PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUHUI TANG	01/15/2020
YING LIU	01/18/2020
TAKEO KAGAMI	01/21/2020
MEI KI YEUNG	01/21/2020
SUI YAN CHAN	01/21/2020

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:	16781358

CORRESPONDENCE DATA

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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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ATTORNEY DOCKET NUMBER:	HT17-017
NAME OF SUBMITTER:	STEPHEN B ACKERMAN
SIGNATURE:	/Stephen B Ackerman/
DATE SIGNED:	02/26/2020

Total Attachments: 4

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PATENT REEL: 051930 FRAME: 0954

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HT17-017	
	For U.S. and/or Foreign Rights
	[]
	For X Application or U.S. Patent
	By X Inventor(s) or Present Owner
ASSIGNMEN	IT 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,
Yuhui Tang Type or print name of ASSIGNOR 281 Wasdon of Way Street Address Millipitas, CA 21575 U.S.A. City, State, Country, Zip China Nationality	Ying Liu Type or print name of ASSIGNOR 1242 Gehring Ava Street Address San Josa CA, 74132 City, State, Country, Zip Chill MA Nationality
Takeo Kagami Type or print name of ASSIGNOR 150-8 Maga Toro Saku-Shi Street Address Was and Japan 385-002/ City, State, Country, Zip Japanese Nationality hereby sells, assigns and transfers to ASSIGNEE:	Mei Ki Yeung Type or print name of ASSIGNOR Room 1763, KWAI LUN HOUSE, Street Address SIU LUN COURT, THEN MAN, N.T., HONG KANG City, State, Country, Zip CHIAA Nationality
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 on rights are also to be assigned)
x and in all foreign countries	
in and to any and all improvements which are Circuits and Methods for Modifying the Write	disclosed in the invention entitled: <u>Current Wayeform to Improve Track Density in HDD</u>

HT17-017	For For By	X U.S. and/or Application or Inventor(s) or	Foreign Rights U.S. Patent Present Owner
ASSIGNMEN	r of	INVENTION	
In consideration of the payment by ASSIGNEE receipt of which is hereby acknowledged, and			
ASSIGNOR:			
Sui Yan Chan Type or print name of ASSIGNOR Room 3502, Ting Tung House, Street Address Ning Tung Court, Kwai Chung, K.I., Hong Kong City, State, Country, Zip China 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	ntative	es of the ASSIGNE	E
(complete one of the following) X the entire right, title and interest	n right	s are also to be as:	signed)
Circuits and Methods for Modifying the Write C			

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and	which is found in			
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$\bar{\Box}$	(c) U.S. application serial no.	filed on		
	(d) U.S. patent no	issued reign application(s) is also being assigned)		
x	(e) and any legal equivalent thereof in a foreign	country, including the right to claim priority		
cont		for said invention by the above application or any reof, and as to letters patent any re-issue or re-		
will b	ASSIGNOR hereby covenants that no assignment of the made or entered into which would conflict with	ment, sale, agreement or encumbrance has been or this assignment.		
may or p repre and	nent facts and documents relating to said invent be known and accessible to ASSIGNOR and w roceeding related thereto and will promptly esentatives any and all papers, instruments or a	will, upon its request, be provided promptly with all ion and said Letters Patent and legal equivalents as ill testify as to the same in any interference, litigation execute and deliver to ASSIGNEE or its legal iffidavits required to apply for, obtain, maintain, issue id Letters Patent and said equivalents thereof which sees thereof.		
ΝN	ITNESS WHEREOF, I / We have signed			
ΝAF	RNING Date of signing must be the same as the date of ex	xecution of the application if item (a) was checked above.		
A PARTICION AND AND AND AND AND AND AND AND AND AN		01- (5- 30 30) Date of Signing		
Signa	ture of ASSIGNOR	Date of Signing		

01-15 - 2020 Date of Signing

0/-2/-2020 Date of Signing

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Signature of ASSIGNOR

Signature of ASSIGNOR

R Hages C Signature of ASSIGNOR

Signature of ASSIGNOR

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RECORDED: 02/26/2020

and which is found in (a) U.S. patent application executed on even date herewith (b) U.S. patent application executed on (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 any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or reexamination 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. 01 - 11 - 20 >0 Date of Signing