504686749 12/13/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JESMIN HAQ	10/27/2017
TOM ZHONG	10/27/2017
ZHONGJIAN TENG	10/27/2017
VINH LAM	10/27/2017
YI YANG	10/27/2017

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:	15810494

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.

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

Address Line 4: POUGHKEEPSIE, NEW YORK 12603

ATTORNEY DOCKET NUMBER:	HT17-023
NAME OF SUBMITTER:	STEPHEN B ACKERMAN
SIGNATURE:	/Stephen B Ackerman/
DATE SIGNED:	12/13/2017

Total Attachments: 4

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UT47 002	
HT17-023	For $\stackrel{ X }{\smile}$ U.S. and/or $\stackrel{ X }{\smile}$ Foreign Rights
	For X Application or U.S. Patent
	By X Inventor(s) or Present Owner
ASSIGNMEN	T 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 :	
JESMIN HAQ Type or print name of ASSIGNOR	TOM ZHONG Type or print name of ASSIGNOR
256 LA HONDA DR Street Address	Street Address
MILPITAS, CA, USA 95035 City, State, Country, Zip	Street Address Saratoga, CA, USA 95070 City, State, Country, Zip
BANG LA DESIA Nationality	
Nationality	Nationality
ZHONGJIAN TENG Type or print name of ASSIGNOR	VINH LAM Type or print name of ASSIGNOR
	Type or print name of ASSIGNOR
1736 OSWALD PL Street Address	Street Address
Santa Clara, CA, USA 9505 City, State, Country, Zip	DUBLIN CA 94568
	City, State, Country, Zip
Nationality	U.S.A Nationality
hereby sells, assigns and transfers to	Nationality
ASSIGNEE:	
ASSIGNEE.	
Headway Technologies, Inc.	
678 S. Hillview Drive Milpitas, CA 95035	
USA	
Nationality	
and the successors, assigns and legal repres	entatives of the ASSIGNEE
(complete one of the following)	
x the entire right, title and interest	
	rest for the United States and its territorial possessions
an undivided percent (%) interest for the United States and its territorial possessions (check the following box/f foreign rights are also to be assigned)	
x and in all foreign countries	
in and to any and all improvements which are Improving MTJ Device Performance by Control	

HT17-023	For For By	U.S. and/or Application or Inventor(s) or	
ASSIGNMEN	NT OF	INVENTION	_
In consideration of the payment by ASSIGNE receipt of which is hereby acknowledged, and	EE to At	SSIGNOR of the suner good and valua	um of One Dollar (\$1.00), the ble consideration,
ASSIGNOR:			
YI YANG Type or print name of ASSIGNOR 2298 Ocaso Cambo, Fremont Street Address Typnont (A, 94539) City, State, Country, Zip (Mma Nationality	, (A	94539	
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 repres	sentativ	es of the ASSIGNE	Ε
(complete one of the following) X the entire right, title and interest			
an undivided percent (%) inte (check the following box/f foreign x and in all foreign countries			•

in and to any and all improvements which are disclosed in the invention entitled: <u>Improving MTJ Device Performance by Controlling Device Shape</u>

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 noissued	
x (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 continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue of examination thereof.	•
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has bee will be made or entered into which would conflict with this assignment.	∍n or
ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly wit pertinent facts and documents relating to said invention and said Letters Patent and legal equivalent may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigated or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, is and enforce said application, said invention and said Letters Patent and said equivalents thereof we may be necessary or desirable to carry out the purposes thereof.	ts as ation legal ssue
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.	
10/27/2017 10/27/2017	
Jon 7 10/21/2017	
Signature of ASSIGNOR Date of Signing 10/27/2017	
Signature of ASSIGNOR Date of Signing	
Signature of ASSIGNOR Date of Signing	
If ASSIGNOR is a <u>legal entity</u> complete the following information	
Type or print the name of the above person authorized to sign on behalf of ASSIGNOR	

Title	
	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.
and	Notarization of Legalization Page Added. which is found in
X	(a) U.S. patent application executed on even date herewith
	(b) U.S. patent application executed on
$\overline{\sqcap}$	(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)
	(also check (e) if foreight application(s) is also being assigned)
X	(e) and any legal equivalent thereof in a foreign country, including the right to claim priority
cont	in and to, all Letters Patent to be obtained for said invention by the above application or any inuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or remination thereof.
will t	ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or be made or entered into which would conflict with this assignment.
may or p repre	ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all inent 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 proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal essentatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue enforce said application, said invention and said Letters Patent and said equivalents thereof which be necessary or desirable to carry out the purposes thereof.
IN V	VITNESS WHEREOF, I / We have signed
	RNING Date of signing must be the same as the date of execution of the application if item (a) was checked above. 10-27 - 17 Date of Signing Date Date
If AS	SSIGNOR is a <u>legal entity</u> complete the following information
Туре	or print the name of the above person authorized to sign on behalf of ASSIGNOR
—— Titl∈	
	Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be

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___Notarization of Legalization Page Added.

RECORDED: 12/13/2017