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# United States Patent [19]

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Ostrobrod

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[54] **ROPE GRAB**

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[52] U.S. Cl. .... **188/65.1; 182/5; 182/193; 188/65.2**

[58] Field of Search ..... **188/65.1, 65.2; 182/5, 182/6, 7, 192, 193**

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### [57] ABSTRACT

The rope grab safety device of the present invention releasably attaches a workman's safety belt lanyard to a vertically extending safety rope. The device includes a primary frame assembly constructed of an elongated U-shaped bracket having a pair of spaced apart parallel side plates which is adapted to fit around the rope. A secondary frame assembly also comprised of a pair of side plates is adapted to fit within the U-shaped bracket after the rope is inserted. The secondary frame assembly carries a brake lever and brake shoe which is adapted to engage the rope in the event of a fall. An elongated bent pin connected between the primary and secondary frame assemblies allows for limited pivotal and axial movement between them to thereby allow the rope to be inserted into the U-shaped bracket. A separate locking pin passes through aligned openings in the primary and secondary frame members to secure them together.

10 Claims, 3 Drawing Sheets

