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E. [US/US]; 4721 Winding Hollow Drive, Fort Worth, TX 76179 (US).

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PCT/US2009/038152(74) Agents: **BROWN, Gregg, C.** et al.; Alcon Research, Ltd., IP Legal, Mail Code TB4-8, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).(22) International Filing Date:
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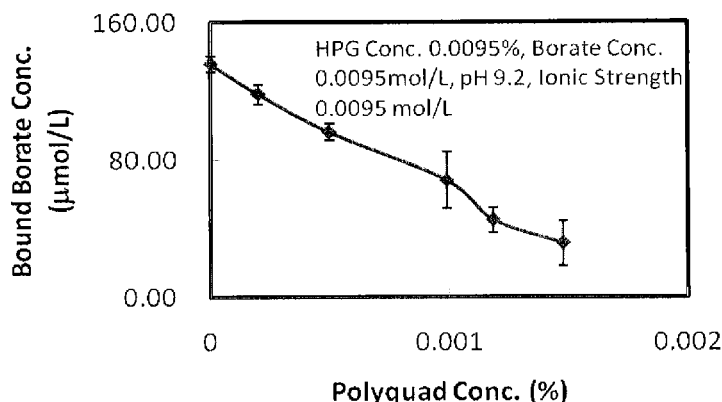
(72) Inventors; and

(75) Inventors/Applicants (for US only): **KETELSON, Howard, Allen** [CA/US]; 5018 Bradford Drive, Dallas, TX 75235 (US). **DESOUSA, Ryan** [IN/US]; 3625 Dominy Lane, Apt. 621, Fort Worth, TX 76116 (US). **DASSANAYAKE, Nissanke, L.** [US/US]; 4301 Donnelly Avenue, Fort Worth, TX 76107 (US). **LUCK, Mary,**

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(54) Title: INTERACTION CONTROL OF CATIONIC BIOCIDES USING LABILE ANIONIC POLYELECTROLYTES



(57) Abstract: Methods of inhibiting the uptake of cationic biocides into medical devices such as contact lenses and implants are described. Methods of stabilizing emulsions containing cationic biocides are also described. In particular, the present invention provides for the use of polymers acting as labile anionic polyelectrolytes to reversibly bind cationic biocides. The reversible binding can reduce the deleterious effects of cationic biocides while maintaining biocidal activity. Preferred polymers include galactomannan and polyvinyl alcohol.

Colloid titration of HP-Guar/Borate interactions with Polyquad®.

FIG. 3



OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG).

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