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(71) Applicant: **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).

(72) Inventors: **LIU, Qihan**; 58 Oxford Street, Cambridge, MA 02138 (US). **PARKER, Kevin, Kit**; 29 Oxford Street, Cambridge, MA 02138 (US).

(74) Agent: **ZACHARAKIS, Maria, Laccotripe** et al.; McCarter & English, LLP, 265 Franklin Street, Boston, MA 02110 (US).

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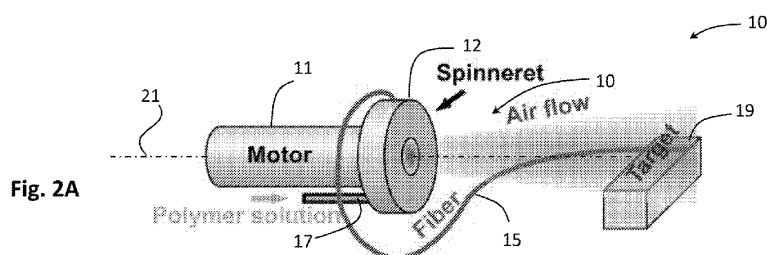
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(54) Title: FOCUSED ROTARY JET SPINNING DEVICES AND METHODS OF USE THEREOF



(57) Abstract: Systems and methods for focused direction deposition of a micron or nanometer dimension polymeric fiber and materials of such fibers are described herein. Systems and methods employ one or more gas flows to entrain and deflect fibers produced by a rotary jet spinning system forming a focused fiber stream. Some embodiments enable control of alignment and distribution of the fibers with a relatively high fiber throughput.