

01-30-2003

RECORDATION FORM COVER SHEET
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102352210

To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- (1) Zhitao DIAO
(2) Min ZHOU
(3) Lifan CHEN
(4) Wei XIONG

Additional name(s) & addresses of conveying
receiving party(ies) attached? ___ Yes XX No

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

Name: **Read-Rite Corporation**
Street Address: **44100 Osgood Road**
City: **Fremont** State: **CA** ZIP: **94539**

Additional name(s) & address(es) of
parties attached? ___ Yes XX No

3. Nature of conveyance:

XX Assignment

Execution Date(s): (1) January 13, 2003
(2) January 13, 2003
(3) January 13, 2003
(4) January 13, 2003

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:
(1) January 13, 2003; (2) January 13, 2003; (3) January 13, 2003; and (4) January 13, 2003.

A. Patent Application No.(s)

Additional numbers attached? ___ Yes XX No

B. Patent No.(s)

Additional numbers attached? ___ Yes XX No

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

Name: **Joseph A. Sawyer, Jr.**
Internal
Address: **Sawyer Law Group LLP**
Street
Address: **P.O. Box 51418**
Palo Alto, California 94303

6. Total Number of applications and patents
involved: **One**7. Total fee (37 CFR 3.41).....\$ **40.00**

___ Enclosed
XX Authorized to be charged to
deposit account

8. Deposit Account Number: **02-2120**

Sawyer Law Group LLP

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.

Date

1/22/03

Joseph A. Sawyer, Jr., Reg. No.: 30,801

01/29/2003 ECOOPER 00000147 022120 10349470

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Total number of pages including cover sheet, attachments, and documents: 4

PATENT
REEL: 013696 FRAME: 0351

U.S. PTO
10/349470
01/22/03

ASSIGNMENT

WHEREAS, the undersigned, Zhitao DIAO; Min ZHOU; Lifan CHEN; and Wei XIONG (herein after called the Assignor), have invented certain new and useful improvements in

METHOD AND SYSTEM FOR PROVIDING HIGH SENSITIVITY GIANT MAGNETORESISTIVE SENSORS

for which a United States patent application has been concurrently executed on the date of this assignment.

WHEREAS, READ-RITE Corporation., organized and existing under the laws of the State of Delaware, having a place of business at 44100 Osgood Road, Fremont, California 93439 (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignors from said Assignee, the receipt of which is hereby acknowledged by said Assignors:

1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.
2. Said Assignors hereby covenant and agree to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.
3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
4. Said Assignors hereby warrant and represent that he has not entered into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

01/13/03
Date

Zhitao DIAO
Zhitao DIAO

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On _____, 2003 before me, _____, Notary Public, personally appeared Zhitao DIAO, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

01/13/03
Date

Min Zhou
Min ZHOU

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On _____, 2003 before me, _____, Notary Public, personally appeared Min ZHOU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

01/13/2003
Date

Lifan CHEN
Lifan CHEN

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On _____, 2003 before me, _____, Notary Public, personally appeared Lifan CHEN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

01/13/2003
Date

Wei XIONG
Wei XIONG

STATE OF CALIFORNIA)
)ss.
COUNTY OF SANTA CLARA)

On _____, 2003 before me, _____, Notary Public, personally appeared Wei XIONG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

RECORDED: 01/22/2003

PATENT
REEL: 013696 FRAME: 0354