# United States Patent [19]

**Pinchuk**

[11] **Patent Number: 4,851,009**

[45] **Date of Patent: Jul. 25, 1989**


[54] **CRACK PREVENTION OF IMPLANTED PROSTHESES**


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[21] Appl. No.: **210,145**

[22] Filed: **Jun. 15, 1988**

**Related U.S. Application Data**

[63] Continuation of Ser. No. 809,926, Dec. 16, 1985, abandoned.

[51] **Int. Cl.**[4] ..... **A61F 2/54**

[52] **U.S. Cl.** ..... **623/66;** 623/1; 623/11; 427/2; 128/419 P; 128/335.5

[58] **Field of Search** ..... 128/419 P, DIG. 21, 128/335.5; 623/1, 11, 66, 6; 427/2



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[57] **ABSTRACT**

Implantable devices having a biocompatible polymeric surface which is elastomeric and susceptible to cracking under in vivo conditions are provided which have been subjected to treatment with a crack preventative composition that includes an elastomeric silicone such as poly(dimethyl siloxane). This treatment substantially prevents cracking of the implantable device after it is implanted.


**18 Claims, 1 Drawing Sheet**