

## PATENT ASSIGNMENT

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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>Robert Beach</td> <td>02/15/2012</td> </tr> <tr> <td>Guenole Jan</td> <td>02/16/2012</td> </tr> <tr> <td>Yu-Jen Wang</td> <td>02/15/2012</td> </tr> <tr> <td>Witold Kula</td> <td>02/23/2012</td> </tr> <tr> <td>Po-Kang Wang</td> <td>02/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Robert Beach	02/15/2012	Guenole Jan	02/16/2012	Yu-Jen Wang	02/15/2012	Witold Kula	02/23/2012	Po-Kang Wang	02/21/2012
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Headway Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>678 South Hillview Drive</td> </tr> <tr> <td>City:</td> <td>Milpitas</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95035</td> </tr> </table>		Name:	Headway Technologies, Inc.	Street Address:	678 South Hillview Drive	City:	Milpitas	State/Country:	CALIFORNIA	Postal Code:	95035		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (845)471-2064</p> <p>Phone: 8454525863</p> <p>Email: debbi@saileackerman.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Saile Ackerman LLC</p> <p>Address Line 1: 28 Davis Avenue</p> <p>Address Line 4: Poughkeepsie, NEW YORK 12603</p>													
ATTORNEY DOCKET NUMBER:	HMG11-013												
NAME OF SUBMITTER:	Stephen B Ackerman												

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Total Attachments: 4

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HMG11-013

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:

**Robert Beach**

Type or print name of ASSIGNOR

16173 Roseleaf Ln.

Street Address

Los Gatos, CA, US, 95032

City, State, Country, Zip

US

Nationality

**Guenole Jan**

Type or print name of ASSIGNOR

448 COE AVENUE

Street Address

SAN JOSE, CA, US, 95125

City, State, Country, Zip

France

Nationality

**Yu-Jen Wang**

Type or print name of ASSIGNOR

185 ESTANCA DR.

Street Address

#339, San Jose, CA, US, 95134

City, State, Country, Zip

Taiwan, ROC

Nationality

hereby sells, assigns and transfers to

#### ASSIGNEE:

**Headway Technologies, Inc.**

**678 South 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: **STT-MRAM Reference Layer Having Substantially Reduced Stray Field And Consisting Of A Single Magnetic Domain**

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:

Witold Kula  
Type or print name of ASSIGNOR  
135 S. PASTORIA AVE.  
Street Address  
SUNNYVALE, CA 94086  
City, State, Country, Zip  
U.S.A.  
Nationality

Po-Kang Wang  
Type or print name of ASSIGNOR  
766 Vista Grande Ave  
Street Address  
602 Altos, CA 94024  
City, State, Country, Zip  
USA  
Nationality

hereby sells, assigns and transfers to

#### ASSIGNEE:

**Headway Technologies, Inc.**  
**678 South Hillview Drive**  
**Milpitas, CA 95035**  
**USA**

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

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☒ the entire right, title and interest  
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(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:

**STT-MRAM Reference Layer Having Substantially Reduced Stray Field And Consisting Of A Single Magnetic Domain**

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

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

  
\_\_\_\_\_  
Signature of ASSIGNOR

2/15/2012  
\_\_\_\_\_  
Date of Signing

  
\_\_\_\_\_  
Signature of ASSIGNOR

2/15/2012  
\_\_\_\_\_  
Date of Signing

  
\_\_\_\_\_  
Signature of ASSIGNOR

2/16/2012  
\_\_\_\_\_  
Date of Signing

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.

and which is found in

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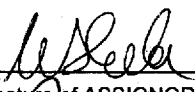
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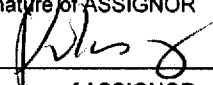
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02/23/2012  
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Date of Signing

02/21/2012  
\_\_\_\_\_  
Date of Signing

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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