

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hironori ARAKI	03/09/2020
Yoshitaka SASAKI	03/09/2020
Hiroyuki ITO	03/09/2020
Yoji NOMURA	03/09/2020
Shigeki TANEMURA	03/09/2020
Kazuki SATO	03/09/2020
Tetsuya ROPPOGI	03/09/2020
Atsushi YAMAGUCHI	03/09/2020
RECEIVING PARTY DATA	
Name:	Headway Technologies, Inc.
Street Address:	678 S. Hillview Dr.
City:	Milpitas, CA
State/Country:	U.S.A.
Postal Code:	95035
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16801399
CORRESPONDENCE DATA	
Fax Number:	(703)836-2787
<i>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.</i>	
Phone:	703-836-6400
Email:	email@oliff.com
Correspondent Name:	JAMES A. OLIFF
Address Line 1:	OLIFF PLC
Address Line 2:	P.O. BOX 320850
Address Line 4:	ALEXANDRIA, VIRGINIA 22320-4850
ATTORNEY DOCKET NUMBER:	191048
NAME OF SUBMITTER:	NAHOME MEKONNEN
SIGNATURE:	/Nahome Mekonnen/ for James Oliff

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DATE SIGNED:	04/22/2020
Total Attachments: 1 source=7389729_1#page1.tif	

ASSIGNMENT

Insert	(1)	Hironori ARAKI	(2)	Yoshitaka SASAKI
(1-8) Legal Name(s)	(3)	Hiroyuki ITO	(4)	Yoji NOMURA
of Inventor(s)	(5)	Shigeki TANEMURA	(6)	Kazuki SATO
	(7)	Tetsuya ROPPONGI	(8)	Atsushi YAMAGUCHI

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee	(9)	Headway Technologies, Inc.
(10) Insert Address of Assignee	(10)	678 S. Hillview Dr., Milpitas, CA 95035 U.S.A.

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	MAGNETIC HEAD INCLUDING SPIN TORQUE OSCILLATOR AND MANUFACTURING METHOD FOR THE SAME
		(Attorney Docket No. <u>191048</u>), filed on even date herewith or as

(12) Alternative Identification for filed applications	(12)	U.S. Application Number <u>16/801,399</u>
		filed <u>February 26, 2020</u>

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>3/9/20</u>	Inventor Signature	<u>Hironori Araki</u>	(SEAL)
Date	<u>3/9/20</u>	Inventor Signature	<u>Yoshiaki Sasaki</u>	(SEAL)
Date	<u>3/9/20</u>	Inventor Signature	<u>Hiroyuki Ito</u>	(SEAL)
Date	<u>3/9/20</u>	Inventor Signature	<u>Yoji Nomura</u>	(SEAL)
Date	<u>3/9/20</u>	Inventor Signature	<u>Shigeki Tanemura</u>	(SEAL)
Date	<u>3/9/20</u>	Inventor Signature	<u>Kazuki Sato</u>	(SEAL)
Date	<u>3/9/20</u>	Inventor Signature	<u>Tetsuya Roppongi</u>	(SEAL)
Date	<u>3/9/20</u>	Inventor Signature	<u>Atsushi Yamaguchi</u>	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	_____	Witness	_____
Date	_____	Witness	_____

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