| ANS 2 2 2010 W HIS 2 2 2 2 10 W HIS 2 2 2 0 W HIS 2 2 2 2 0 W H | 0125/10 U.S. DEPARTMENT OF COMMERCE |
|--|--|
| | 29-2010 <u>nited States Patent and Trademark Office</u> |
| | |
| To the Director of the U.S. Patent and Transmission 103 | 587708 |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) |
| | Name: bioMerieux, Inc. |
| Jones Hyman, Bradford Clay, John Walsh, Thurman Thorpe | Internal Address: Patent Department |
| Additional name(s) of conveying party(ies) attached? 🏹 Yes 🔀 N | No |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 100 Rodolphe Street |
| Execution Date(s) <u>10/28/2009, 11/18/2008, 01/21/2010</u> | _ |
| | |
| Security Agreement Change of Name | City: <u>Durham</u> |
| Joint Research Agreement | State: <u>NC</u> |
| Government Interest Assignment Executive Order 9424, Confirmatory License | Country: United States of America Zip: 27712 |
| | |
| U Other | |
| Other Application or patent number(s): Thi A. Patent Application No.(s) US 12/589,929 | Additional name(s) & address(es) attached? Yes X No is document is being filed together with a new application. B. Patent No.(s) |
| 4. Application or patent number(s): Thi A. Patent Application No.(s) | is document is being filed together with a new application. B. Patent No.(s) |
| 4. Application or patent number(s): Thi A. Patent Application No.(s) US 12/589,929 | is document is being filed together with a new application. B. Patent No.(s) |
| A. Application or patent number(s): Thi A. Patent Application No.(s) US 12/589,929 Additional numbers Additional numbers | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| A. Application or patent number(s): Thi A. Patent Application No.(s) US 12/589,929 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents |
| A. Application or patent number(s): A. Patent Application No.(s) US 12/589,929 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| A. Application or patent number(s): A. Patent Application No.(s) US 12/589,929 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X. Authorized to be charged to deposit account Enclosed |
| A. Patent Application No.(s) US 12/589,929 Additional numbers Additional numbers Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X. Authorized to be charged to deposit account |
| A. Patent Application No.(s) US 12/589,929 Additional numbers Additional numbers Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X. Authorized to be charged to deposit account Enclosed |
| A. Patent Application No.(s) US 12/589,929 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department Street Address: 100 Rodolphe Street | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| A. Patent Application No.(s) A. Patent Application No.(s) US 12/589,929 Additional numbers S. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department Street Address: 100 Rodolphe Street City: Durham | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| 4. Application or patent number(s): Thi A. Patent Application No.(s) Thi US 12/589,929 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department Street Address: 100 Rodolphe Street City: Durham State: NC Zip: 27712 | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| 4. Application or patent number(s): Thi A. Patent Application No.(s) Thi US 12/589,929 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department Street Address: 100 Rodolphe Street City: Durham Zip: 27712 Phone Number: 919-620-2914 Phone Number: 919-620-2914 | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| 4. Application or patent number(s): Thi A. Patent Application No.(s) Thi US 12/589,929 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department Street Address: 100 Rodolphe Street City: Durham State: NC Zip: 27712 Phone Number: 919-620-2914 Fax Number: 919-620-2958 | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| 4. Application or patent number(s): Thi A. Patent Application No.(s) Thi US 12/589,929 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department Street Address: 100 Rodolphe Street City: Durham State: NC Zip: 27712 Phone Number: 919-620-2914 Fax Number: 919-620-2958 Email Address: USPatents@na.biomerieux.com | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: |
| 4. Application or patent number(s): Thi A. Patent Application No.(s) Thi US 12/589,929 Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name: Phillip Kiefer Internal Address: Patent Department Street Address: 100 Rodolphe Street City: Durham State: NC Zip: 27712 Phone Number: 919-620-2914 Fax Number: 919-620-2914 Fax Number: 919-620-2958 Email Address: USPatents@na.biomerieux.com 9. Signature: | is document is being filed together with a new application. B. Patent No.(s) attached? Yes No 6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information Deposit Account Number 50-0364 Authorized User Name Phillip Kiefer |

PATENT REEL: 023869 FRAME: 0102

ASSIGNMENT

WHEREAS, I, **John D. Walsh**, a citizen Australia, residing at 704 Wellingham Drive, Durham, North Carolina 27713, **Jones M. Hyman**, a citizen of the United States of America, residing at 2501 Dunmore Court, Wake Forest, North Carolina 27587, **Thurman C. Thorpe**, a citizen of the United States of America, residing at 6713 Lipscomb Drive, Durham, NC 27712, and **Bradford G. Clay**, a citizen of the United States of America, residing at 1723 Timber Ridge Estates Drive, Wildwood Missouri 63011, respectively, have jointly invented and own a certain invention entitled

Methods for the Isolation and Identification of Microorganisms

for which an application for a United States Letters Patent is filed in the United States Patent and Trademark Office herewith; and

WHEREAS, **bioMérieux**, Inc., a Missouri corporation having a principal place of business at 100 Rodolphe Street, Durham, North Carolina 27712 (hereinafter referred to as assignee), is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patents which shall be granted therefore in the United States of America and in any and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefore, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this

Page 1 of 3

PATENT REEL: 023869 FRAME: 0103 assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to promptly communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand on this on the date set forth below.

ASSIGNOR:

DATED:

DATED:

WITNESSES:

panet Schoenfeld

28 Oct 09

28 Oct 09

28 Oct 2059

Page 2 of 3

ASSIGNOR:

4

DATED:

m la Shupen 21 JANIO urman Thorpe

WITNESSES:

Janet Schoenfeld 21 Jan 2010 Lamonenobles 21 Jan 2010

DATED:

ASSIGNOR:

DATED:

alfered Dichay

18-NOV-09

WITNESSES:

18 Nov 2009 model fischer 18-Nov-2009

DATED:

RECORDED: 01/25/2010