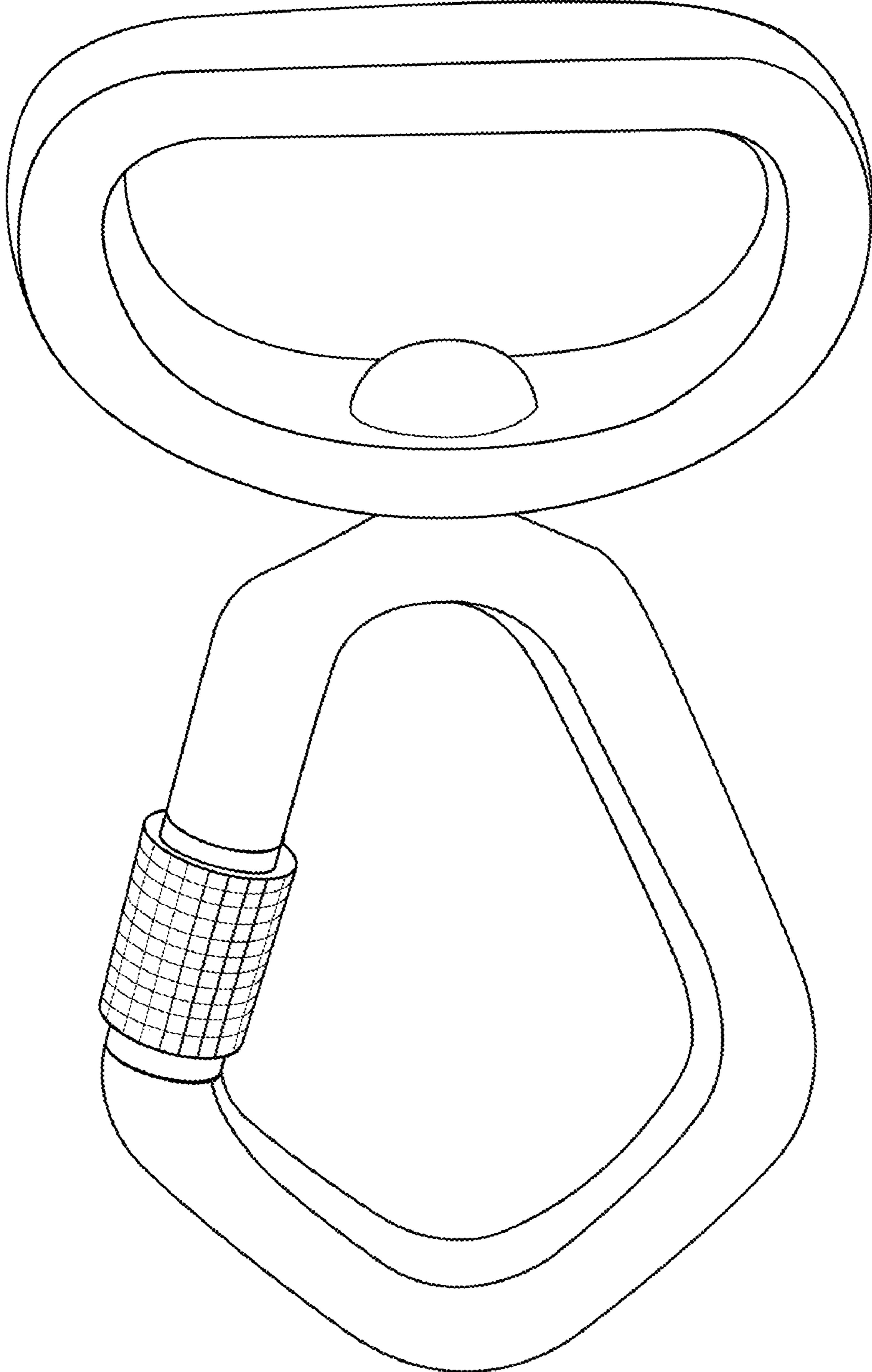


FIG. 3

