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United States Patent [19]**Rubin**[11] **Patent Number:** **5,466,258**[45] **Date of Patent:** **Nov. 14, 1995**[54] **ORBITAL IMPLANT**[75] **Inventor:** **Peter A. D. Rubin**, Boston, Mass.[73] **Assignee:** **Porex Surgical, Inc.**, College Park, Ga.[21] **Appl. No.:** **151,373**[22] **Filed:** **Nov. 12, 1993**[51] **Int. Cl.⁶** **A61F 2/14**[52] **U.S. Cl.** **623/4; 623/5**[58] **Field of Search** **623/4, 5, 11, 16**[56] **References Cited****U.S. PATENT DOCUMENTS**

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An orbital enucleation implant is made out of porous material, such as porous polyethylene. The implant is shaped to have a conical posterior projection to provide for additional volume augmentation and a superior projection to fill out and prevent any superior sulcus deformity. A cavity or holes are provided in the superior projection to provide a site for attachment of the superior rectus muscle. A flange or lip is provided extending between the lateral sides of the implant around the inferior surface of the implant to provide a site for attachment of extraocular muscles.

21 Claims, 2 Drawing Sheets