United States Patent [19]

Fong

[11] **4,166,800**

[45] **Sep. 4, 1979**

[54] **PROCESSES FOR PREPARATION OF MICROSPHERES**

[75] Inventor: **Jones W. Fong,** Parsippany, N.J.

[73] Assignee: **Sandoz, Inc.,** E. Hanover, N.J.

[21] Appl. No.: **929,517**

[22] Filed: **Jul. 31, 1978**

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 926,261, Jul. 20, 1978, abandoned, which is a continuation-in-part of Ser. No. 827,710, Aug. 25, 1977, abandoned.

[51] **Int. Cl.**[2] **B01J 13/00**

[52] **U.S. Cl.** **252/316;** 427/3; 427/212; 424/19; 424/16; 424/32; 427/221

[58] **Field of Search** 252/316; 427/3, 212, 427/221

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,317,434	5/1967	Veis	252/316
3,427,250	2/1969	Haas et al.	252/316
3,703,474	11/1972	Huber	252/316

Primary Examiner—Sam Silverberg

Attorney, Agent, or Firm—Gerald D. Sharkin; Robert S. Honor; Walter F. Jewell

[57] **ABSTRACT**

Microspheres, prepared by the low-temperature e.g., −40° to −100° C., phase separation of a polymer and a core material.

45 Claims, No Drawings