| PATENTS ONLY  | ^ATENTS ONLY  |
|---|---|
| TO THE COMMISSION   | · ·   |
| Please record the at Adhed origin   | nal d   |
| Name of Partyries) conveying an interest:   | 2. ag an interest:  |
| Christopher C. Lawrenge Wei Yuan  | 102173587 Name: Roche Diagnostics Corporation Internal Address:   |
| Armen B. Shanafelt  | Street Address: 9115 Hague Road City: Indianapolis State/Zip: IN 46250  |
| Additional name(s) of conveying party(ies) attached?  | 114-40200   |
| 17.24.02 □ Yes ☑ No   | Additional name(s) and addresses attached?  ☐ Yes ☐ No  |
| 3. Description of the interest conveyed:  ☐ Change of Name  | Other:  |
| ☐ Security Agreement ☐ Merger   |   |
| Execution Date: June 12, June 13 and July 12, 2002  |   |
| 4. Application number(s) or patent number(s). Additional sheet  | t attached? ☐ Yes ⊠ No  |
| If this document is being filed together with a new application   | n, the execution date of the application is:  |
| Date  | •   |
| A. Patent Application No.(s)<br>10/025,196  | B. Patent No.(s)  |
| o, manio and additional or party and a  | ched? ☐ Yes ☑ No<br>3. Number of applications and patents involved: 1   |
| concerning document should be mailed:  BRINKS HOFER GILSON & LIONE  | 7. <u>To</u> tal fee (37 CFR 3.41) \$ <u>40</u>   |
| P.(). BOX 10395   | <ul><li>Enclosed</li><li>Authorized to be charged to Deposit Account No.</li></ul>                                      |
| CHICAGO, IL 60610<br>(312)321-4200  | 23-1925   |
| (312)321-4200   | <ol> <li>Please charge any deficiencies in fee or credit any<br/>overpayment to Deposit Account No. 23-1925.</li> </ol> |
| DO NOT USE T  | HIS SPACE   |
| 7/30/2002 DBYRNE 00(00076 10025196<br>1 FC:581 40.00 DP   |   |
| <ol> <li>Statement and signature.         To the best of rny knowledge and belief, the foregoing information copy of the original document.     </li> </ol> | nation is true and correct and any attached copy is a true  |
| Jonathan P. Taylor, Reg. 48,338  Name of Person Signing  Sig  | July 19, 2002  Date  Date   |
| Total number of pages including cover   | sheet, attachments, and document. g   |

Rev. Dec.-99 Document11

> PATENT REEL: 013125 FRAME: 0208

## ASSIGNMENT

WHEREAS, Christopher C. Lawrence, Wei Yuan and Armen B. Shanafelt, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled PARTICLE FOR IMMUNOASSSAYS AND METHODS FOR TREATING THE SAME, for a full description of which reference is here made to an application for Letters Patent of the United States filed on December 18, 2001, and assigned Application Serial No. 10/025,196;

WHEREAS, Roche Diagnostics Corporation, a corporation organized and existing under the laws of the State of Indiana, having a place of business at 9115 Hague Road, Indianapolis, Indiana 46250, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in

PATENT REEL: 013125 FRAME: 0209 vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

| DATED: | 6112102 | Christy Causence        |
|--------|---------|-------------------------|
|        | _       | Christopher C. Lawrence |
| DATED: | 6/13/02 | ae G                    |
|        |         | Wei Yuan                |
| DATED: |         | A D C1 C1               |
|        |         | Armen B. Shanafelt      |

vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

| DATED: |          |                         |   |
|--------|----------|-------------------------|---|
|        |          | Christopher C. Lawrence | _ |
| DATED: | ;        |                         |   |
|        |          | Wei Yuan                |   |
| DATED: | 12.JUL02 | Armen R. Shanafal       |   |

| STATE OF Indiana ) ) ss. COUNTY OF Marion )   |
|---|
| COUNTY OF Marion )  |
| I, Rosemane A. Edwards a Notary Public in and for the County and State aforesaid, do hereby certify that Christopher C. Lawrence, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.  IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this day of June 12, 2002. |
| Rosenarie & Edwards Notary Public   |
| (SEAL)  |
| My Commission Expires:  ROSEMARIE A EDWARDS  NOTARY PUBLIC STATE OF INDIANA  HAMILTON COUNTY  MY COMMISSION EXP. FEB. 9,2007  |
| STATE OF Indiana, COUNTY OF MULICA) ss.   |
| I, , a Notary Public in and for the County and State aforesaid, do hereby certify that Wei Yuan, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.  IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  |
| day of JUNE 13, 2002.  Notary Public  |
| (SEAL)  |

My Commission Expires:

LEAH M ROBISON
NOTARY PUBLIC STATE OF INDIANA
MADISON COUNTY
MADISON COUNTY
MADISON COUNTY
MADISON COUNTY
MADISON COUNTY

| STATE OF Indiana |   |     |
|------------------|---|-----|
| COUNTY OF Marin  | ) | SS. |

I, Kinhary Kay Lear a Notary Public in and for the County and State aforesaid, do hereby certify that Armen B. Shanafelt, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that (s)he signed, sealed and delivered the said instrument as his/her free and voluntary act for the uses and purposes therein set forth.

IN WITHESS WHEREOF, I have hereunto set my hand and Notarial Seal, this  $12^{n}$  day of July , 2002.

Minmly Kay Sear Kimbory Kay CEAR Notary Public

(SEAL)

My Commission Expires: Lystuh 24, 2009

RECORDED: 07/24/2002