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

1. Name of Conveying party(ies):
   Köster, Hubert
   Little, Daniel P.
   Braun, Andreas
   Lough, David M.
   Xiang, Guobing
   van den Boom, Dirk
   Jurinke, Christian
   Ruppert, Andreas

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

2. Name and address of receiving Party(ies)
   SEQUENOM, INC.
   3595 John Hopkins Court
   San Diego, California 92121

Additional name(s) & address(es) attached? ___ Yes X No

3. Nature of conveyance:
   X Assignment
   ___ Security Agreement
   ___ Merger
   ___ Change of name
   ___ Other


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):
   09/686,148

Additional numbers attached? ___ Yes X No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
   Stephanie L. Seidman
   HELLER EHRLMAN WHITE & McAULIFFE
   4350 La Jolla Village Drive,
   7th Floor
   San Diego, California 92122-1246

6. Total number of applications and patents involved: ___

7. Total fee (37 CFR 3.41) $ 40.00
   X Check enclosed
   X Authorized to charge any underpayment to deposit account

8. Deposit account Number: 50-1213

DO NOT USE THIS SPACE

   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.

   Stephanie L. Seidman
   Name of Person Signing
   Registration No. 33,779

   Signature
   Date 09/03/2002

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

09/11/2002 Lmueller 0000091 09686148
REEL: 013265 FRAME: 0370
ASSIGNMENT

I, Hubert Köster, a citizen of Germany, residing at 8636-C Via Mallorca Drive, La Jolla, California 92037, U.S.A., for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Date: 7/1/99

Hubert Köster

STATE OF __________ } SS.

COUNTY OF __________ }

On ________________, before me, the undersigned, a notary public for the State of __________, personally appeared HUBERT KÖSTER, 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 acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Notary Public
State of CALIFORNIA
County of SAN DIEGO

On this the 6th day of JULY 1971, before me, the undersigned Notary Public, personally appeared DEBRA KOSHERSON, NAME OF SUBSCRIBING WITNESS
\(\square\) personally known to me - OR - \(\square\) proved to me on the oath/affirmation of NAME OF PERSON (CREDIBLE WITNESS) WHO IDENTIFIES SUBSCRIBING WITNESS, who is personally known to me, to be the person whose name is subscribed to the within instrument as a witness thereto, who, being by me duly sworn, deposes and says that SHe\(\square\)(he/she) was present and saw

CHARLOTTE MITCHELL
COMM. # 1167731
NOTARY PUBLIC CALIFORNIA
SAN DIEGO COUNTY
MY COMM. EXP. DEC. 4, 2001

HUBERT KOSTER
NAME OF ABSENT PRINCIPAL SIGNER

the same person described in and whose name is subscribed to the within and annexed instrument as a party thereto, execute the same, and that said affiant subscribed \(\square\) (his/her) name to the within instrument as a witness at the request of

HUBERT KOSTER
NAME OF PRINCIPAL SIGNER (AGAIN)

CHARLOTTE MITCHELL
SIGNATURE OF NOTARY

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER (PRINCIPAL)

\(\square\) INDIVIDUAL KOSTER
\(\square\) CORPORATE OFFICER

TITLE(S)

\(\square\) PARTNER(S) \(\square\) LIMITED \(\square\) GENERAL

\(\square\) ATTORNEY-IN-FACT
\(\square\) TRUSTEE(S)
\(\square\) GUARDIAN/CONSERVATOR
\(\square\) OTHER:

ABSENT SIGNER (PRINCIPAL) IS REPRESENTING:
NAME OF PERSON(S) OR ENTITY(IES)

DESCRIPTION OF ATTACHED DOCUMENT

ASSIGNMENT
TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER(S) OTHER THAN NAMED ABOVE

\(\square\) 2

\(\square\) 7/1/99

\(\square\) 1993 NATIONAL NOTARY ASSOCIATION • 8236 Remmet Ave., P.O. Box 7154 • Canoga Park, CA 91309-7154

