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(54) Title: ASA SIZING EMULSIONS CONTAINING LOW AND HIGH MOLECULAR WEIGHT CATIONIC POLYMERS ✓			
(57) Abstract			
ASA sizing emulsions containing low and high molecular weight cationic polymers are described. An ASA sizing emulsion of the invention contains 25 to 99 percent by weight water, 0.003 to 60 percent by weight ASA, 0.003 to 50 percent by weight of a cationic polymer mixture, and 0 to 2 percent by weight of a surfactant. The cationic polymer mixture contains 75 to 99 percent by weight of an ionene polymer and 1 to 25 percent by weight of a high molecular weight polyethyleneimine polymer. In the sizing emulsion, the ASA has a particle size ranging from 0.5 to 3 microns. A method for sizing paper using such an emulsion is also described.			