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(71) Applicant: **SIGMA-ALDRICH CO. LLC** [US/US]; 3050
Spruce Street, St. Louis, Missouri 63103 (US).

(72) Inventor: **CHEN, Yong**; c/o Sigma-Aldrich Co. LLC, 3050
Spruce Street, St. Louis, Missouri 63103 (US).

(74) Agent: **FROST, Kristin J.** et al.; Sigma-Aldrich Co. LLC,
c/o EMD Millipore Corporation, Patent Department, 400
Summit Drive, Burlington, Massachusetts 01803 (US).

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ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO,
NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW,
SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN,
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(54) Title: DRYING PROCESSES FOR BIO-COMPATIBLE SPME COATINGS

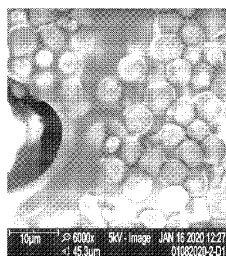


FIG. 1A

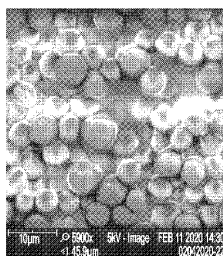


FIG. 1B

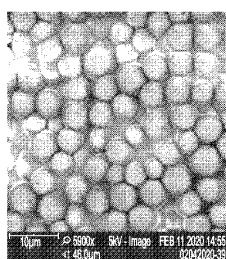


FIG. 1C

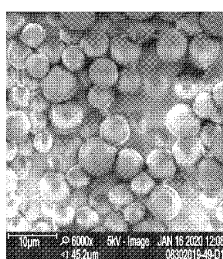


FIG. 1D

(57) Abstract: Improved methods for drying for bio-compatible solid phase microextraction (BioSPME) coatings yielding coatings with highly consistent extraction efficiency and biocompatibility. The methods, adapted to flow-through drying systems involve determining relative humidity in and around the drying system, determining a drying temperature range based on the relative humidity, and maintaining the drying temperature within the determined range while drying the coating.

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