

## 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>
QINGHUA ZENG	02/21/2019
SIU YIN NGAN	02/21/2019
SORAMANY KA	02/21/2019
ELLIS CHA	02/21/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAE MAGNETICS (HK) LTD.
<b>Street Address:</b>	6 SCIENCE PARK EAST AVENUE
<b>Internal Address:</b>	HONG KONG SCIENCE PARK
<b>City:</b>	SHATIN, N.T. HONG KONG
<b>State/Country:</b>	HONG KONG
<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>
<b>Application Number:</b>	16296366
<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>	SM18-002
<b>NAME OF SUBMITTER:</b>	STEPHEN B ACKERMAN

<b>SIGNATURE:</b>	/Stephen B Ackerman/
<b>DATE SIGNED:</b>	04/17/2019
<b>Total Attachments: 2</b> source=SM18-002_Assignment#page1.tif source=SM18-002_Assignment#page2.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:

Qinghua Zeng  
 Type or print name of ASSIGNOR  
  
43233 Gallegos Ave  
 Street Address  
  
Fremont, CA 94539  
 City, State, Country, Zip  
  
USA  
 Nationality

Siu Yin Ngan  
 Type or print name of ASSIGNOR  
  
1442 Merrywood Drive  
 Street Address  
  
San Jose, CA 95118  
 City, State, Country, Zip  
  
Chinese  
 Nationality

Soramany Ka  
 Type or print name of ASSIGNOR  
  
3118 Heritage Valley Dr.  
 Street Address  
  
San Jose, CA 95148  
 City, State, Country, Zip  
  
USA  
 Nationality

Ellis Cha  
 Type or print name of ASSIGNOR  
  
5586 Satinleaf Way  
 Street Address  
  
San Ramon, CA 94582  
 City, State, Country, Zip  
  
USA  
 Nationality

hereby sells, assigns and transfers to

#### ASSIGNEE:

**SAE Magnetics (HK) Ltd.**  
**6 Science Park East Avenue**  
**Hong Kong Science Park**  
**Shatin, N. T. Hong Kong**  
**Hong Kong**  
 Nationality

**Headway Technologies, Inc.**  
**678 South Hillview Drive**  
**Milpitas, CA 95035**  
**USA**

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:

**High Power Ratio Mode for TAMR Drives**

SM18-002

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.

Qinghua Zeng  
Signature of ASSIGNOR

2/21/2019  
Date of Signing

Negan Guo Yin  
Signature of ASSIGNOR

2/21/2019  
Date of Signing

Suanna  
Signature of ASSIGNOR

2/21/2019  
Date of Signing

[Signature]  
Signature of ASSIGNOR

2/21/2019  
Date of Signing