United States Patent [19]

Gates

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[54] **EXPLOSION-PROOF FLOW SAMPLING APPARATUS**

[75] Inventor: **Wendall C. Gates,** Santa Cruz, Calif.

[73] Assignee: **Advanced Instrumentation Inc.,** Santa Cruz, Calif.

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[52] **U.S. Cl.** ..... **73/421 B;** 137/205; 222/205

[58] **Field of Search** ..... 73/421 B, 220; 137/205; 222/205

[56] **References Cited**

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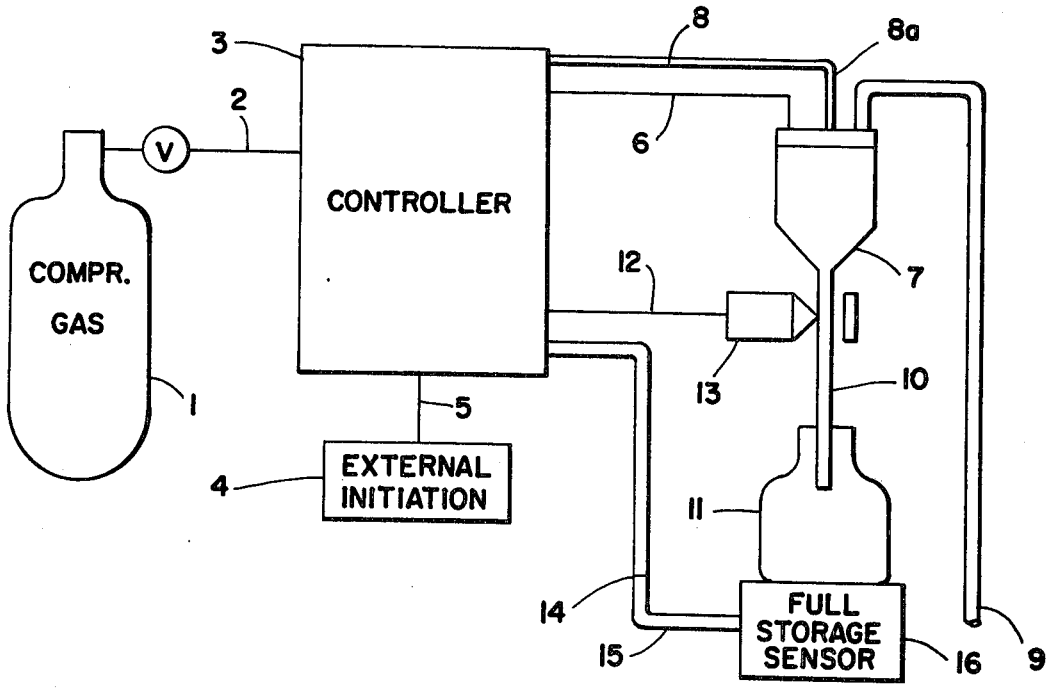
Primary Examiner—S. Clement Swisher

Attorney, Agent, or Firm—Owen, Wickersham & Erickson

[57] **ABSTRACT**

An apparatus for collecting samples of water from open flows is disclosed. The apparatus includes a controller, a quantimetric chamber and storage means, and provides for automatic collection and storage of liquid samples. The entire device is pneumatically operated and therefore suitable for use in explosive atmospheres.

21 Claims, 7 Drawing Figures