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(71) Applicant: ALLTECH ASSOCIATES, INC. [US/US];
7500 Grace Drive, Columbia, Maryland 21044 (US).

(72) **Inventors:** **GU, Feng**; 3027 Terra Maria Way, Ellicott City, Maryland 21042 (US). **MU, Ning**; 2494 Amber Orchard Court E. #204, Odenton, Maryland 21113 (US).

(74) **Agent: ARTALE, Beverly**; 7500 Grace Drive, Columbia, Maryland 21044 (US).

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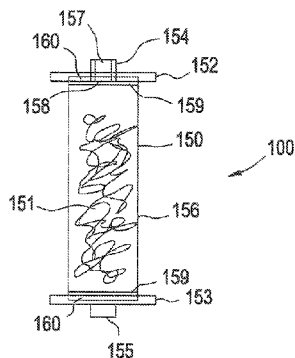
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(54) Title: CHROMATOGRAPHY MEDIA AND DEVICES

FIG. 1



(57) Abstract: Chromatography devices contain chromatography media and methods of making and methods of using chromatography devices. Chromatography devices enable a more efficient, productive and/or environmentally friendly chromatographic operation due to one or more of the following advantages over conventional chromatographic operations: elimination of a device packing step by the user; elimination of clean-in-place (CIP) steps; elimination of clean-in-place (CIP) steps utilizing sodium hydroxide solution; elimination of any validation steps by the user; and use of a chromatography device comprising biodegradable material. The chromatography media includes porous inorganic particles having a functionalized surface and having a median pore size of at least about 300 Angstroms (Å), or at least about 300 Å up to about 3000 Å. The inorganic particles may have a BET surface area of at least about 20 m²/g, or at least about 25 m²/g, or about 30 m²/g, up to about 2000 m²/g.