

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tong Zhao</td> <td>09/03/2008</td> </tr> <tr> <td>Hui-Chuan Wang</td> <td>09/03/2008</td> </tr> <tr> <td>Yu-Chen Zhou</td> <td>09/03/2008</td> </tr> <tr> <td>Min Li</td> <td>09/03/2008</td> </tr> <tr> <td>Kunliang Zhang</td> <td>09/03/2008</td> </tr> </tbody> </table>		Name	Execution Date	Tong Zhao	09/03/2008	Hui-Chuan Wang	09/03/2008	Yu-Chen Zhou	09/03/2008	Min Li	09/03/2008	Kunliang Zhang	09/03/2008
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Kunliang Zhang	09/03/2008												
RECEIVING PARTY DATA													
Name:	Headway Technologies, Inc.												
Street Address:	678 S. Hillview Drive												
City:	Milpitas												
State/Country:	CALIFORNIA												
Postal Code:	95035												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12284409</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12284409								
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CORRESPONDENCE DATA													
Fax Number:	(845)471-2064												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	845-452-5863												
Email:	cathys@saileackerman.com												
Correspondent Name:	Saile Ackerman LLC												
Address Line 1:	28 Davis Avenue												
Address Line 4:	Poughkeepsie, NEW YORK 12603												
ATTORNEY DOCKET NUMBER:	HT08-013												
NAME OF SUBMITTER:	Stephen B Ackerman												

CH \$40.00 12284409

Total Attachments: 4

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For U.S. and/or Foreign Rights
For Application or U.S. Patent
By Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNOR:**

TONG ZHAO
Type or print name of ASSIGNOR
34343 AGATE TER
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P. R. China
Nationality

HUI-CHUAN WANG
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U.S.A.
Nationality

YU-CHEN ZHOU
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Address
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P. R. China
Nationality

MIN-LI
Type or print name of ASSIGNOR
5298 Salvatierra CT
Address
Dublin, CA 94568
P. R. China
Nationality

hereby sells, assigns and transfers to

ASSIGNEE:

Headway Technologies, Inc.
678 S. Hillview Drive
Milpitas, CA 95035
USA
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
- an undivided _____ percent (___%) interest for the United States and its territorial possessions

(check the following box if foreign rights are also to be assigned)

- and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

TMR Device With Novel Free Layer Structure

For U.S. and/or Foreign Rights

For Application or U.S. Patent

By Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

KUNLIANG ZHANG
Type or print name of ASSIGNOR
46068 PASEO PADRE PKWY
Address
Fremont, CA 94539
P. R. CHINA
Nationality

hereby sells, assigns and transfers to

ASSIGNEE:

Headway Technologies, Inc.
678 S. Hillview Drive
Milpitas, CA 95035
USA
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
 an undivided _____ percent (____%) interest for the United States and its territorial possessions
(check the following box if foreign rights are also to be assigned)
 and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

TMR Device With Novel Free Layer Structure

and which is found in

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on _____
- (c) U.S. application serial no. _____ filed on _____
- (d) U.S. patent no. _____ issued _____
(also check (e) if foreign application(s) is also being assigned)
- (e) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I / We have signed this
9/3/08 (Date of signing)

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Tung Zhao
Signature of ASSIGNOR(S)

Hui-Chuan Wang

[Signature]

Min Li

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.
____ Notarization of Legalization Page Added. HT08-013

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- (a) U.S. patent application executed on even date herewith
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9/3/08

(Date of signing)

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Signature of ASSIGNOR(S)

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

Title

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