# 503611454 12/15/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

### **CONVEYING PARTY DATA**

Name	Execution Date
SANGHYUN LIM	08/27/2015
YUHUI TANG	08/28/2015
YAGUANG WEI	10/14/2015
YUE LIU	08/27/2015
MORIS DOVEK	08/28/2015

#### **RECEIVING PARTY DATA**

Name:	HEADWAY TECHNOLOGIES, INC.
Street Address:	678 SOUTH HILLVIEW DRIVE
City:	MILPITAS
State/Country:	CALIFORNIA
Postal Code:	95035

## **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	14933758		

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	HT14-024
NAME OF SUBMITTER:	STEPHEN ACKERMAN
SIGNATURE:	/Stephen Ackerman/
DATE SIGNED:	12/15/2015

**Total Attachments: 4** 

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PATENT REEL: 037290 FRAME: 0879

EPAS ID: PAT3658085

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> PATENT REEL: 037290 FRAME: 0880

	For X U.S. and/or X Foreign Rights  For X Application or U.S. Patent  By X Inventor(s) or Present Owner  IT OF INVENTION  E to ASSIGNOR of the sum of One Dollar (\$1.00), the
receipt of which is hereby acknowledged, and ASSIGNOR:  SANGHYUN LIM Type or print name of ASSIGNOR  2449 Glen Duff Way Street Address  San Jose . CA 95146 City, State. Country, Zip (South) Korea.	
YAGUANG WEI Type or print name of ASSIGNOR  2398 Sandpiper Way Street Address Plasantm CA, 94566 City, State, Country, Zip China Nationality hereby sells, assigns and transfers to ASSIGNEE:	YUE LIU Type or print name of ASSIGNOR  122 Lurene Dr.  Street Address Fremut, CA, U.S.A. 94538  City, State, Country, Zip  U.S.A.  Nationality
Headway Technologies, Inc. 678 S. Hillview Drive Milpitas, CA 95035 USA Nationality	
	rest for the United States and its territorial possessions in rights are also to be assigned)
Perpendicular Magnetic Recording (PMR) Write	r with Improved Trailing Shield Design

PATENT REEL: 037290 FRAME: 0881

and w	which is found in
	(a) U.S. Provisional application executed on even date herewith
$\bar{\Box}$	(b) U.S. patent application executed on
$\overline{\mathbf{x}}$	(c) U.S. application serial no filed on
	d) U.S. patent noissued (also check (e) if foreign application(s) is also being assigned)
x	(e) and any legal equivalent thereof in a foreign country, including the right to claim priority
contin	in and to, all Letters Patent to be obtained for said invention by the above application or any nuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or relination thereof.
	ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or endered into which would conflict with this assignment.
pertingmay book or properties	ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all ent facts and documents relating to said invention and said Letters Patent and legal equivalents as be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation occeeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal sentatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue inforce said application, said invention and said Letters Patent and said equivalents thereof which be necessary or desirable to carry out the purposes thereof.  TNESS WHEREOF, I / We have signed
	VING Date of signing must be the same as the date of execution of the application if item (a) was checked above.
Signatu Signatu Signatu	The of ASSIGNOR  The of
If ASS	SIGNOR is a <u>legal entity</u> complete the following information
Туре о	r print the name of the above person authorized to sign on behalf of ASSIGNOR
	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.

HT14-024	For	U.S. and/or	
	For	Application or	
	Ву	X Inventor(s) or	Present Owner
ASSIGNMEN	r of	INVENTION	
In consideration of the payment by ASSIGNEE receipt of which is hereby acknowledged, and			
ASSIGNOR:			
MORIS DOVEK Type or print name of ASSIGNOR			
Street Address			
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 represe	entativ	es of the ASSIGNE	<u>-</u>
(complete one of the following)			
x the entire right, title and interest			
an undivided percent (%) interest () interest () interest () interest () interest (			
x and in all foreign countries			

in and to any and all improvements which are disclosed in the invention entitled: Perpendicular Magnetic Recording (PMR) Writer with Improved Trailing Shield Design

and	which is fo	ound in				
	(a) U.S.	Provisional patent ap	oplication executed or	n even dat	e herewith	
П	(b) U.S. patent application executed on					
X	(c) U.S.	application serial no.		filed on	***************************************	data was care and a second second
	(d) U.S	. patent no.	(also check (e) if foreig	is n applicatio	ssued on(s) is also being assigned	<u>J)</u>
X	(e) and	any legal equivalent	thereof in a foreign co	ountry, inc	luding the right to claim	priority
conti		division, renewal, o			ntion by the above ap to letters patent any	
will b		•	s that no assignmen would conflict with thi		greement or encumbran ent.	i <b>ce has</b> been or
may or p repre and may	nent facts be known roceeding esentative enforce sa be necess	and documents related and accessible to A prelated thereto are sany and all papers aid application, said sary or desirable to co	ting to said invention SSIGNOR and will te nd will promptly ex , instruments or affida invention and said L arry out the purposes	and said lestify as to ecute and avits required.	s request, be provided p Letters Patent and lega of the same in any interford dideliver to ASSIGNE ired to apply for, obtain, tent and said equivalen	l equivalents as erence, litigation EE or its legal maintain, issue
IIN VV	IINESS (	WHEREOF, I / We ha	we signed			
WAF	RNING Da	ite of signing must be the s	same <b>as the date of</b> execui	*	oplication if item (a) was check 28-15	red above.
Signa	ture of ASSI	GNOR		Date of Sig		_
If AS	SIGNOR	is a <u>legal entity</u> con	mplete the following	g informa	ition	
Туре	or print th	e name of the above per	rson authorized to sign (	on behalf of	ASSIGNOR	
—— Title	Note:		n or legalization is necessar lse next page if notarization		gnment is notarized or legalize	d then it will only be
				Notari	zation of Legalization Page Add	ed.

**RECORDED: 12/15/2015** 

PATENT REEL: 037290 FRAME: 0884