



US005324520A

United States Patent [19]

[11] Patent Number: **5,324,520**

Dunn et al.

[45] Date of Patent: **Jun. 28, 1994**

[54] **INTRAGINGIVAL DELIVERY SYSTEMS FOR TREATMENT OF PERIODONTAL DISEASE**

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[21] Appl. No.: **46,396**

PCT Application Publication, WO 9003768 (Southern Research Institute), Apr. 19, 1990.

[22] Filed: **Apr. 13, 1993**

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Related U.S. Application Data

[63] Continuation of Ser. No. 742,719, Aug. 5, 1991, abandoned, which is a continuation of Ser. No. 286,456, Dec. 19, 1988, abandoned.

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[51] Int. Cl.⁵ **A61K 9/14; A61K 9/16; A61K 9/48; A61K 37/22**

[52] U.S. Cl. **424/435; 424/426; 424/434; 424/450; 424/451; 424/486; 424/487; 424/489; 424/490; 436/829; 514/953; 514/963; 264/4.1; 264/4.33; 264/4.6; 264/4.7**

[58] Field of Search **424/422, 426, 435, 434, 424/486, 487, 451, 489, 490; 264/4.1, 4.33, 4.6, 4.7; 514/772.3, 963, 450, 953; 436/829**

[57] ABSTRACT

A polymeric controlled delivery system is provided for use in treating periodontal disease. The delivery system in a variety of forms is placed directly in the infected gingival tissue where the chemotherapeutic agent is slowly released into the tissue and into the infected periodontal pocket by means of the gingival crevicular fluid originating in the gingival tissue.

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15 Claims, No Drawings