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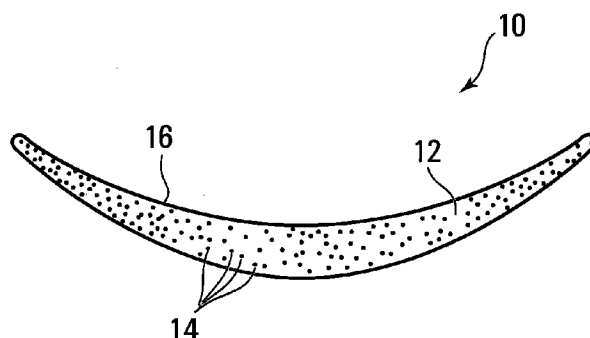
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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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(54) Title: POROUS POLYMERIC MATERIAL WITH CROSS-LINKABLE WETTING AGENT



(57) Abstract: A porous material is provided which comprises a transparent polymer matrix defining interconnected pores and a wetting agent. At least a portion of the wetting agent is cross-linked with the polymer matrix. A process for forming a porous polymeric material is also provided. A bicontinuous microemulsion comprising water, a wetting agent, a monomer, and a surfactant copolymerizable with the monomer is polymerized, to form a polymer defining interconnected pores. The wetting agent comprises a cross-linkable wetting agent such that after polymerization, at least a portion of the cross-linkable wetting agent is cross-linked with the polymer. The wetting agent may comprise acrylated hyaluronic acid (AHA) such as methacrylated hyaluronic acid (MeHA). The wetting agent may also comprise a hyaluronic acid (HA). The wetting agent may include an unbonded portion that this releasable from the material. A contact lens may be made from the porous material.

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