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# United States Patent [19]

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Waugh

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[54] **VEHICLE RECOVERY DEVICE FOR USE BY HELICOPTER**

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### [57] ABSTRACT

[21] Appl. No.: **320,616**

A recovery device for use from the cargo door of a helicopter hovering over a vehicle to be recovered and including a telescoping pole with an upper end secured to the helicopter floor and a lower end defining a hoop which can be manipulated around the weapon or target into a first position for securing a first noose to a first portion of the vehicle to be recovered. The snare pole is then shifted to a second position where a second noose is tightened around a second portion of the vehicle. After the nooses have been positioned about the vehicle, the crewman aboard the helicopter pulls the retainer lanyard joined to the retaining pins. This operation releases the snare pole from the helicopter. The inner pole telescopes within the outer pole, and the vehicle is held directly beneath the helicopter by the cargo hook. The pilot can then fly the helicopter upwardly to carry the vehicle clear of the water.

[22] Filed: **Oct. 7, 1994**

[51] Int. Cl.<sup>6</sup> ..... **B64D 9/00**

[52] U.S. Cl. .... **244/137.4; 294/19.1; 119/804; 244/118.1**

[58] Field of Search ..... **244/137.1, 137.2, 244/118.1; 114/221 R, 230; 294/19.1; 119/804, 803; 440/83**

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**10 Claims, 3 Drawing Sheets**

