

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5408896

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUE LIU	01/11/2019
YING LIU	01/11/2019
YUHUI TANG	01/11/2019
JIUN-TING LEE	01/11/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HEADWAY TECHNOLOGIES, INC.
<b>Street Address:</b>	678 S. HILLVIEW DRIVE
<b>City:</b>	MILPITAS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95035
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16254755
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(845)471-2064
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	8454523204
<b>Email:</b>	elise@saileackerman.com
<b>Correspondent Name:</b>	SAILE ACKERMAN LLC
<b>Address Line 1:</b>	28 DAVIS AVENUE
<b>Address Line 4:</b>	POUGHKEEPSIE, NEW YORK 12603
<b>ATTORNEY DOCKET NUMBER:</b>	HT18-025
<b>NAME OF SUBMITTER:</b>	STEPHEN B. ACKERMAN
<b>SIGNATURE:</b>	/Stephen B Ackerman/
<b>DATE SIGNED:</b>	03/07/2019
<b>Total Attachments: 2</b>	
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source=HT18-025_Assignment#page2.tif	

HT18-025

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:**

**Yue Liu**

Type or print name of ASSIGNOR

43182 Calle Hermosa

Street Address

Fremont, CA, U.S.A. 94539

City, State, Country, Zip

U.S.A.

Nationality

**Ying Liu**

Type or print name of ASSIGNOR

1242 Gehrige Ave

Street Address

San Jose, CA, USA, 95132

City, State, Country, Zip

CHINA

Nationality

**Yuhui Tang**

Type or print name of ASSIGNOR

281 Woodruff Way

Street Address

Milpitas, CA, USA 95035

City, State, Country, Zip

China

Nationality

**Jiun-Ting Lee**

Type or print name of ASSIGNOR

598 Fort Laramie Dr.

Street Address

Sunnyvale, CA, USA 94087

City, State, Country, Zip

USA

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:

**Ultimate Double Yoke (uDY) Combined with One Turn Coil Designs for Perpendicular Magnetic Recording (PMR)**

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

01/11/2019  
\_\_\_\_\_  
Date of Signing

  
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Signature of ASSIGNOR

01/11/2019  
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Date of Signing

  
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01/11/2019  
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Date of Signing