

[54] **METHOD AND COMPOSITION FOR REDUCING POSTSURGICAL ADHESIONS**

[75] **Inventors:** **Raymond L. Henry**, Grosse Pointe Woods, Mich.; **Richard E. Leach**, Rochester, Minn.

[73] **Assignee:** **Mediventures Inc.**, Grosse Pointe Park, Mich.

[21] **Appl. No.:** **272,199**

[22] **Filed:** **Nov. 16, 1988**

[51] **Int. Cl.⁴** **A61F 2/00; A01N 31/14; A61M 25/00; A61K 31/74**

[52] **U.S. Cl.** **424/426; 424/78; 427/2; 427/4; 128/898; 514/723; 606/230**

[58] **Field of Search** **424/78, 426, 83; 427/2, 427/4; 514/723; 128/898, 334 R**

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,847,155	11/1974	Bernaola	424/78
4,043,344	8/1977	Landi et al.	128/335.5
4,047,533	9/1977	Perciaccante et al.	128/335.5
4,540,407	9/1985	Dunn	604/292
4,651,736	3/1987	Sanders	128/305

OTHER PUBLICATIONS

Surgery, Gynecology and Obstetrics, Sep., 1971, vol. 133, pp. 497-509 at pp. 502-503.

The Journal of Reproductive Medicine, Jan., 1987, pp. 17-20.

Journal of Surgical Research, vol. 14, No. 4, Apr., 1973, pp. 277-284.

British Journal of Surgery, 1964, vol. 51, No. 5, May.

Primary Examiner—C. Warren Ivy

Assistant Examiner—P. I. Curtis

Attorney, Agent, or Firm—Andrew E. Pierce

[57] **ABSTRACT**

A process and compositions for reducing post-surgical adhesion formation/reformation in mammals following surgical injury to the peritoneal or pleural cavity or organs situated therein. Both aqueous and non-aqueous compositions comprising a polyoxyalkylene block copolymer are applied to injured areas of the peritoneal or pleural cavity or organs situated therein subsequent to surgical injury.

10 Claims, No Drawings