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PATENT torney Docket No.: CASE-06065

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U.S. Department of Commerce Patent and Trademark Office

Vrademarko To the Honorable Commissioner of Patents and Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): Name and address of receiving party(ies): Piet A. J. de Boer Case Western Reserve University Cynthia A. Hale 10900 Euclid Avenue Cleveland, Ohio 44195 Additional name(s) of conveying party(ies) attached? No Additional name(s) & address(es) attached? No 3. Nature of conveyance: Assignment Execution Date: 09/29/01 4. Title of Invention: Compositions and Methods for Screening for Antimicrobials Application number(s) or patent number(s): A. Patent Application No.(s): В. Patent No.(s): 09/832,464 Additional numbers attached? No 5. Name and address of party to whom correspondence Total number of applications and patents involved: 1 6. concerning document should be mailed: 7. Total fee(s): Peter G. Carroll MEDLEN & CARROLL, LLP Check(s) in the amount of \$825 enclosed (\$65 101 Howard Street, Suite 350 srucharge, \$40 recordation, \$720 extenion time). San Francisco, California 94105 8. Deposit Account Authorization: 01/28/2002 HDEMESS: 00000178 09832464 The Commissioner is hereby authorized to charge 40.00 OP 0:581 any additional fees or credit any overpayment to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose. DO NOT USE THIS SPACE 9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and/correct and any attached copy is a true copy of the original document. Date: December 20, 2001 Signature: Name: Peter G. Carroll Reg. No.: 32,837 Total number of pages including cover sheet, attachments, and document: 3

PATENT

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## ASSIGNMENT

WHEREAS, WE, Piet A. J. de Boer and Cynthia A. Hale, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

Compositions and Methods for Screening

for Antimicrobials

Filing Date:

4/11/2001

Serial No.:

09/832,464

WHEREAS, Case Western Reserve University, a Ohio corporation, 10900 Euclid Avenue, Cleveland, Ohio 44195, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOR ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Cynthia A. Hale

STATE OF

On this 29th day of September in the year of 2001, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

NOTARY PUBLIC

PATTY K. GREGORY

Notary Public State of Obio, Lake County
My Commission Expires September 28, 2005

PATENT REEL: 012531 FRAME: 0356

**RECORDED: 01/24/2002**