

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>Witold Kula</td> <td>09/04/2012</td> </tr> <tr> <td>Guenole Jan</td> <td>08/21/2012</td> </tr> <tr> <td>Ru-Ying Tong</td> <td>08/21/2012</td> </tr> <tr> <td>Yu-Jen Wang</td> <td>08/21/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Witold Kula | 09/04/2012 | Guenole Jan | 08/21/2012 | Ru-Ying Tong | 08/21/2012 | Yu-Jen Wang | 08/21/2012 |
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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 |
| 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>13617432</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13617432 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13617432 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: 8454712064 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 845-452-5863 Email: debbi@saileackerman.com Correspondent Name: Saile Ackerman LLC Address Line 1: 28 Davis Avenue Address Line 4: Poughkeepsie, NEW YORK 12603</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | HMG11-011 | | | | | | | | | | |
| NAME OF SUBMITTER: | Stephen B Ackerman | | | | | | | | | | |
| <p>Total Attachments: 2 source=HMG11-011_Assignment#page1.tif source=HMG11-011_Assignment#page2.tif</p> | | | | | | | | | | | |

CH \$40.00 13617432

HMG11-011

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

GUENOLE JAN

Type or print name of ASSIGNOR

448 COE AVENUE

Street Address

SAN JOSE, CA, USA 95125

City, State, Country, Zip

FRENCH

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

YU-JEN WANG

Type or print name of ASSIGNOR

4438 Madoc WAY

Street Address

San Jose, CA, USA, 95130

City, State, Country, Zip

TAIWAN, R.O.C

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:

IMPROVED STORAGE ELEMENT FOR STT MRAM APPLICATIONS

PATENT

REEL: 029214 FRAME: 0673

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]
Signature of ASSIGNOR

[Signature]
Signature of ASSIGNOR

[Signature]
Signature of ASSIGNOR

[Signature]
Signature of ASSIGNOR

09/04/2012
Date of Signing

08/21/2012
Date of Signing

08/21/2012
Date of Signing

08/21/2012
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

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.