

12-05-2001

FORM PTO-1595 (Substitute)
(Rev. 8-95) 12.3.01.



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and

101907291

1 documents or copy thereof.
conveying party(ies):

1. Name of conveying party(ies):
Jingyue Ju, Zengmin Li, John Robert
Edwards and Yasuhiro Itagaki

Name: THE TRUSTEES OF COLUMBIA UNIVERSITY
IN THE CITY OF NEW YORK

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

Internal Address:
Street Address: Broadway and West 116th Street

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

City/State/Zip: New York, New York 10027

Execution Date(s): November 2, 2001; October 19,
2001; October 18, 2001; October 18, 2001

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

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date(s) of the application is(are):

A. Patent Application No.(s) U.S. Serial No.
09/972,364 filed October 5, 2001

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John P. White
Internal Address: Cooper & Dunham LLP
Street Address: 1185 Avenue of the Americas
City/State/Zip: New York, New York 10036

6. Total number of applications and patents involved:

7. Total fee (37 CFR §3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
03-3125

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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.

John P. White
Name of Person Signing

John P. White
Signature

November 30, 2001
Date

Reg. No. 28,678

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

I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents and Trademarks, P.O. Box 2327, Arlington, VA 22202
John P. White 11/30/01
John P. White Date
Reg. No. 28,678

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:
Commissioner for Patents and Trademarks
P.O. Box 2327
Arlington, VA 22202

PATENT

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned,

Jingyue Ju of 267 Marietta Street, Englewood Cliffs, New Jersey 07632, USA;
Zengmin Li of 647 West 172nd St., Apt. 41, New York, New York 10032, USA;
John Robert Edwards of 485 Central Park West, Apt. 3C, New York, New York
10025, USA; and Yasuhiro Itagaki of 400 West 119th St. Apt. 12-D, New York,
New York 10027, USA,

*Hereby sell, assign and transfer to THE TRUSTEES OF COLUMBIA UNIVERSITY IN
THE CITY OF NEW YORK*

a corporation of the State of

NEW YORK having a place of business at 110 Low Memorial Library, West 116th

& Broadway in the County of New York and State of New York 10027, U.S.A.

*its successors, assigns and legal representatives, the entire right, title and interest
for all countries, in and to any and all inventions which are disclosed and claimed,
and any and all inventions which are disclosed but not claimed, in the application for
United States Patent, which has been executed by the undersigned on* October 31, 2001;
and is entitled October 19, 2001;

October 18, 2001;
October 18, 2001,

MASSIVE PARALLEL METHOD FOR DECODING DNA AND RNA
(U.S. Serial No. 09/972,364, filed October 5, 2001)

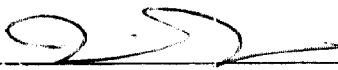
(claims the benefit of U.S. Provisional Application No. 60/300,894,
filed June 26, 2001, and is a continuation-in-part of U.S. Serial
No. 09/684,670, filed October 6, 2000)

*and in and to said application and all divisional, continuing, substitute, renewal,
reissue, and all other applications for U.S. Letters Patent or other related property
rights in any and all foreign countries which have been or shall be filed on any of
said inventions disclosed in said application; and in and to all original and reissued
patents or related foreign documents which have been or shall be issued on said
inventions;*

*Authorize and request the Commissioner of Patents of the United States to issue
to said Assignee, the corporation above named, its successors, assigns and legal
representatives, in accordance with this assignment, any and all United States
Letters Patent on said inventions or any of them disclosed in said application;*

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

 [L.S.]

Date: 11/2 2001

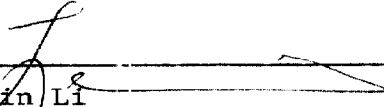
Jingyue Ju

Witness: Xiaopeng Bai

XIAOPENG BAI

362 Riverside Drive #KC3

New York NY 10025

 [L.S.]

Date: 10/19 2001


Zengmin Li


Witness: Chih-Yung Wang

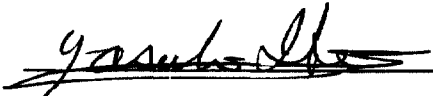
Chih-Yung Wang

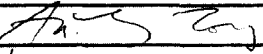
512 W 112 St Apt 3G

New York NY 10025

Date: 10/18/01 2001  [L.S.]
John Robert Edwards

Witness: 
TUAN NGUYEN
247 W. 63rd Street PB
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Date: 10/18/01 2001  [L.S.]
Yasuhiro Itagaki

Witness: 
Anthony Tong
530 W. 122 St, 3B
New York NY 10027

Date: _____ 20____ [L.S.]

Witness: _____

