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(71) Applicant (for all designated States except US): **NALCO COMPANY** [US/US]; 1601 W. Diehl Road, Naperville, Illinois 60563-1198 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GREENE, Nathaniel T.** [US/US]; 1025 Red Clover Drive, Aurora, Illinois 60504 (US). **GILL, Jasbir S.** [US/US]; 3612 Landsdown Avenue, Naperville, Illinois 60564 (US). **GODFREY, Martin R.** [US/US]; 4766 London Lane, Eagan, Minnesota 55122 (US). **WILLIAMS, Cheryl** [US/US]; 133 Oak Avenue, Lockport, Illinois 60441 (US).

(74) Agents: **YONTER, Edward O.** et al.; 1601 W. Diehl Road, Naperville, Illinois 60563-1198 (US).

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(54) Title: METHOD FOR INHIBITING THE FORMATION AND DEPOSITION OF SILICA SCALE IN AQUEOUS SYSTEMS

(57) Abstract: This invention relates to an improved method for inhibiting the formation and deposition of silica arid silicate compounds in a water system. In particular, the method includes adding to the water system a relatively low molecular weight organic, anionic polymer. The polymer preferably has an acrylic acid or methacrylic acid functionality and is preferrahly selected from one or more of homopolymers of acrylic- acid, a methacrylic acid/polyethylene glycol allyl ether copolymer, a homopolymer of methacrylic acid, an acrylic acid/polyethylene glycol allyl ether copolymer, and an acrylic acid/1 -allyloxy-2-hydroxypropane sulfonic acid copolymer, homopolymers of maleic anhydride, copolymers of maleic anhydride and polyethylene glycol allyl ether, and combinations thereof.



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