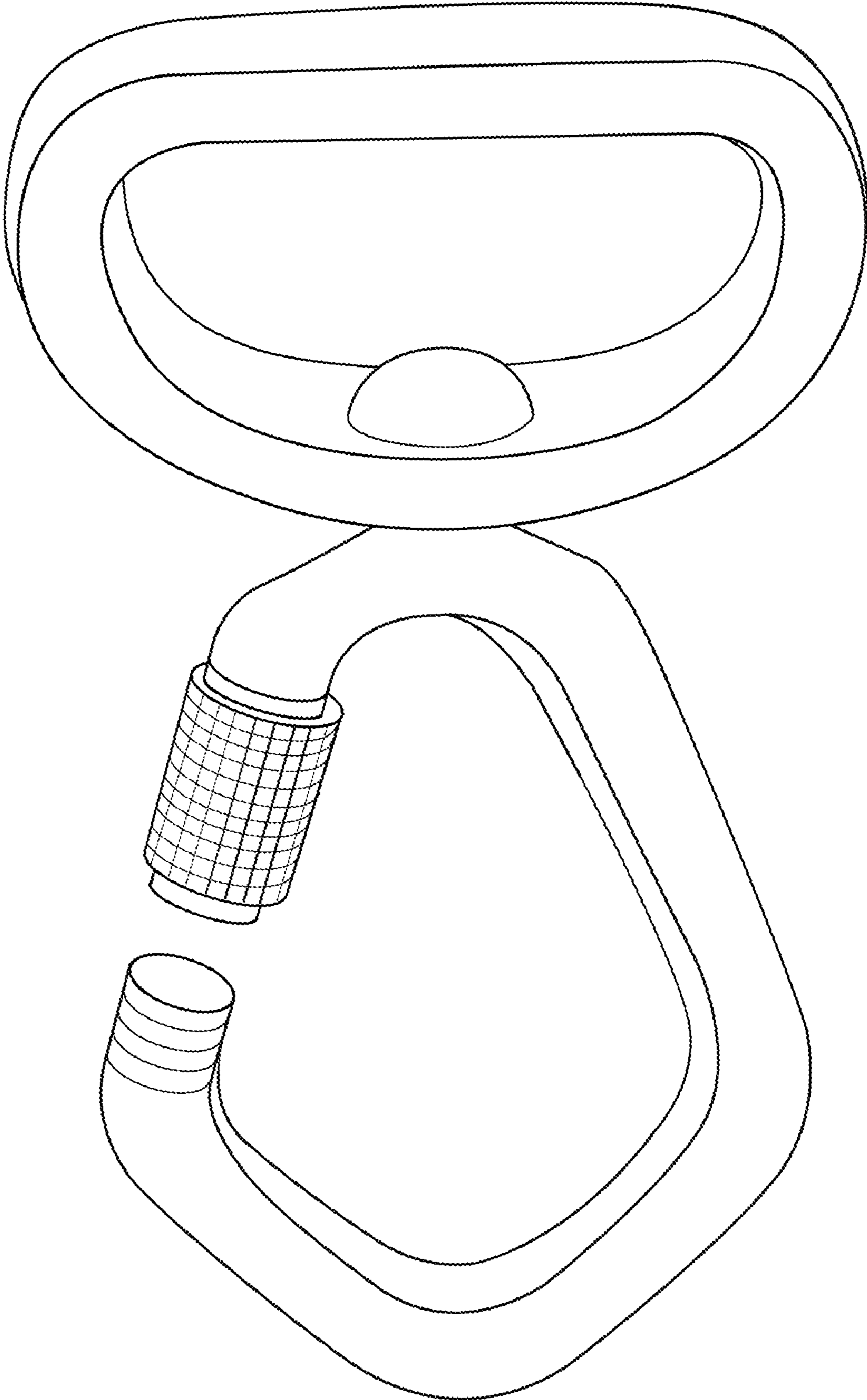


FIG. 4

