

11-05-2003



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102592874

To the Director of the United States P

Please record the attached original documents or copy thereof.

1. Name of conveying part(ies):

Xiao Bing Wang

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

2. Name and address of receiving party(ies)

Name: Shinkatsu Morisawa

Street Address: 7-4 Ohe-Kitakutsukake-cho  
5 chome  
Nishikyo-ku, Kyoto 610-1101  
Japan

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

3. Nature of conveyance:

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

Execution Date: May 23, 2001

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)

09/862,417

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

**Charles Vorndran**  
**Thomas, Kayden, Horstemeyer & Risley, L.L.P.**  
100 Galleria Parkway, Suite 1750  
Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [ 1 ]

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

- Enclosed
- Charge deposit account

8. Deposit Account Number:

20-0778

(Attach duplicate copy of this page if paying by Deposit Account)

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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.*

**Charles Vorndran**

10-31-03

Typed Name

Signature

Date

Docket #: 122001-1050

Total number of pages including cover sheet, attachments, and document: [3]

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
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FINANCE SECTION

ASSIGNMENT

WHEREAS I, Xiao Bing Wang an individual and resident in China (Assignor), have made certain new and useful inventions as set forth in applications for United States Letters Patent, for which a patent application was filed in the United States Patent and Trademark Office as follows:

United States Patent Application, entitled ISOMETRIC PRIMER EXTENSION METHOD and kit FOR DETECTION AND QUANTIFICATION OF SPECIFIC NUCLEIC ACID, filed on May 23, 2001;

AND WHEREAS, Shinkatsu Morisawa an individual and resident in Japan (Assignee), and having an address of 7-4, Ohe-Kitakutsukake-cho 5-chome, Nishikyo-ku, Kyoto 610-1101, Japan, is desirous of acquiring rights in and to said inventions and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Shinkatsu Morisawa, his legal representatives, successors, and assigns, a 50% interest to assignor in the said inventions as set forth in the above-mentioned application, and in and to any and all patents of the United States and foreign countries which may be issued for said inventions; each owner having an obligation to account to the other in connection with profits realized from exploitation of said inventions or any product issuing thereon;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said inventions, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said inventions jointly to Xiao Bing Wang and Shinkatsu Morisawa, their legal representatives, successors or assigns, as the respective owners of a 50% interest in and to said patents and the inventions covered thereby.

5/23/2001

*[Handwritten Signature]*

Date

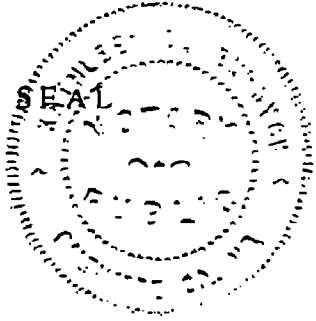
Signature: Xiao Bing Wang, Assignor

STATE OF MD )  
COUNTY OF BALTO ) SS:

On this 23rd day of May, 2001, before me personally appeared Xiao Bing Wang, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

*[Handwritten Signature: Kathleen D. Burdyck]*  
Notary Public

My commission expires \_\_\_\_\_  
KATHLEEN D. BURDYCK  
NOTARY PUBLIC STATE OF MARYLAND  
My Commission Expires January 28, 2002



Date

Signature: Shinkatsu Morisawa, Assignee

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) SS:

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally appeared \_\_\_\_\_, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

SEAL

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_