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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



100978920

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Douglas T. Gjerde
Paul D. Taylor
Robert M. Haeefe

MKD
3-8-99

2. Name and address of receiving party(ies):

Name: Transgenomic, Inc.

Address: 2032 Concourse Drive

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 2/16/99

City: San Jose State/Prov.: CA

Country: US ZIP: 95131

Additional name(s) & address(es) Yes No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.	Filing date
09/183,047	10/30/98

B. Patent No.(s)

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William B. Walker

Registration No. 22,498

Address: Transgenomic, Inc.

2032 Concourse Drive

City: San Jose State/Prov.: CA

Country: US ZIP: 95131

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-0821

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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.

William B. Walker

Name of Person Signing

W. Walker

Signature

2/25/99

Date

Total number of pages including cover sheet, attachments, and

6 PATENT

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ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS, that whereas we, **Douglas T. GJERDE, Paul D. TAYLOR, and Robert M. HAEFELE**, have invented certain new and useful improvements in **METHOD FOR HIGH RESOLUTION LIQUID CHROMATOGRAPHIC SEPARATION OF POLYNUCLEOTIDES**, and have disclosed the same in an application for Letters Patent, Serial No. 09/183,047, filed in the United States Patent and Trademark Office on October 30, 1998; and

WHEREAS TRANSGENOMIC, INC., a corporation duly organized and existing under the laws of Delaware, and having an address at 2032 Concourse Drive, San Jose, CA 95131, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States Patent and Trademark Office;

NOW THEREFORE, in consideration of the sum of one dollar (\$1.00) and other good and valuable considerations to us by **TRANSGENOMIC, INC.**, the receipt whereof is hereby acknowledged, We do hereby sell, assign, transfer and set over unto **TRANSGENOMIC, INC.**, its successors and assigns, the entire right, title and interest in, to and under the said application for United States Letters Patent, including all priority rights arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries which may be granted for the said inventions, or any of them.

TO HAVE, HOLD and ENJOY the said inventions, the said Application, and the said Letters Patent to said **TRANSGENOMIC, INC.**, its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And We do hereby authorize and request the Commissioner of Patents of the United States to issue any United States Letters Patent which may be granted on the said application, or any divisional, reissue or continuation applications, or for the said inventions of any of them, to said **TRANSGENOMIC, INC.**, its successors and assigns, as assignees of the entire right, title and interest therein and thereto.

And We do hereby, for ourselves and for our legal representatives, covenant and agree with **TRANSGENOMIC, INC.**, its successors and assigns, that We have granted to others no license to make, use or sell any of the said inventions, that our right, title and interest in the said inventions has not been encumbered, that We have good right and title to sell and assign the same, and that We will not execute any instrument in conflict herewith.

And We do hereby, for ourselves and for our legal representatives, further covenant and agree with **TRANSGENOMIC, INC.**, its successors and assigns, that upon request We will, and they shall, execute divisional, reissue or continuation applications, amended specifications, or rightful oaths; communicate to **TRANSGENOMIC, INC.**, its successors and assigns, any facts known to us relating to the said inventions or the history thereof; execute preliminary statements and testify in any interference proceedings; execute and deliver any application papers,

assignments, or other instruments, and do all other acts which, in the opinion of counsel for TRANSGENOMIC, INC., may be necessary or convenient to secure the grant of Letters Patent to TRANSGENOMIC, INC., its successors and assigns, or its nominees, in the United States and in all other countries where TRANSGENOMIC, INC. may desire to have the said inventions, or any of them, patented, with specifications and claims in such form as shall be approved by counsel for TRANSGENOMIC, INC., and to vest and confirm in TRANSGENOMIC, INC., its successors and assigns, or its nominees, the full and complete legal and equitable title to all such Letters Patent, without further consideration than now paid but at the expense of TRANSGENOMIC, INC., its successors and assigns.

The undersigned hereby grant to WILLIAM B. WALKER, Registration No. 22,498, of the firm of TRANSGENOMIC, INC., 2032 CONCOURSE DRIVE, SAN JOSE, CA 95131, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

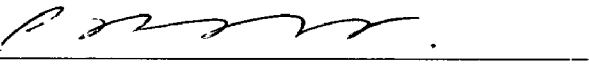
IN WITNESS WHEREOF, We have hereunto set our hands and seals on the dates indicated below:

Date: 2-16-99



DOUGLAS T. GJERDE

Date: 2-16-99



PAUL D. TAYLOR

Date: 2-17-99



ROBERT M. HAEFELE

STATE OF California)

COUNTY OF Santa Clara) ss.

On this 16th day of February in the year 1999, before me, Tiffany X Nguyen, a Notary Public in and for said State, personally appeared Douglas T. Gjerde

- personally 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 acknowledge that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person, to the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and Official Seal.



Tiffany X Nguyen
 Signature of Notary
 Notary for the State of California
 Residing in San Jose, CA
 My Commission expires 1-1-2003

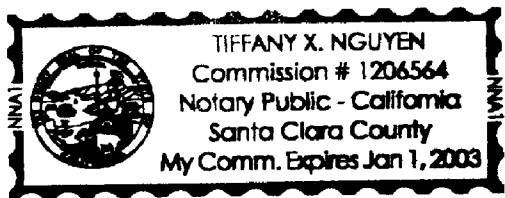
STATE OF California)
) ss.
COUNTY OF Santa Clara)

On this 16th day of February in the year ¹⁹⁹⁹~~1996~~, before me,
Tiffany X. Nguyen, a Notary Public in and for said State, personally
appeared Paul D. Taylor

- personally 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 acknowledge that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person, to the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and Official Seal.



Tiffany X. Nguyen
Signature of Notary
Notary for the State of California
Residing in San Jose, CA
My Commission expires 1-1-2003

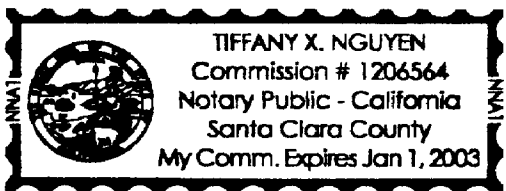
STATE OF California)
) ss.
COUNTY OF Santa Clara)

On this 17th day of February in the year 1996, before me,
Tiffany X. Nguyen, a Notary Public in and for said State, personally
appeared Robert M. Haefele

- personally 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 acknowledge that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature(s) on the instrument the person, to the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and Official Seal.



Tiffany X. Nguyen
Signature of Notary
Notary for the State of California
Residing in San Jose
My Commission expires 1-1-2003