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(54) Title: HYDROPHILIC EXPANDED FLUOROPOLYMER MEMBRANE COMPOSITE AND METHOD OF MAKING SAME

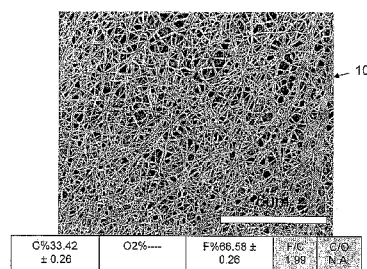


FIG. 1A

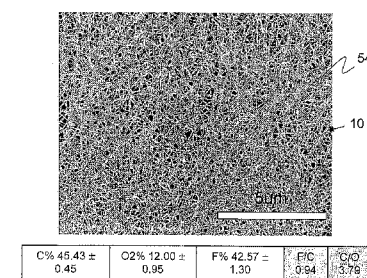


FIG. 1B

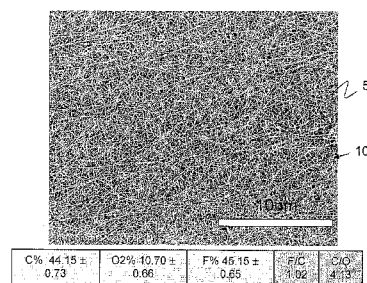


FIG. 1C

(57) Abstract: A hydrophilic expanded fluoropolymer membrane having a coating comprising a copolymer comprising a non-wetting monomer and a fluoromonomer is described. In one embodiment, the non-wetting monomer and fluoromonomer are cross linked. A process of vaporizing, condensing and curing a formulation or formulations comprising the non-wetting monomer and/or the fluoromonomer is described. In one embodiment the condensed formulation is exposed to a high energy source such as a UV lamp for example to cross link the non-wetting monomer with the fluoromonomer. The coating may be conformable coating and may provide a hydrophilic membrane that has high water flow rates.