

09-04-2003

RECOF



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TO THE ASSISTANT COMMISSIONER FOR PATENT RECORDATION. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1) Donald M. Crothers
- 2) R. Erik Holmlin
- 3) Honghua Zhang
- 4) Chunnian Shi

Additional name(s) of conveying party(ies) attached?
() Yes (X) No

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

Name: Geneohm Sciences
Street Address: 6146 Nancy Ridge Road, Suite 101
City: San Diego **State:** CA **ZIP:** 92121

Additional name(s) of receiving party(ies) attached?
() Yes (X) No

3. Nature of conveyance:

(X) Assignment

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- 1) August 20, 2003
- 2) August 20, 2003
- 3) August 20, 2003
- 4) August 5, 2003

4. Application number(s) or Patent number(s):

(X) Patent Application No.: 10/429,291
Filing Date: May 2, 2003

Additional numbers attached? () Yes (X) No

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

Name: Erik T. Anderson
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Fourteenth Floor
Street Address: 2040 Main Street
City: Irvine **State:** CA **ZIP:** 92614
Attorney's Docket No.: GENOM.023A

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Erik T. Anderson
Name of Person Signing

Signature

8-28-03
Date

52,559
Registration No.

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

09/03/2003 DBYRNE 00000187 10429291

01 FC:8021

40.00 DP

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Alexandria, VA 22313-1450

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PATENT
REEL: 014444 FRAME: 0838

ASSIGNMENT

WHEREAS, We, (1) Donald M. Crothers, a United States citizen, residing at 8 Surrey Drive, Northford, CT 06472; (2) R. Erik Holmlin, a United States citizen, residing at 500 West Harbor Drive, Suite 1506, San Diego, CA 92101; (3) Honghua Zhan, a United States citizen, residing at 12865 Caminito San Diego, San Diego, CA 92130 and (4) Chunnian Shi, a United States citizen, residing at 12944 Carmel Creek Road #92, San Diego, CA 92130, have invented certain new and useful improvements in a ELECTROCHEMICAL METHOD TO MEASURE DNA ATTACHMENT TO AN ELECTRODE SURFACE IN THE PRESENCE OF MOLECULAR OXYGEN for which we have filed an application for Letters Patent in the United States, May 2, 2003 as Application No. 10/429,291;

AND WHEREAS, Genohm Sciences (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 6146 Nancy Ridge Road, Suite 101, San Diego, CA 92121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20TH day of August, 2003

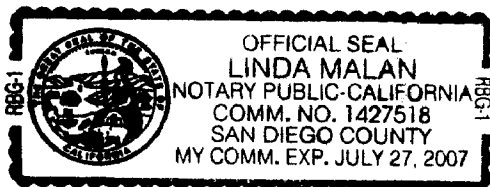
Donald M. Crothers
Donald M. Crothers

STATE OF California }
COUNTY OF San Diego } ss.

On 08.20.03, before me, Linda Malan, personally appeared Donald M. Crothers personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Linda Malan
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of August, 2003

R. Erik Holmlin

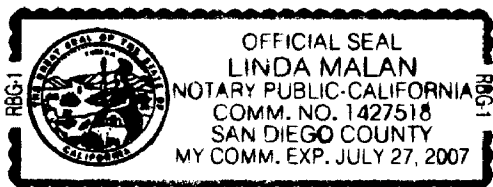
STATE OF California
COUNTY OF San Diego

ss.

On 08-20-03, before me, Linda Malan, personally appeared R. Erik Holmlin personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20th day of August, 2003

Honghua Zhang

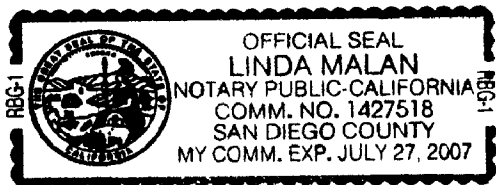
STATE OF California
COUNTY OF San Diego

ss.

On 08-20-03, before me, Linda Malan, personally appeared Honghua Zhang personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day of Aug, 2003.

Chunnian Shi
Chunnian Shi

STATE OF California

COUNTY OF San Diego

ss.

On 8/5/03, before me, Caryn Southward, personally appeared Chunnian Shi personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Caryn Southward
Notary Signature

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