

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2005)

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

MINXUE ZHENG, DAVID AHLE, BRIAN WARNER,  
MING WU, CHU-AN CHANG

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

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

Name: BAYER HEALTHCARE LLC  
Internal Address: \_\_\_\_\_

Street Address: 511 BENEDICT AVENUE

City: TARRYTOWN State: NY Zip: 10591-5097

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

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other See Exhibit A

Execution Date: 1/20/05; 1/21/05; 1/4/05; 11/8/04;  
10/27/04, RESPECTIVELY

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):  
11/049,465, Filed 02/01/2005

B. Patent No.(s):

Additional numbers attached?  Yes  No

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

Name: KAREN CANAAN, Reg. No. 42.382  
Internal Address: \_\_\_\_\_

Street Address: Reed IP Law Group  
1400 Page Mill Road

City: Palo Alto State: CA Zip: 94304

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$ 0

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

18-0580

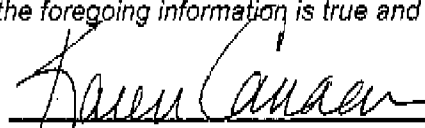
(Attach duplicate copy of this page is paying by deposit account)

**DO NOT USE THIS SPACE**

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.*

KAREN CANAAN, Reg. No. 42.382  
Name of Person Signing

  
Signature

AUGUST 26, 2005  
Date

Total number of pages including cover sheet, attachments, and documents: 11

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment, Commissioner of Patents, P.O. Box 1450  
Alexandria, VA 22313-1450

CH \$40.00 180580 11049465

**EXHIBIT A**

A Corrected Assignment for Reel 016251, Frame 0527, recorded on February 1, 2005, to change the State of the receiving party from California (CA) to New York (NY).

MAD  
2-1-05

02-16-2005

Atty Dkt. No. 1300-0013

Form PTO-1595  
(Rev. 10/02)  
OMB No. 0651-0027 (exp. 6/30/2006)



102942304

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MING WU, CHU-AN CHANG

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City: TARRYTOWN State: CA Zip: 10591-5097

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Name: KAREN CANAAN, Reg. No. 42,382  
Internal Address: \_\_\_\_\_

Street Address: Reed IP Law Group  
800 Menlo Avenue, Suite 210  
City: Menlo Park State: CA Zip: 94025

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

18-0580

(Attach duplicate copy of this page if paying by deposit account)

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*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.*

KAREN CANAAN, Reg. No. 42,382  
Name of Person Signing

*Karen Cnaan*  
Signature

February 1, 2005  
Date

Total number of pages including cover sheet, attachments, and documents: 7

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Alexandria, VA 22313-1450

02/08/2005 KBETEMAI 00000026 11049465

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**PATENT**  
**REEL: 016672 FRAME: 0276**

U.S. PTO  
11/049465



020105

**ASSIGNMENT**

THIS ASSIGNMENT, by Minxue Zheng, David Ahle, Brian Warner, Ming Wu and Chu-an Chang (hereinafter referred to as the assignors), residing at Foster City, California, Oakland, California, Martinez, California, Redwood City, California and Piedmont, California respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in **HIGHLY ORTHOGONAL UNIVERSAL SEQUENCES FOR USE IN NUCLEIC ACID ASSAYS** set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; and

WHEREAS, Bayer HealthCare LLC, a corporation duly organized under and pursuant to the laws of Indiana, and having its principal place of business at 511 Benedict Avenue, Tarrytown, New York 10591-5097 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title

and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns.

Date: 1/20/05

  
Name of Inventor: Minxue Zheng

Date: \_\_\_\_\_

Name of Inventor: David Ahle

Date: \_\_\_\_\_

Name of Inventor: Brian Warner

Date: \_\_\_\_\_

Name of Inventor: Ming Wu

Date: \_\_\_\_\_

Name of Inventor: Chu-an Chang

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Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Minxue Zheng

Date: 21 Jan 2005

David Ahle  
\_\_\_\_\_  
Name of Inventor: David Ahle

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Brian Warner

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Ming Wu

Date: \_\_\_\_\_

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Name of Inventor: Chu-an Chang

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Date: \_\_\_\_\_

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Name of Inventor: Minxue Zheng

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: David Ahle

Date: 1-4-05

  
\_\_\_\_\_  
Name of Inventor: Brian Warner

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Ming Wu

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Chu-an Chang

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Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Minxue Zheng

Date: \_\_\_\_\_

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Name of Inventor: David Ahle

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Brian Warner

Date: Nov. 9, 2004

  
\_\_\_\_\_  
Name of Inventor: Ming Wu

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Chu-an Chang



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Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Minxue Zheng

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: David Ahle


Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Brian Warner

Date: \_\_\_\_\_

\_\_\_\_\_  
Name of Inventor: Ming Wu

Date: Oct. 27, 2004

  
\_\_\_\_\_  
Name of Inventor: Chu-an Chang