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# United States Patent [19]

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[54] **CROSS-LINKED SILICONE POLYMERS, FAST CURING SILICONE PRECURSOR COMPOSITIONS, AND INJECTABLE INTRAOCULAR LENSES**

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[58] **Field of Search** ..... 623/6; 351/160 R; 525/478; 528/15, 31, 32

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[57] **ABSTRACT**

Polymeric materials which are optically clear and resistant to discoloration are disclosed. In one embodiment, such compositions comprise optically clear, cross-linked polymers derived from a mixture comprising (A) a vinyl-containing polyorganosiloxane component, and (B) an organosilicon component including silicon-bonded hydride groups which react with vinyl groups included in (A) during the polymerization and (C) an effective platinum group metal-containing catalyst component, provided that the mole ratio of vinyl groups to silicon-bonded hydride groups in the mixture is greater than 1.2, preferably greater than about 4 or about 5, and is such that the polymers has a reduced discoloration susceptibility relative to a substantially identical polymer having a mole ratio of vinyl groups to silicon-bonded hydride groups in the precursor mixture equal to 1.2.

**13 Claims, No Drawings**