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**Burnsed, Jr.**

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- (54) **SLING ATTACHMENT DEVICE** 1,079,098 A \* 11/1913 Beckett ..... F16G 11/00  
24/128
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(US) 224/150
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Wentworth, GA (US) 24/28
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GA (US) 24/116 A
- (\*) Notice: Subject to any disclaimer, the term of this 2,579,689 A \* 12/1951 Miller ..... B65D 63/14  
patent is extended or adjusted under 35 24/128  
U.S.C. 154(b) by 0 days. 3,027,130 A \* 3/1962 Stumpff ..... B68C 1/20  
248/309.1  
3,335,468 A \* 8/1967 Harley ..... F16G 11/00  
24/115 R

(Continued)

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**F41C 33/00** (2006.01)

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See application file for complete search history.

- (56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 224,180 A \* 2/1880 Hall ..... F16G 11/00  
24/128
- 541,729 A \* 6/1895 Dillin ..... F16G 11/00  
24/128

**OTHER PUBLICATIONS**

Blue Force Gear, Inc., Universal Wire Loop, <https://www.blueforcegear.com/universal-wire-loop-uw1-3-25.html>, accessed Nov. 2, 2015.

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- (57) **ABSTRACT**

A sling attachment device has a body having a strap facility adapted for attachment of a sling strap, a flexible elongated tether having a first end attached to the body, the tether having a free end opposite the first end, and the body defining a receptacle operable to receive the free end of the tether, such that the tether may be threaded through an aperture on a rifle and received by the receptacle to secure the strap to the rifle. The tether may have a selected first width along at least a portion of its length, and the free end may have a second width greater than the first width. A ball may be attached to the free end. The body may define a channel having a width larger than the first width and smaller than the second width. There may be an aperture adjacent to the channel.

**20 Claims, 10 Drawing Sheets**

