FORM PTO-1595 08-07-1998 U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) VDB97-09pM AHG Tab settings □□□ ▼ 100788448 To the Honorable Commissioner of Patern. ed original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies). Name: Vanderbilt University William M. Mitchell Charles W. Stratton Internal Address: Additional name(s) of conveying party(ies) attached? 🖸 Yes 🖏 No 3. Nature of conveyance: Street Address: 405 Kirkland Hall Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name City: Nashville, State: TN ZIP: 37240 Other Execution Date: July 1, 1998 Additional name(s) & address(es) attached? № Yes □ No. 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 09/073,661 Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Alice O. Carroll 7. Total fee (37 CFR 3.41)..........\$ 40.00 Internal Address: Hamilton, Brook, Smith Enclosed & Reynolds, P.C. Authorized to be charged to deposit account Street Address: Two Militia Drive 8. Deposit account number: 08-0380 City: Lexington, State: MA ZIP: 02421 (Attach duplicate copy of this page if paying by de sit acount) DO NOT USE THIS SPACE OK 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

Name of Person Signing Total number of pages including cover sheet, attachments, appl decuments

the original document.

Alice O. Carroll

Joint

ASSIGNMENT

WHEREAS, we, William M. Mitchell and Charles W. Stratton have invented a certain improvement in DIAGNOSIS AND MANAGEMENT OF INFECTION CAUSED BY CHLAMYDIA described in U.S Patent Application No. 09/073,661, filed in the U.S. Patent Office on May 6, 1998; and

WHEREAS, Vanderbilt University (hereinafter "ASSIGNEE") a corporation organized and existing under the laws of the state of Tennessee, and having a usual place of business at 405 Kirkland Hall, Nashville, Tennessee 37240 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's

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selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

William M. Mitchell

State of Tennessee

County of Tandom

Then personally appeared before me the above-named William M. Mitchell and acknowledged that he executed the foregoing instrument as his free act and deed this _ _ day of

1998.

(SEAL)

JAhice Etolle / (print name)

My Commission expires ATE O

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Inventor Charles W. Stratton

State of Tennessee

County of <u>Navidon</u>

(SEAL)

Notary Public

RIEV (print name)

My Commission expires 5 /27/01

 $\texttt{K:} \texttt{\ACARROLL} \texttt{\DOCS} \texttt{\VDB} \texttt{\9709PM} \texttt{\ASSIGN.FRM}$

RECORDED: 08/04/1998

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