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# United States Patent [19]

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Reams et al.

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[54] SAFETY AND ARMING DEVICE

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102/406; 89/1.55

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[57] ABSTRACT

A safety and arming device interconnecting a bomb with a target detector insures safe mine laying deployment thereof through a detonation explosive train that is armed in delayed response to payout of a lanyard under enablement control exercised by a hydrodynamic piston in response to water impact during such deployment.

12 Claims, 3 Drawing Sheets

