# United States Patent [19]

**Müller-Lierheim**

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[54] **IMPLANT**


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[52] **U.S. Cl.** ..... **623/16;** 623/66; 427/2; 424/422; 424/423

[58] **Field of Search** ..... 623/11, 15, 16, 22, 623/23; 521/56, 149; 525/61; 526/201; 128/1 R, 155, 156; 424/85, 422, 423; 530/387, 389, 390, 391; 427/2



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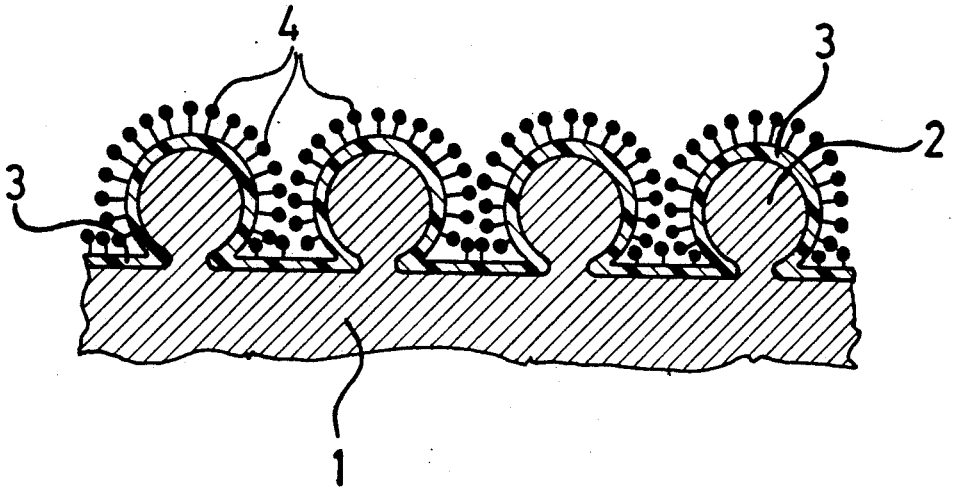
[57] **ABSTRACT**

An implant having a surface coating of growth factors for animal or human cells, wherein the growth factors are covalently bonded to bonding-active groups of a polymer on the base body of the implant.


**15 Claims, 1 Drawing Sheet**