United States Patent [19]

Inada et al.

[11] **Patent Number: 4,814,098**

[45] **Date of Patent: Mar. 21, 1989**

[54] **MAGNETIC MATERIAL-PHYSIOLOGICALLY ACTIVE SUBSTANCE CONJUGATE**

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[21] Appl. No.: **90,505**

[22] Filed: **Aug. 28, 1987**

[30] **Foreign Application Priority Data**

Sep. 6, 1986 [JP] Japan 61-209982
Oct. 23, 1986 [JP] Japan 61-252479

[51] **Int. Cl.**[4] **C04B 35/00;** C04B 35/26

[52] **U.S. Cl.** **252/62.51;** 252/62.53; 252/62.54; 252/62.56; 252/62.57; 128/653; 128/654; 424/1.1; 424/2; 424/3; 210/695

[58] **Field of Search** 128/653, 654; 424/1.1, 424/2, 3; 210/695; 252/62.53, 62.54, 62.51

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[57] **ABSTRACT**

Disclosed is a conjugate comprising a magnetic material and a physiologically active substance bound to each other through a polyethylene glycol derivative, and a conjugate comprising a magnetic material and a polyethylene glycol derivative bound to each other. According to the present invention, a bioreactor enabling application to or recovery of physiologically active substances under liquid state by utilizing the magnetic properties is provided.

24 Claims, No Drawings