

[54] METHOD FOR MANUFACTURING A SYNTHETIC VASCULAR PROSTHESIS

[75] Inventors: Masao Okada, Gifu; Kazuhiko Sakai, Kakamigahara; Haruo Kimura, Hashima; Yoshito Ikada, Uji, all of Japan

[73] Assignees: Ube-Nitto Kasei Co., Ltd., Tokyo; Research Development Corporation of Japan, Tokyo; Japan Medical Supply Co., Ltd., Hiroshima, all of Japan

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Primary Examiner—Alan W. Cannon

Attorney, Agent, or Firm—Wenderoth, Lind & Ponack

[57] ABSTRACT

A synthetic vascular prosthesis comprises a hollow tubular base member having a multitude of continuous pores and formed of an elastomer material, and a hydrogel layer formed on the inner surface of the base member. The hydrogel layer is partly embedded in the inner portion of the base member at the pores, thereby permitting anchoring adhesion between the hydrogel layer and the base member. A method for manufacturing the synthetic vascular prosthesis is also disclosed, in which the formation of pores in the base member is effected by two separate steps and the hydrogel layer is formed after formation of an inner porous portion of the base member.

5 Claims, 1 Drawing Sheet

