

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YU-JEN WANG	01/31/2012
WITOLD KULA	02/12/2012
RU YING TONG	01/31/2012
GUENOLE JAN	01/31/2012
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<b>City:</b>	MILPITAS
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<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14493416
<b>Application Number:</b>	14511273
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	HMG11-012B,CON
<b>NAME OF SUBMITTER:</b>	STEPHEN B ACKERMAN
<b>SIGNATURE:</b>	/Stephen B Ackerman/
<b>DATE SIGNED:</b>	10/22/2018
<b>Total Attachments: 2</b>	
source=HMG11-012_Divisional_Assignment#page1.tif	



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  
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 Type or print name of ASSIGNOR  
448 GLE AV.  
 Street Address  
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 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 ANISOTROPY 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.

Yun-Jen Wang  
Signature of ASSIGNOR

Ru-jun Zhang  
Signature of ASSIGNOR

W. Sub  
Signature of ASSIGNOR

[Signature]  
Signature of ASSIGNOR

1/31/2012  
Date of Signing

1/31/2012  
Date of Signing

2/12/2012  
Date of Signing

1/31/2012  
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.