504753011 01/30/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4799739

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAHIL PATEL	11/29/2017
GUENOLE JAN	11/29/2017
RU-YING TONG	11/29/2017
VIGNESH SUNDAR	11/29/2017
DONGNA SHEN	11/29/2017
YU-JEN WANG	11/29/2017
PO-KANG WANG	11/29/2017
HUANLONG LIU	11/29/2017

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:	15841479

CORRESPONDENCE DATA

Fax Number: (845)471-2064

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.

Phone: 845-452-5863

Email:debbi@saileackerman.comCorrespondent Name:SAILE ACKERMAN LLCAddress Line 1:28 DAVIS AVENUE

Address Line 4: POUGHKEEPSIE, NEW YORK 12603

ATTORNEY DOCKET NUMBER:	HT17-014
NAME OF SUBMITTER:	STEPHEN B ACKERMAN
SIGNATURE:	/Stephen B Ackerman/

PATENT 504753011 REEL: 044763 FRAME: 0538

DATE SIGNED:	01/30/2018
Total Attachments: 4	
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HT17-014	
	For $U.S.$ and/or T Foreign Rights
	For X Application or U.S. Patent
	By X Inventor(s) or Present Owner
ASSIGNME	NT OF INVENTION
	EE to ASSIGNOR of the sum of One Dollar (\$1.00), the nd for other good and valuable consideration,
SAHIL PATEL Type or print name of ASSIGNOR	GUENOLE JAN Type or print name of ASSIGNOR
514 Decroont Terrace	448 Coe Newse
Street Address Frammy CA 94536	Street Address
City, State, Country, Zip	City, State, Country, Zip
<u>usr</u>	+KENCO+
Nationality	Nationality
RU-YING TONG	VIGNESH SUNDAR
RU-YING TONG Type or print name of ASSIGNOR	VIGNESH SUNDAR Type or print name of ASSIGNOR
1730 Las Joyas CT	455 BRAHMS WAY APT 320 Street Address
Street Address Los Galos CA 95032	SUNNYVALE CA 94087 USA
City, State, Country, Zip	City, State, Country, Zip
U.S.A	INDIAN
Nationality	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 repre	sentatives of the ASSIGNEE
(complete one of the following)	

in and to any and all improvements which are disclosed in the invention entitled:

x the entire right, title and interest

x and in all foreign countries

Low Resistance MgO Capping Layer for Perpendicularly Magnetized Magnetic Tunnel Junctions

(check the following box/f foreign rights are also to be assigned)

an undivided _____ percent (___%) interest for the United States and its territorial possessions

and which is found in

х	(a) U.S. pa	atent application e	xecuted on even dat	e herewith		
П	(b) U.S. pa	atent application e	xecuted on			
П	(c) U.S. ap	oplication serial no	•		_ filed on	
	(d) U.S. pa	etent no.	(also check (e) if fore	issuedign application(s) is a	also being assigne	ed)
X	(e) and any	/ legal equivalent t	hereof in a foreign c	ountry, including th	ne right to claim	priority
conti		vision, renewal, c	t to be obtained for substitute, there			
			ts that no assignme would conflict with the		ent or encumbra	nce has been or
may I or pr repre- and e may I	be known a roceeding sentatives a enforce said be necessa	ind accessible to A related thereto a any and all papers I application, said	ASSIGNOR and will not will promptly estimated will promptly estimated and said the purpose serve signed.	testify as to the sa execute and delividavits required to Letters Patent and	ame in any interi ver to ASSIGN apply for, obtain	ference, litigation EE or its legal n, maintain, issue
WAR Signatu Signatu	NING Date	of signing must be the	same as the date of exec	Date of Signing N/29/17 Date of Signing	1}	ked above.
If AS	SIGNOR is	a <u>legal entity</u> co	mplete the followin	ng information		
type oi	r print the na	ame of the above pers	son authorized to sign	on behalf of ASSIGN	OR	
			n or legalization is necess: Ise next page if notarizatio	n is desired.	s notarized or legalize Legalization Page Add	

HT17-014	For U.S. and/or Foreign Rights			
	For X Application or U.S. Patent			
	By			
ASSIGNME	NT 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 :				
DONGNA SHEN Type or print name of ASSIGNOR 1278 Abentural Dr. Street Address San Jose, CA, USA, 95/3/ City, State, Country, Zip China Nationality	YU-JEN WANG Type or print name of ASSIGNOR 5655 Mireille Drive Street Address San Jose, CA, USA, 951/8 City, State, Country, Zip Taiwah Ru. (Nationality			
PO-KANG WANG Type or print name of ASSIGNOR 166 Vista Gray & Au Street Address Los Altos, CA 94024 City, State, Country, Zip USA Nationality hereby sells, assigns and transfers to ASSIGNEE:	HUANLONG LIU Type or print name of ASSIGNOR 49 Janara Aul Street Address MMWale CA 94086 USA City, State, Country, Zip Mationality			
Headway Technologies, Inc. 678 S. Hillview Drive Milpitas, CA 95035 USA Nationality				
and the successors, assigns and legal repres	sentatives of the ASSIGNEE			
(complete one of the following)				
the entire right, title and interest				
	erest for the United States and its territorial possessions gn rights are also to be assigned)			
in and to any and all improvements which are	e disclosed in the invention entitled:			
· · · · · · · · · · · · · · · · · · ·	endicularly Magnetized Magnetic Tunnel Junctions			

and	which is found in	
x	(a) U.S. patent application executed on even date	herewith
П	(b) U.S. patent application executed on	
П	(c) U.S. application serial no.	filed on
	(d) U.S. patent no	issued gn application(s) is also being assigned)
x	(e) and any legal equivalent thereof in a foreign co	untry, including the right to claim priority
cont	, in and to, all Letters Patent to be obtained for tinuation, division, renewal, or substitute, thereof mination thereof.	· · · · · · · · · · · · · · · · · · ·
will b	ASSIGNOR hereby covenants that no assignmen be made or entered into which would conflict with the	
may or p repre	ASSIGNOR further covenants that ASSIGNEE with inent facts and documents relating to said invention to be known and accessible to ASSIGNOR and will the proceeding related thereto and will promptly expresentatives any and all papers, instruments or affidentioners and application, said invention and said to be necessary or desirable to carry out the purposes	and said Letters Patent and legal equivalents as estify as to the same in any interference, litigation secute and deliver to ASSIGNEE or its legal avits required to apply for, obtain, maintain, issue Letters Patent and said equivalents thereof which
IN V	VITNESS WHEREOF, I / We have signed	
Signa Signa	RNING Date of signing must be the same as the date of executature of ASSIGNOR ature of ASSIGNOR ature of ASSIGNOR ature of ASSIGNOR	Ition of the application if item (a) was checked above. II V 1/2017 Date of Signing II / 29 / 2017 Date of Signing USA / 2017 Date of Signing
If AS	SSIGNOR is a <u>legal entity</u> complete the followin	g information
type (or print the name of the above person authorized to sign o	n behalf of ASSIGNOR
Title		ry, if the assignment is notarized or legalized then it will only be

PATENT REEL: 044763 FRAME: 0543

___Notarization of Legalization Page Added.

RECORDED: 01/30/2018

prima facie evidence (35 USC 261). Use next page if notarization is desired.

HT17-014