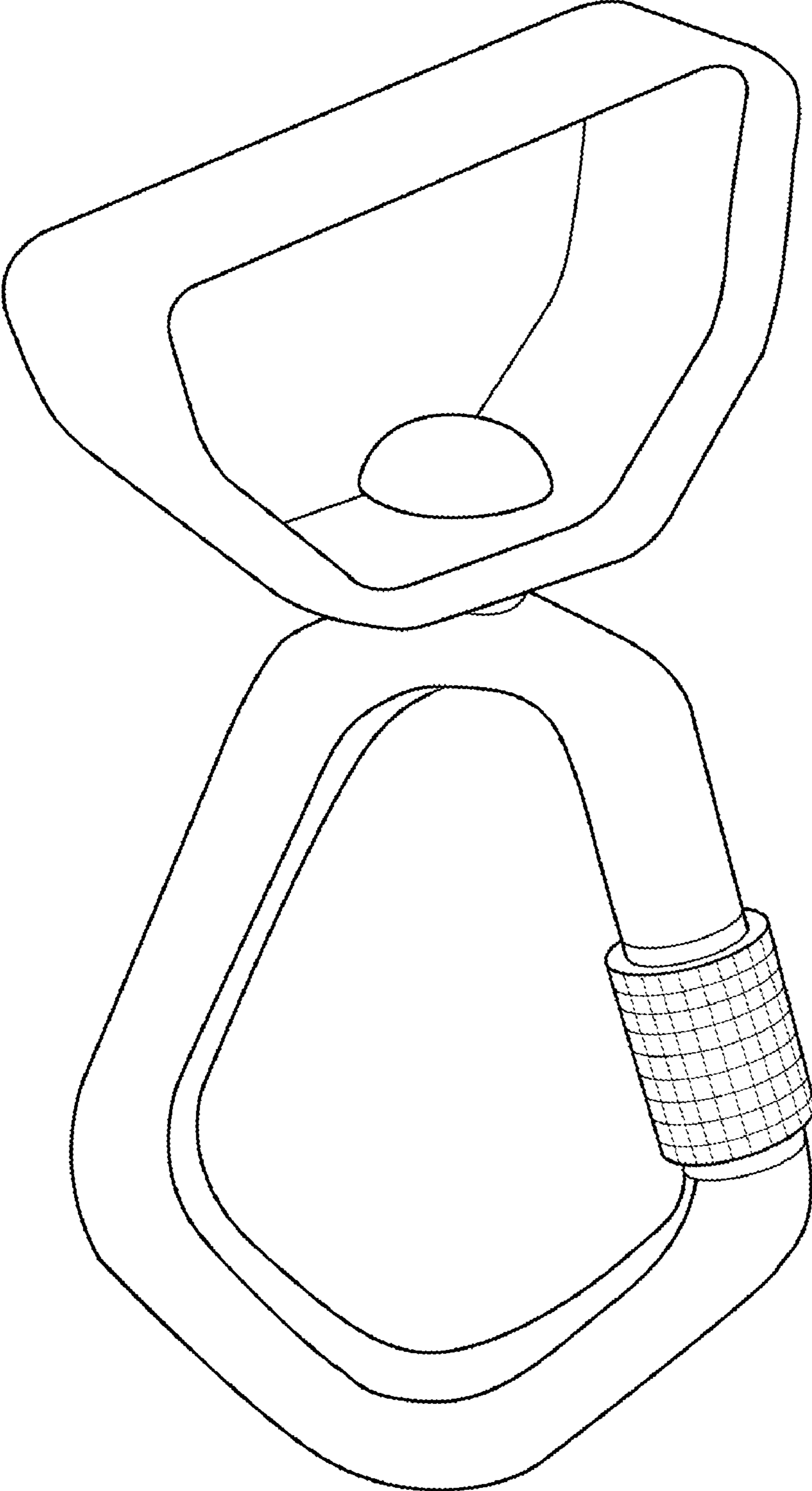


FIG. 5