

## 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>
YI YANG	08/17/2018
DONGNA SHEN	08/20/2018
YU-JEN WANG	08/17/2018
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<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16927461
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<b>NAME OF SUBMITTER:</b>	MARCY OGADO
<b>SIGNATURE:</b>	/Marcy Ogado/
<b>DATE SIGNED:</b>	07/13/2020
<b>Total Attachments: 2</b>	
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source=24061-3940US02_Assignment-invs-Headway#page2.tif	

HT18-026

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:

YI YANG  
Type or print name of ASSIGNOR  
2298 Oasis Camino  
Street Address  
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DONGNA SHEN  
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YU-JEN WANG  
Type or print name of ASSIGNOR  
5655 Minville Drive  
Street Address  
San Jose, CA, USA, 95118  
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

(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:

Large Height Tree-Like Sub 30NM Vias to Reduce Conductive Material Re-Deposition for Sub 60NM MRAM Devices

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.

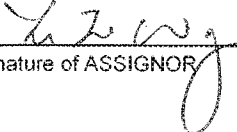
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation 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

  
Signature of ASSIGNOR

  
Signature of ASSIGNOR

08-17-2018  
Date of Signing

8/20/2018  
Date of Signing

08/17/2018  
Date of Signing