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[54] **NON-ANTIBACTERIAL TETRACYCLINE COMPOSITIONS OF THE PREVENTION AND TREATMENT OF ROOT CARIES**

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Related U.S. Application Data

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[52] **U.S. Cl.** **514/152**

[58] **Field of Search** 514/152

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[57] ABSTRACT

Methods of inhibiting root caries formation on mammalian tooth surfaces are disclosed. The methods include topically contacting the tooth root surfaces with an effective amount of a non-antibacterial tetracycline which is not systemically absorbed into the blood stream. In preferred embodiments, the tetracyclines are included in various oral hygiene products such as dentifrices, lozenges, chewing gums and the like to contact the tooth root surfaces.

9 Claims, No Drawings