PATENT
REEL: 013265 FRAME: 0373
ASSIGNMENT

I, Daniel P. Little, a citizen of the United States of America, residing at 65 East India Row, Boston, Massachusetts 02110, U.S.A., for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Date: 7/17/99

Daniel P. Little

STATE OF WA) SS.
COUNTY OF MIDDLETOWN

On July 17, 1999, before me, the undersigned, a notary public for the State of WA, personally appeared DANIEL P. LITTLE, 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 acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Notary Public

Expired: Jan 30, 2001
ASSIGNMENT

I, Andreas Braun, a citizen of Germany, residing at 11237-6 Carmel Creek Road, San Diego, California 92030, U.S.A., for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Date: 7-6-99

Andreas Braun

On 7/6/99, before me, the undersigned, a notary public for the State of California, personally appeared ANDREAS BRAUN, 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 acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Charlotte Mitchell
Notary Public
ASSIGNMENT

I, David M. Lough, a citizen of United Kingdom, residing at 32 Deanhead Road, Eyemouth, Berwickshire TD14 55A, Scotland, United Kingdom, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Date: 6/29/99

David M. Lough

WITNESSED:

DATE: 6-29-99

[Signature of Witness]

[Printed Name of Witness]

WITNESSED:

DATE: 06/29/99

[Signature of Witness]

[Printed Name of Witness]
ASSIGNMENT

I, Guobing Xiang, a citizen of China, residing at 8655 Andromeda Road, San Diego, California 92121, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Date: 7/10/99

Guobing Xiang

STATE OF California )
COUNTY OF San Diego ) SS.

On July 10th, 1999, before me, the undersigned, a notary public for the State of California, personally appeared GUOBING XIANG, 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 acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted executed the instrument.

WITNESS my hand and official seal.

Leigh Ann Suurmeyer
Notary Public

[Official Seal]
ASSIGNMENT

I, Dirk van den Boom, a citizen of Germany, residing at Eppendorfer Weg 205 D, 20253 Hamburg, Germany, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Date: 07/01/99

Dirk van den Boom

WITNESSED:

Date: 07/01/99

Andreas Ruppert

[PRINTED NAME OF WITNESS]

WITNESSED:

Date: 07/01/99

Christiaan Janinke

[PRINTED NAME OF WITNESS]
ASSIGNMENT

I, Christian Jurinke, a citizen of Germany, residing at Rombergstrasse 22, 20255 Hamburg, Germany, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Köster et al.  
ASSIGNMENT

Date: 07/01/99  
Christian Jürginke

WITNESSED:

DATE: 07/01/99  
[SIGNATURE OF WITNESS]

Dirk van den Boom
[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 07/01/99  
[SIGNATURE OF WITNESS]

Andreas Ruppert
[PRINTED NAME OF WITNESS]
ASSIGNMENT

I, Andreas Ruppert, a citizen of Germany, residing at Hauptstrasse 10, 35440 Linden, Germany, for good and valuable consideration, have assigned and do hereby assign to SEQUENOM, INC., a corporation organized under the laws of the State of Delaware, with a principal place of business at 11555 Sorrento Valley Road, San Diego, California 92121, its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed in the application for Letters Patent of the United States Serial No. 09/297,576 entitled:

DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

and in and to all Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including the right to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise and, in and to, all Letters Patent to be obtained for said subject matter by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(b) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent.

I agree to do all acts and sign all documents necessary to secure, defend and maintain all said Letters Patent and rights, including any continuations, divisionals, reissues, renewals and extensions, and request issuance of all said Letters Patent to the above Assignee in accordance with this assignment.
Köster et al.
ASSIGNMENT

Date: 07/01/99

Andreas Ruppert

WITNESSED:

DATE: 07/01/99

[SIGNATURE OF WITNESS]

DIRK VAN DEN BOM

[PRINTED NAME OF WITNESS]

WITNESSED:

DATE: 07/01/99

[SIGNATURE OF WITNESS]

CHRISTIAN JURINKE

[PRINTED NAME OF WITNESS]