

mlb 4-30-99

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05-06-1999

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101032002

Atty Dckt No. RRMO-064

09 179 278

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)

Name (line 2)

Execution Date
Month Day Year
11 - 19 - 98

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year
11 - 19 - 98

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

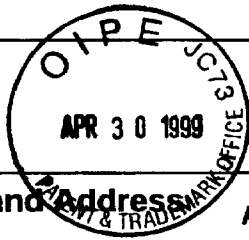
Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 9926 FRAME: 0157



Correspondent Name and Address Area Code and Telephone Number **(408) 323-5111**

Name **Samuel A. Kassatly**

Address (line 1) **6819 Trinidad Drive**

Address (line 2) **San Jose, California 95120**

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. # **7**

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/179,278						

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)
Enter PCT application number PCT PCT
only if a U.S. Application Number has not been assigned. PCT PCT PCT

Number of Properties Enter the total number of properties involved. # **1**

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment: Enclosed Deposit Account Previously paid on 12/09/98 - see attached receipt
Deposit Account Number: # **50-0219**
Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

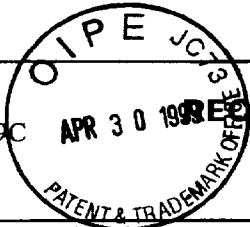
Samuel A. Kassatly

04/19/99

Name of Person Signing

Signature

Date



Page 3
REGISTRATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) **Hong Chen**

Execution Date
Month Day Year
11 - 19 - 98

Name (line 2)

Name (line 1) **Joseph Miceli, Jr.**

Execution Date
Month Day Year
11 - 19 - 98

Name (line 2)

Name (line 1) **Charles C. Cheng**

Execution Date
Month Day Year
11 - 24 - 98

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a joint inventor of certain new and useful improvements in "HIGH NUMERICAL APERTURE OPTICAL FOCUSING DEVICE FOR USE IN DATA STORAGE SYSTEMS" for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Read-Rite Corporation with offices at 345 Los Coches Street, Milipitas, California 95035 (hereinafter "Assignee") is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries, said interest to be owned in its entirety by the Assignee;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a joint inventor, by these presents do hereby assign, sell and transfer unto the said Assignee, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including but not limited to any division, continuation, and continuation-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as the Assignee of the whole right, title, and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of Assignee or its designees, as Assignee or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining reissue or reissues of my Letters Patent which may be granted for my aforesaid invention, as the Assignee thereof shall hereafter require and prepare at its own expense;

And I further agree that Assignee will, upon its request, by provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

And I hereby authorize and request my attorneys of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/179,278, Filing Date: October 26, 1998.

This assignment is executed on the date indicated below:

Yugang Wang

Name of First Inventor

11/19, 1998

Execution Date of U.S. Patent Application

1687 Tahoe Drive, Milpitas, California 95035-7028

Residence of First Inventor


Signature of First Inventor

11/19, 1998

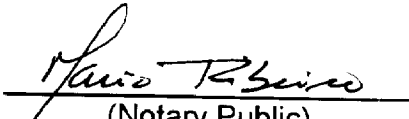
Date of this Assignment

State of California)SS:

County of Santa Clara)

On this 19th day of November in the year of 1998, before me, the undersigned notary public, Yugang Wang appeared personally and acknowledged the above-named assignors, 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 execution of this instrument.




(Notary Public)

And I hereby authorize and request my attorneys of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/179,278, Filing Date: October 26, 1998.

This assignment is executed on the date indicated below:

Chuan He

Name of Second Inventor

11/19, 1998

Execution Date of U.S. Patent Application

39800 Fremont Blvd., #165, Fremont, CA 94538

Residence of Second Inventor

[Signature]

Signature of Second Inventor

Nov. 19, 1998

Date of this Assignment

State of California)SS:

County of Santa Clara)

On this 19th day of November in the year of 1998, before me, the undersigned notary public, Chuan He appeared personally and acknowledged the above-named assignors, 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 execution of this instrument.



[Signature]
(Notary Public)

And I hereby authorize and request my attorneys of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/179,278, Filing Date: October 26, 1998.

