

11-19-1999

Attorney Docket: 1460P/RR1560

RECORDATION FORM COVER SHEET

PATENTS ONLY
MRD 11/9/99



101205056

US Department of Commerce
Patent & Trademark Office

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

JC678 U.S. PTO
09/436979
11/09/99

<p>1. Name of conveying party(ies):</p> <p>Ernest A. Louis Ningjia Zhu Peter Bonyhard</p> <p>Additional name(s) & addresses of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Read-Rite Corporation</p> <p>Street Address: 345 Los Coches Street City: Milpitas State: CA ZIP: 95035</p> <p>Additional name(s) & address(es) of receiving parties attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of conveyance:	Execution Date(s):
<input checked="" type="checkbox"/> Assignment	November 2, 1999 November 2, 1999 <u>November 2, 1999.</u>

4. Application number(s) or patent number(s): **09/436979**

If this document is being filed together with a new application, the execution date of the application is: November 2, 1999;
November 2, 1999; and November 2, 1999.

A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Joseph A. Sawyer, Jr. Internal Address: Sawyer & Associates Street Address: P.O. Box 51418 Palo Alto, California 94303</p>	<p>6. Total Number of applications and patents involved: One</p> <hr/> <p>7. Total fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <hr/> <p>8. Deposit Account Number: <u>02-2120</u> (Sawyer & Associates) (Attach copy of this page)</p>
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11/18/1999 DCOATES 00000230 022120 09436979

01 FC:581 **40.00 CH**
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 11/9/99

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

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

PATENT
REEL: 010383 FRAME: 0699

ASSIGNMENT

WHEREAS, the undersigned, Ernest A. Louis, Ningjia Zhu and Peter Bonyhard (herein after called the Assignor), have invented certain new and useful improvements in

VERTICAL GIANT MAGNETORESISTANCE SENSOR USING A RECESSED SHIELD

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 345 Los Coches Street, Milpitas, California 95035 (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.

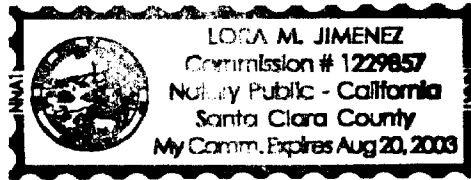
11/2/99
Date
Ernest A. Louis
Ernest A. Louis

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

On Nov 2, 1999 before me, Lora M. Jimenez, Notary Public, personally appeared Ernest A. Louis, 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.

Lora M. Jimenez
Signature



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

11/2/99
Date
Ningjia Zhu
Ningjia Zhu

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

On Nov 2, 1999 before me, Lora M. Jimenez, Notary Public, personally appeared Ningjia Zhu, 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.

Lora M. Jimenez
Signature



ASSIGNMENT (continued)

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

11/02/99
Date

Peter Bonyhard
Peter Bonyhard

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

On Nov 2, 1999 before me, Lora M. Jimenez, Notary Public, personally appeared Peter Bonyhard, 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.

Lora M. Jimenez
Signature

