

[54] CONTROLLED RELEASE OF  
MEDICAMENTS USING POLYMERS FROM  
GLYCOLIC ACID

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1973, Pat. No. 3,875,937, which is a  
continuation-in-part of Ser. No. 157,521, June 28,  
1971, Pat. No. 3,739,773, which is a  
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1967, Pat. No. 3,463,158, which is a  
continuation-in-part of Ser. No. 320,543, Oct. 31,  
1963, Pat. No. 3,297,033.

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424/22; 424/28

[51] Int. Cl.<sup>2</sup> ..... A61L 17/00  
[58] Field of Search ..... 128/335.5, 335; 424/19,  
424/22, 28

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[57] ABSTRACT

Polyhydroxyacetic ester, also called polyglycolic acid (PGA), has surgically useful mechanical properties. On implantation, in living mammalian tissue, the polyglycolic acid is absorbed, and replaced by living tissue. Sutures, clips and storage pellets having medicaments incorporated therein can be used for both their own mechanical properties and as a delayed release system for medicaments.

5 Claims, No Drawings