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(71) **Applicant**: **SILK THERAPEUTICS, INC.** [US/US]; 200 Boston Avenue, Medford, MA 02155 (US).

(72) **Inventors**: **ALTMAN, Gregory, H.**; 101 Madison Avenue, Arlington, MA 02474 (US). **MORTARINO, Enrico**; 341 8th Street SW, Hickory, NC 28601 (US).

(74) **Agents**: **VOGT, Frederick G.** et al.; Morgan Lewis & Bockius LLP, 1701 Market Street, Philadelphia, PA 19103 (US).

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(54) **Title**: SILK PERFORMANCE APPAREL AND PRODUCTS AND METHODS OF PREPARING THE SAME

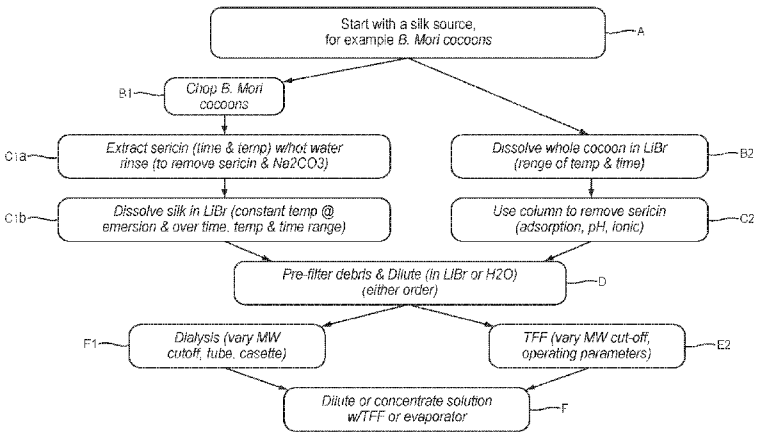


FIG. 1

(57) **Abstract**: Silk performance apparel and methods of preparing the same are disclosed herein. In some embodiments, silk performance apparel includes textiles, fabrics, consumer products, and other materials that are coated with aqueous solutions of pure silk fibroin- based protein fragments. In some embodiments, coated apparel products exhibit surprisingly improved moisture management properties and increased resistance to microbial growth.