

United States Patent [19]

Messier et al.

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[54] **CAPROLACTONE POLYMERS FOR SUTURE COATING**

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[51] Int. Cl.⁴ **A61L 17/00**

[52] U.S. Cl. **128/335.5**

[58] Field of Search **132/335.5**

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[57] **ABSTRACT**

High molecular weight caprolactone polymers are coated on surgical sutures to improve suture properties such as smooth surface, single knot slipdown, two throw knot slipdown for repositioning, and three throw knot security.

8 Claims, No Drawings