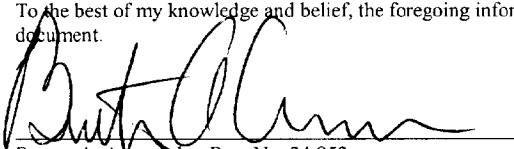


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2 Rec'd PCT/PTO 21 APR 2000

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ASSIGNMENT OF UNITED STATES APPLICATION FOR PATENT

Whereas the undersigned, Eric J. Sorscher is an inventor of certain improvements in Activating Cl-Secretion for which an application for Letters Patent of the United States of America was executed on even date herewith;

Whereas, UAB Research Foundation, 701 South 20th Street, Suite 1020 A, Birmingham, AL 35294 (hereinafter referred to as Assignee) is desirous of acquiring my interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned by these presents, hereby assign, sell and transfer unto the said Assignee, for the territory of the United States of America, all right, title and interest in and to said invention and application, and any and all divisions or continuations thereof, and in and to any Letters Patent that may be granted therefor together with any reissues, extensions or renewals thereof, the same to be held and enjoyed by the Assignee for Assignee's own use and behoof, and for Assignee's legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned had this Assignment and same not been made; and the undersigned, and legal representatives thereof, hereby covenant and agree to execute and deliver any and all papers, and do all lawful acts that said Assignee may consider necessary or advisable to perfect title to said invention and to obtain Letters Patent therefor, and any divisions, continuations, reissues, extensions and renewals thereof, and agree at any time upon request, to communicate to said Assignee, Assignee's successors and assigns, such facts relating to said invention and Letters Patent or the history thereof as may be known to the undersigned and testify as to the same in any interferences, opposition or other litigation, when requested to do so, all without further consideration than that now paid, but at the expense of the said Assignee, Assignee's successors or assigns.

The undersigned hereby grant(s) the firm of Pollock, Vande Sande & Amernick, R.L.L.P., 1990 M Street, N.W., Suite 800, P.O. Box 19088, Washington, D.C. 20036 the power to insert on this assignment any further identification which may

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Eric J. Sorscher

4/17/00

Date

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