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(54) Title: INK FORMULATIONS AND USES THEREOF

(57) Abstract: The present invention provides a chemical ink comprises a solvent, a binder polymer, a colorant and optionally a crosslinker. The ink of the invention has one or more of the following characteristics: a viscosity lower than about 50 centipoises; a surface tension of from about 20 mN/m to about 60 mN/m; a particle size of less than about 5 μm; prolonged stability; an appropriate color level (visible by eye); uniform drop formation; jet stability; good adhesion to contact lenses; good transfer from a mold to a lens made in the mold; and stability of ink in inkjet nozzles. The ink of the invention is useful for inkjet printing of a high-quality color image on a contact lens or a mold so as to produce a colored contact lens.