

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Tong Zhao</td><td>12/08/2008</td></tr><tr><td>Hui-Chuan Wang</td><td>12/08/2008</td></tr><tr><td>Min Li</td><td>12/08/2008</td></tr><tr><td>Kunliang Zhang</td><td>12/08/2008</td></tr></tbody></table>	Name	Execution Date	Tong Zhao	12/08/2008	Hui-Chuan Wang	12/08/2008	Min Li	12/08/2008	Kunliang Zhang	12/08/2008	
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Tong Zhao	12/08/2008										
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Min Li	12/08/2008										
Kunliang Zhang	12/08/2008										
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12319972</td></tr></tbody></table>	Property Type	Number	Application Number:	12319972							
Property Type	Number										
Application Number:	12319972										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Stephen B Ackerman										
Total Attachments: 2 source=HT08-035#page1.tif											

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PATENT
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HT08-035

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
34342 AGATE TER.
Address
FREMONT, CA 94555
P. R. CHINA
Nationality

HUI-CHUAN WANG
Type or print name of ASSIGNOR
5029 Carducci Dr.
Address
Pleasanton, CA 94588
U. S. A.
Nationality

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

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

12/08/2008 (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.

Ting Zhao
Signature of ASSIGNOR(S)
Hui Chuan Wang
Min Li
[Signature]

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.