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(54) Title: HIGHLY ALIGNED AND PACKED HOLLOW FIBER ASSEMBLY

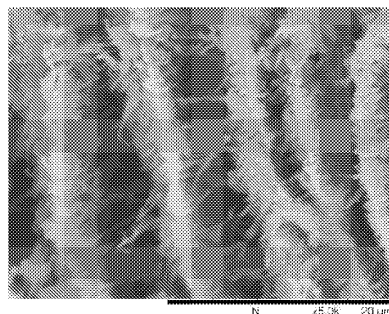


Fig. 1

(57) Abstract: Provided is a highly aligned and closely packed electrospun fiber assembly, wherein the fibers have at least an extension part or pore on the surface thereof. A microtube array membrane (MTAM) comprises fiber assembly of the present disclosure. The applications of these electrospun fiber assemblies in biological applications, and method of manufacturing these electrospun fiber assemblies are also provided.

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