

- [54] **METHOD FOR THE IN VITRO PROPAGATION AND MAINTENANCE OF CELLS**
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- [58] **Field of Search** ..... **195/1.7, 1.8**

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[57] **ABSTRACT**

The propagation and/or maintenance of living cells in vitro is accomplished by attaching and growing cells on one side or surface of a hollow fiber membrane. The attached cells are propagated and/or maintained by passing oxygen through the membrane from the other side and into contact with the cells and simultaneously incubating the cells in a nutrient medium. This method is employed in tissue and cell culturing of altered and unaltered cells which attach to a surface for maintenance and growth.

**12 Claims, No Drawings**