This assignment is executed on the date indicated below:

Hong Chen

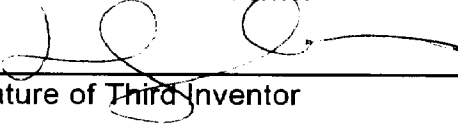
Name of Third Inventor

11/19, 1998

Execution Date of U.S. Patent Application

1696 Via Campagna, San Jose, CA 95120

Residence of Third Inventor


Signature of Third Inventor

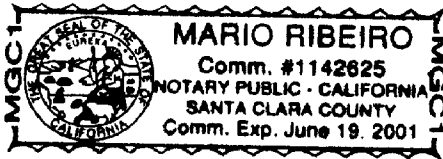
Nov. 19, 1998

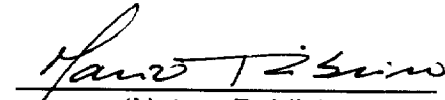
Date of this Assignment

State of California) SS:

County of Santa Clara)

On this 19th day of November in the year of 1998, before me, the undersigned notary public, Hong Chen appeared personally and acknowledged the above-named assignors, 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 execution of this instrument.




(Notary Public)

And I hereby authorize and request my attorneys of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/179,278, Filing Date: October 26, 1998.

This assignment is executed on the date indicated below:

Joseph James Miceli, Jr.

11/19, 1998

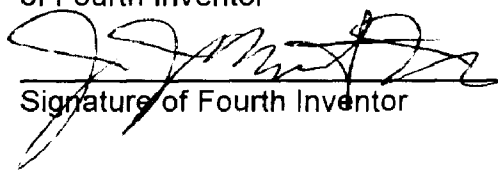
Name of Fourth Inventor

Execution Date of U.S. Patent Application

19718 Solana Drive, Saratoga, CA 95070

Residence

of Fourth Inventor



11/19, 1998

Signature of Fourth Inventor

Date of this Assignment

State of California) SS:

County of Santa Clara

On this 19th day of November in the year of 1998, before me, the undersigned notary public, Joseph James Miceli, Jr. appeared personally and acknowledged the above-named assignors, 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 execution of this instrument.



Mario Ribeiro
(Notary Public)

And I hereby authorize and request my attorneys of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/179,278, Filing Date: October 26, 1998.

This assignment is executed on the date indicated below:

Charles Chen-Kang Cheng

Name of Fifth Inventor

Charles Chen-Kang Cheng 11/24, 1998

Execution Date of U.S. Patent Application

10392 Scenic Circle, Cupertino, CA 95014

Residence of Fifth Inventor

Charles Chen-Kang Cheng

11/24, 1998

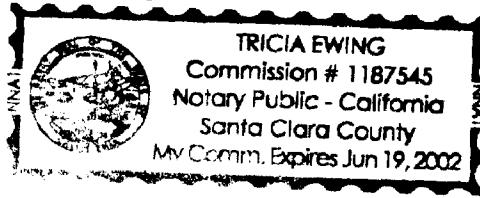
Signature of Fifth Inventor

Date of this Assignment

State of California)SS:

County of Santa Clara

On this 24th day of November in the year of 1998, before me, the undersigned notary public, TRICIA EWING appeared personally and acknowledged the above-named assignors, 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 execution of this instrument.



Tricia Ewing
(Notary Public)

And I hereby authorize and request my attorneys of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 09/179,278, Filing Date: October 26, 1998.

This assignment is executed on the date indicated below:

Ross Wayne Stovall

Name of Sixth Inventor

11/19, 1998

Execution Date of U.S. Patent Application

44848 Trout Ct., Fremont, CA 94539

Residence of Sixth Inventor

November 19, 1998

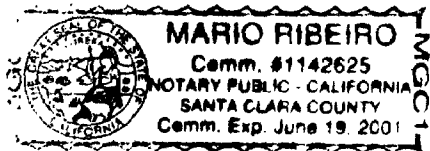
Signature of Sixth Inventor

Date of this Assignment

State of California) SS:

County of Santa Clara)

On this 19th day of November in the year of 1998, before me, the undersigned notary public, Ross Wayne Stovall appeared personally and acknowledged the above-named assignors, 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 execution of this instrument.



Mario Ribeiro
(Notary Public)

