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Dunn et al.

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[54] **BIODEGRADABLE SYSTEM FOR REGENERATING THE PERIODONTIUM**

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Related U.S. Application Data

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[51] **Int. Cl.**[5] **A61F 2/00**

[52] **U.S. Cl.** **424/426;** 424/423; 424/424; 424/425; 424/435; 514/900

[58] **Field of Search** 424/426, 423, 424, 425; 514/900

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[57] **ABSTRACT**

Methods are described for assisting the restoration of periodontal tissue in a periodontal pocket and for retarding migration of epithelial cells along the root surface of a tooth. The methods involve placement of an in-situ forming biodegradable barrier adjacent the surface of a tooth. The barrier is microporous and includes pores of defined size. The barrier can include a biologically active agent.

13 Claims, No Drawings