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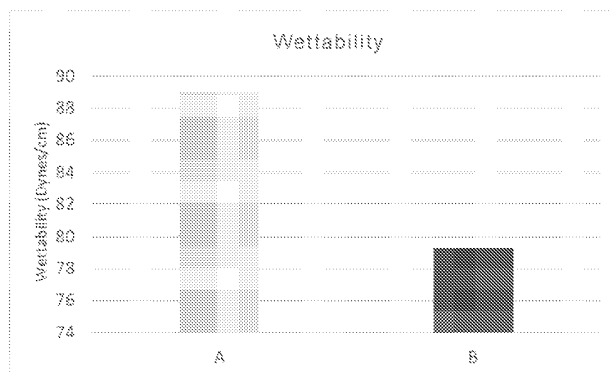


Figure 1

(57) Abstract: The disclosure provides porous membranes capable of removing very small particulates from a liquid composition. In certain embodiments, the porous membranes comprise poly(tetrafluoroethylene), wherein the membrane is at least partially coated with a polymer prepared from the free radical reaction of ethylenically-unsaturated monomers, wherein the monomers are comprised of monomers having an amide moiety. In particular embodiments, the membranes are capable of removing, by filtration, microbial particles such as bacteria, thus rendering the resulting liquid composition essentially sterile.

