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LIUBO HONG RONALD A. BARR DASHUN STEVE ZHOU **Execution Date:** 01-27-99 03-03-99 -28-99

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[]Merger

Security Agreement

[]Change of Name

Other

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

Name: READ-RITE CORPORATION

Internal Address:

Robert N. King

ed original documents or copy thereof.

Street Address: 44100 Osgood Road

City: Fremont

State: CA

Zip: 94539

Additional name(s) & address(es) attached?

[] Yes [x] No

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: March 3, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

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

Name: MICHAELSON & WALLACE

Internal Address: Christopher R. Balzan

Street Address: 1001 Partridge Drive, Suite 330

City: Ventura State: CA Zip: 93003 6. Total number of applications and patents involved:

1

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

Enclosed

[X] Authorized to be charged to deposit account <u>50-0338</u>

8. Charge any excess or credit any refund to deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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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.

Christopher R. Balzan Reg. No. 40,901 Name of Person Signing

Total number of pages comprising cover sheet:

OMB No. 0651-0011

Read-Rite Case No. RR 1465 Attorney Docket No. READ/049-98

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ASSIGNMENT

WHEREAS, Liubo Hong, residing at 945 Summerleaf Place, San Jose, California 95120; Ronald A. Barr, residing at 111 Whit's Road, Mountain View, CA 94040; and Dashun Steve Zhou, residing at 691 Toyon Avenue, Sunnyvale, CA 94086 ("Assignors") have made certain new and useful inventions in ULTRA-SHORT YOKE AND ULTRA-LOW STACK HEIGHT WRITER AND METHOD OF FABRICATION and have disclosed the same in an application for Letters Patent of the United States therefor, said application having been executed by Assignor contemporaneously herewith;

WHEREAS, READ-RITE CORPORATION ("Assignee"), a California corporation having offices at 44100 Osgood Road, Fremont, CA 94539, desires to acquire the entire right, title and interest in and to all inventions disclosed in said application;

NOW, THEREFORE, in consideration of good and valuable consideration to Assignor paid by Assignee, the receipt of which is hereby acknowledged, Assignor hereby does sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest throughout the world in and to said inventions disclosed in said application; and in and to said application, including all priority rights for other countries arising from said application; and in and to all substitutions, divisions and continuations thereof; and in and to all Letters Patent, United States and foreign, and corresponding foreign rights, that may be granted for said inventions; and in and to all extensions, renewals and reissues thereof.

And Assignor hereby authorizes and requests the Commissioner of Patents of the United States and the duly constituted authorities of foreign countries to issue any Letters Patent which may be granted on said inventions, on any patent applications related thereto, and on any substitute, continuation, divisional or reissue applications on any of them, to said Assignee, its successor and assigns, as assignee of the entire right, title and interest therein and thereto.

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IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this
27th day of January, 1999, and has executed the referenced
27th day of January, 1999, and has executed the referenced patent application on the 27th day of January, 1999.
LIUBO HONG, Assignor
STATE OF CALIFORDIA)
) ss
COUNTY OF SANTA CLARA
on January 27,1999 before me, Ancy A. BREOING personally appeared
personally appeared hong, personally known to me or proved to me on the basis of satisfactors evidence to be the person whose name is
subscribed to this instrument and acknowledged to me that he his the executed the same in his
authorized capacity, and that by his/ben signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
upon benan of which the person acted, executed the histrament.
WITNESS my hand and official seal
Signature A. Breiding
Signature
NANCY A. BREEDING
Commission #1172734 Section 2 Notary Public - California
Santa Clara County My Comm. Expires Feb 23, 2002
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IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this $\frac{1}{\sqrt{rd}}$ day of $\frac{1}{\sqrt{rd}}$ $\frac{1}{$
patent application on the $\frac{1}{\sqrt{1000}}$ day of $\frac{1000}{1000}$, $\frac{199}{1000}$.
RONALD A. BARR, Assignor
STATE OF CALIFORNIA) ss
COUNTY OF SANTA CLARA
On 3/3/99 before me, A.B.Z.S.M.9 personally appeared Roman A.B.R. , personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal
Signature A. Breding
NANCY A. BREEDING Commission # 1172734 Notary Public - California Santa Clara County Santa Clara County

Read-Rite Case No. RR 1465 Attorney Docket No. READ/049-98

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IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 28th day of January , 1999, and has executed the referenced patent application on the 28th day of January , 1999.
patent application on the 28th day of Tanuary, 1999.
D.S. Shou
DASHUN STEVE ZHOU, Assignor
STATE OF CALIFORNIA
STATE OF CALIFORNIA) ss COUNTY OF SANTA CLARA
On JANUARUR, 1999 before me, ARREDM, personally appeared DASHUR STEUE INDEEDING, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal
Signature Dancy A. Breeding
NANCY A. BREEDING Commission #1172734 Coffornia Tra Chanty Santa Clara County My Comm. Expires Feb 23, 2002

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RECORDED: 03/12/1999