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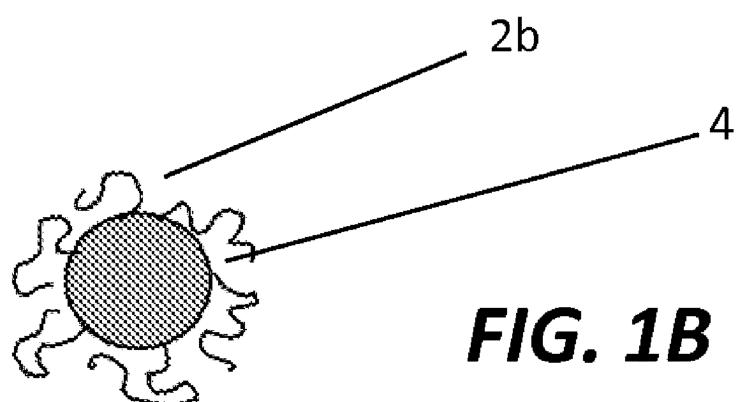
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(54) Title of the Invention: **Ink compositions comprising surfactants having limited solubility**
Abstract Title: **Ink compositions comprising surfactants having limited solubility**

(57) Disclosed herein are ink compositions comprising a self-dispersed pigment in a liquid vehicle. The liquid vehicle can comprise a solvent/water mixture in which the composition further comprises a surfactant system having limited solubility/compatibility with the liquid vehicle. Also disclosed are surfactant systems comprising at least a first and a second surfactant, where the first surfactant is selected from alkoxylated alkyne-containing alkylene diols and N-alkyl pyrrolidones, and wherein the first surfactant has a solubility of less than 0.5% in a 5% glycerol/water mixture, and where the a second surfactant is selected from acetylene alcohols comprising linear or branched C₁-C₁₄ alkyls, and alkoxylated phosphate esters.



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