

## 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>Yu-Jen Wang</td> <td>01/31/2012</td> </tr> <tr> <td>Witold Kula</td> <td>02/12/2012</td> </tr> <tr> <td>Ru-Ying Tong</td> <td>01/31/2012</td> </tr> <tr> <td>Guenole Jan</td> <td>01/31/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yu-Jen Wang	01/31/2012	Witold Kula	02/12/2012	Ru-Ying Tong	01/31/2012	Guenole Jan	01/31/2012
Name	Execution Date										
Yu-Jen Wang	01/31/2012										
Witold Kula	02/12/2012										
Ru-Ying Tong	01/31/2012										
Guenole Jan	01/31/2012										
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
Name:	Headway Technologies, Inc.										
Street Address:	678 South 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>13406972</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13406972						
Property Type	Number										
Application Number:	13406972										
CORRESPONDENCE DATA											
<p>Fax Number: (845)471-2064          Email: debbi@saileackerman.com  <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          Address Line 1: 28 Davis Avenue          Address Line 4: Poughkeepsie, NEW YORK 12603</p>											
ATTORNEY DOCKET NUMBER:	HMG11-012										
NAME OF SUBMITTER:	Stephen B Ackerman										
<p>Total Attachments: 2          source=HMG11-012_Assignment#page1.tif          source=HMG11-012_Assignment#page2.tif</p>											

CH \$40.00 13406972

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:**

**YU-JEN WANG**  
Type or print name of ASSIGNOR  
185 ESTANCIA DR. #339,  
Street Address  
SAN JOSE, CA, 95134, USA  
City, State, Country, Zip  
TAIWAN, R.O.C.  
Nationality

**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

**RU YING TONG**  
Type or print name of ASSIGNOR  
1730 Las Joyas CT  
Street Address  
Los Gatos CA 95032  
City, State, Country, Zip  
U.S.A.  
Nationality

**GUENOLE JAN**  
Type or print name of ASSIGNOR  
448 COE AV.  
Street Address  
SAN JOSE CA 95125  
City, State, Country, Zip  
FRENCH.  
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/f 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:  
**HIGH THERMAL STABILITY REFERENCE STRUCTURE WITH OUT-OF-PLANE ANISOTRPHY FOR MAGNETIC DEVICE APPLICATIONS**

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

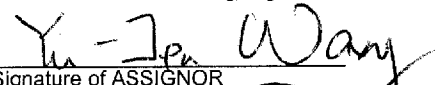
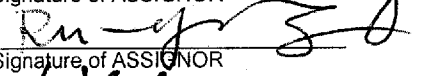
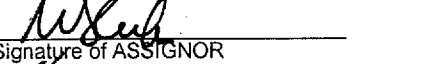

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

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	<u>1/31/2012</u> Date of Signing
 Signature of ASSIGNOR	<u>1/31/2012</u> Date of Signing
 Signature of ASSIGNOR	<u>2/12/2012</u> Date of Signing
 Signature of ASSIGNOR	<u>1/31/2012</u> 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.