

Patent Number:

[11]

United States Patent [19]

Church et al.

[54] CHARACTERIZATION OF INDIVIDUAL POLYMER MOLECULES BASED ON MONOMER-INTERFACE INTERACTIONS

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- [21] Appl. No.: 405,735
- [22] Filed: Mar. 17, 1995
- [51] Int. Cl.⁶ G01N 33/483
- [52] U.S. Cl. 436/2; 436/151; 435/4
- [58] Field of Search 435/6. 4, 5; 436/2, 436/151

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[57] ABSTRACT

A method is disclosed for characterizing a linear polymer molecule by measuring physical changes across an interface between two pools of media as the linear polymer traverses the interface and monomers of the polymer interact with the interface, where the physical changes are suitable to identify characteristics of the polymer.

15 Claims, 6 Drawing Sheets



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