#### 505266536 01/08/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
WENYU CHEN	11/15/2018
SHOHEI KAWASAKI	11/20/2018
TETSUYA ROPPONGI	11/26/2018
YAN WU	11/20/2018

# **RECEIVING PARTY DATA**

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State/Country:	CALIFORNIA	
Postal Code:	95035	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16209151

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	HT18-021	
NAME OF SUBMITTER:	STEPHEN B ACKERMAN	
SIGNATURE:	/Stephen B Ackerman/	
DATE SIGNED:	01/08/2019	

**Total Attachments: 2** 

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> **PATENT REEL: 047925 FRAME: 0689** 505266536

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HT18-021	_
	For U.S. and/or 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 ASSIGNE receipt of which is hereby acknowledged, and ASSIGNOR:	EE to ASSIGNOR of the sum of One Dollar (\$1.00), the d for other good and valuable consideration,
Wenyu Chen Type or print name of ASSIGNOR  2642 Villa Cortona Way Street Address  San Jose, CA 951X5  City, State, Country, Zip  Nationality	Shohei Kawasaki Type or print name of ASSIGNOR  8/5 Londondewy Dv  Street Address  Sunny vale , CA 94087  City, State, Country, Zip  Tapan  Nationality
Tetsuya Roppongi Type or print name of ASSIGNOR 3473 North First Street Street Address San Jose, CA 95134 City, State, Country, Zip  Tapam Nationality hereby sells, assigns and transfers to	Yan Wu Type or print name of ASSIGNOR  219 A Clerbrook Ln  Street Address  City, Stafe, Country, Zip  Nationality
ASSIGNEE:  Headway Technologies, Inc. 678 S. Hillview Drive Milpitas, CA 95035 USA Nationality	
and the successors, assigns and legal representation (complete one of the following)  [X] the entire right, title and interest	sentatives of the ASSIGNEE
	rest for the United States and its territorial possessions gn rights are also to be assigned)
in and to any and all improvements which are	disclosed in the invention entitled:

Magnetic Flux Guiding Device with Antiferromagnetically Coupled (AFC) Spin Polarizer in Oscillator Application

**PATENT REEL: 047925 FRAME: 0690**  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.

Signature of ASSIGNOR

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Signature of ASSIGNOT

Signature of ASSIGNOR

Date of Signing

11/20/20/8

Date of Signing

Date of Signing

Date of Signing

PATENT REEL: 047925 FRAME: 0691

**RECORDED: 01/08/2019**