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(71) Applicant: **ENTEGRIS, INC.** [US/US]; 129 Concord Road, Billerica, Massachusetts 01821 (US).

(72) Inventors: **DESPRES, Joseph Robert**; 32 Pheasant Drive, Middletown, Connecticut 06457 (US). **SWEENEY, Joseph D.**; 9 Lance Lane, New Milford, Connecticut 06776 (US). **STURM, Edward A.**; 9 Grandview Lane, New Milford, Connecticut 06776 (US).

(74) Agent: **GATES, Catherine D.**; 129 Concord Road, Billerica, Massachusetts 01821 (US).

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Declarations under Rule 4.17:

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(54) Title: ADSORBENT-BASED, MECHANICALLY-REGULATED GAS STORAGE AND DELIVERY VESSEL

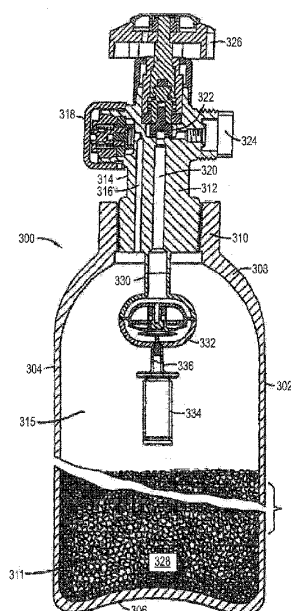


FIG. 1

(57) Abstract: Described are storage and dispensing vessels and related systems and methods, for dispensing reagent gas from a vessel in which the reagent gas is held in sorptive relationship to a solid adsorbent medium, the reagent gas being contained at super-atmospheric pressure and the solid adsorbent medium comprising a metal-organic framework.

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