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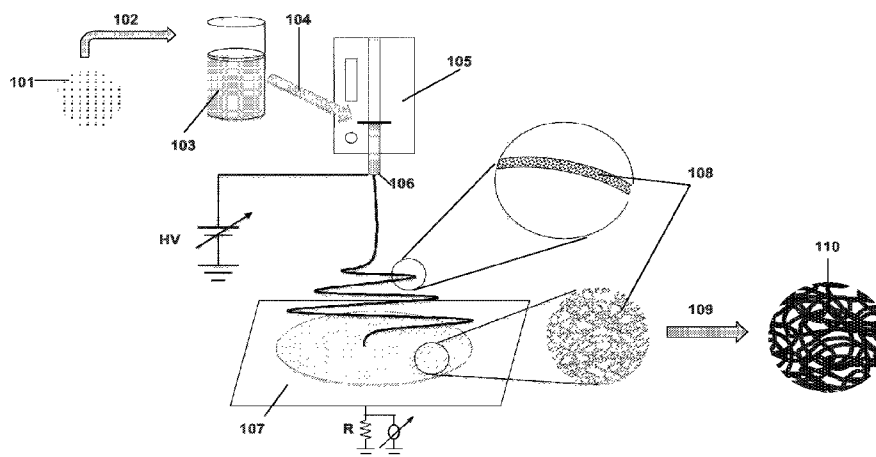
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(54) Title: METAL AND CERAMIC NANOFIBERS

**FIG. 1**

(57) **Abstract**: Provided herein are nanofibers and processes of preparing nanofibers. In some instances, the nanofibers are metal and/or ceramic nanofibers. In some embodiments, the nanofibers are high quality, high performance nanofibers, highly coherent nanofibers, highly continuous nanofibers, or the like. In some embodiments, the nanofibers have increased coherence, increased length, few voids and/or defects, and/or other advantageous characteristics. In some instances, the nanofibers are produced by electrospinning a fluid stock having a high loading of nanofiber precursor in the fluid stock. In some instances, the fluid stock comprises well mixed and/or uniformly distributed precursor in the fluid stock. In some instances, the fluid stock is converted into a nanofiber comprising few voids, few defects, long or tunable length, and the like.

