PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yuchen Zhou	11/22/2010
Kunliang Zhang	11/19/2010
Pokang Wang	11/22/2010
Joe Smyth	11/21/2010

RECEIVING PARTY DATA

Name:	Headway Technologies, Inc.
Street Address:	678 S. Hillview Drive
City:	Milpitas
State/Country:	CALIFORNIA
Postal Code:	95035

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12928194

CORRESPONDENCE DATA

Fax Number: (845)471-2064

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 845-452-5863

Email: cathys@saileackerman.com

Correspondent Name: Saile Ackerman LLC
Address Line 1: 28 Davis Avenue

Address Line 4: Poughkeepsie, NEW YORK 12603

ATTORNEY DOCKET NUMBER: HT10-009

NAME OF SUBMITTER: Stephen B Ackerman

Total Attachments: 4 source=HT10-009#page1.tif

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	For U.S. and/or Foreign Rights
HT10-009	For X Application or U.S. Patent
	By X Inventor(s) or x Present Owner
ASSIGNMEN	T OF INVENTION
	15 (A 2010 NOD of the pages of One Delley (\$4.00)
in consideration of the payment by ASSIGNE the receipt of which is hereby acknowledged, ASSIGNOR:	E to ASSIGNOR of the sum of One Dollar (\$1.00), and for other good and valuable consideration,
YUCHEN ZHOU Type or print name of ASSIGNOR	KUNLIANG ZHANG
	Type or print name of ASSIGNOR
2245 Samaritan Dv Address	Address
San Jose, (A 95124	
P. R. China Nationality	
Nationality	Nationality
POKANG WANG	JOE SMYTH
Type or print name of ASSIGNOR	Type or print name of ASSIGNOR
Address	Address
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 repres	entatives of the ASSIGNEE
(complete one of the following)	
the entire right, title and interest	
•	rest for the United States and its territorial
possessions	no winded and also to be as a larger to
and in all foreign countries	gn rights are also to be assigned)

in and to any and all improvements which are disclosed in the invention entitled: Field Tunable Spin Torque Oscillator For RF Signal Generation

	For U.S. and/or Foreign Rights
HT10-009	For X Application or X U.S. Patent
	By x Inventor(s) or x Present Owner
ASSIGNMEN	T OF INVENTION
	E to ASSIGNOR of the sum of One Dollar (\$1.00), and for other good and valuable consideration,
YUCHEN ZHOU	KUNI IANG ZHANG
Type or print name of ASSIGNOR	KUNLIANG ZHANG Type or print name of ASSIGNOR
	46068 PASED PADRE PRUY
Address	Francost, CA 94539
	P. R. CHENT
Nationality	Nationality
POKANG WANG Type or print name of ASSIGNOR	JOE SMYTH Type or print name of ASSIGNOR
Type or print name of ASSIGNOR	
Address Address	Address
los Altos (A 34024	Apres CA 950/3
1 XX	u.S.
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 repres	entatives of the ASSIGNEE
(complete one of the following)	
x the entire right, title and interest	
an undivided percent (%) inter	est for the United States and its territorial
possessions	
(check the following box/f foreign and in all foreign countries	in rights are also to be assigned)
in and to any and all improvements which are Field Tunable Spin Torque Oscillator For I	

and '	d which is found in	
x	(a) U.S. patent application executed on even date her	rewith
Ī	(b) U.S. patent application executed on	
П	(c) U.S. application serial no.	filed on
	(d) U.S. patent no(also check (e) if foreign ap	issued oplication(s) is also being assigned)
x	(e) and any legal equivalent thereof in a foreign count	y, including the right to claim priority
conti	d, in and to, all Letters Patent to be obtained for saintinuation, division, renewal, or substitute, thereof, a amination thereof.	
will b	ASSIGNOR hereby covenants that no assignment, so be made or entered into which would conflict with this a	. •
may or p repre and may	ASSIGNOR further covenants that ASSIGNEE will, urtinent facts and documents relating to said invention and by be known and accessible to ASSIGNOR and will testing proceeding related thereto and will promptly executes extractives any and all papers, instruments or affidavited enforce said application, said invention and said Lettery be necessary or desirable to carry out the purposes the WITNESS WHEREOF, I / We have signed	d said Letters Patent and legal equivalents as fy as to the same in any interference, litigation ate and deliver to ASSIGNEE or its legal is required to apply for, obtain, maintain, issue hers Patent and said equivalents thereof which
WAF	ARNING Date of signing must be the same as the date of execution	of the application if item (a) was checked above.
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If AS	ASSIGNOR is a <u>legal entity</u> complete the following in	formation
Type	e or print the name of the above person authorized to sign on be	chalf of ASSIGNOR
Title		
	Note: No witnessing, notarization or legalization is necessary, if prima facie evidence (35 USC 261). Use next page if notarization is d	the assignment is notarized or legalized then it will only be exired.

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___Notarization of Legalization Page Added.

x (a) U.S. patent application exec	cuted on even date nerewith	
(b) U.S. patent application exec	cuted on	
(c) U.S. application serial no.	filed on	
(d) U.S. patent no.	issuedissuedissuedissuedissuedis also being assign	
	ereof in a foreign country, including the right to claim	
·	to be obtained for said invention by the above a substitute, thereof, and as to letters patent an	
ASSIGNOR hereby covenants will be made or entered into which we	that no assignment, sale, agreement or encumbrould conflict with this assignment.	ance has be <u>e</u> n c
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