10/22/2014 503030074

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3076674

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yoshitaka SASAKI	09/29/2014
Hiroyuki ITO	09/29/2014
Kazuki SATO	09/29/2014
Yukinori IKEGAWA	09/29/2014
Seiichiro TOMITA	09/29/2014
Hideo MAMIYA	09/29/2014

RECEIVING PARTY DATA

Name:	HEADWAY TECHNOLOGIES, INC.		
Street Address:	678 S. HILLVIEW DR.		
City:	MILPITAS		
State/Country:	CALIFORNIA		
Postal Code:	95035		

PROPERTY NUMBERS Total: 1

Property Type	Number			
Application Number:	14475090			

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

Phone: 703-836-6400 Email: email@oliff.com JAMES A. OLIFF **Correspondent Name:** Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	162952
NAME OF SUBMITTER:	COURTNEY FISHER
SIGNATURE:	/Courtney Fisher/ for James A. Oliff
DATE SIGNED:	10/22/2014

Total Attachments: 1

REEL: 034008 FRAME: 0783 503030074

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PATENT REEL: 034008 FRAME: 0784

ASSIGNMENT

	Insert	(1)	Yoshitaka SASAKI	(2)	Hiroyuki ITO		
(1-8)	Legal Name(s)	(3)	Kazuki SATO	((4)	Yukinori IKEGAWA		
	of laventor(s)	(5)	Sciichiro TOMITA	((6)	Hideo MAMIYA		
		(7)		(8)			
		the un		ficiency of which	are I	r good and valuable consideration paid to each of screby acknowledged, each undersigned agrees to		
(9)	n Insert Name of (9) Headway Technologies, Inc.							
(18)	Insert Address of Assignee	ss of (10) 678 S. Hillview Dr., Milpitas, CA 95035 U.S.A.						
		the ent invent contin	ire right, title and interest for ion, and in all applications for	the United States patent including and reissue appl	of A any licati	irs, successors, assigns and legal representatives, unerica as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as		
(H)	Insert Identification such as Title, Case	(11)	THERMALLY-AS	SISTED MA	GN	ETIC RECORDING HEAD		
	Number, or Foreign Application Number		INCLUDING A HEAT SINK					
		(Attor	ney Docket No. 162952), filed	on a	even date herewith or as		
(12)	Alternative	(12)	U.S. Application Number	14/475,090				
	Identification for			***************************************				
	filed applications	filed	September 2, 2014					
	1) Fach undersioned sore	es to even	ote all napers necessary in co	annection with an	v an	olication and/or astent for the invention and also		

 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,

RECORDED: 10/22/2014

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.

	la witness whereo	f, execu	ted by the unc	dersigned on the date(s) op	posite the undersigned name(s).	proc.
Date	September	29,	2014	Inventor Signature	Joshitut Safala	(SEAL)
Date	September	29,	2014	Inventor Signature	1st for	(SEAL)
Date	September	29,	2014	Inventor Signature	Poznki Sato	(SEAL)
Date	September	29,	2014	Inventor Signature	yehir flave	(SEAL)
Date	September	29,	2014	Inventor Signature	<u> </u>	(SEAL)
Date	September	29,	2014	Inventor Signature	Many	(SEAL)
Date	***************************************			Inventor Signature		(SEAL)
Date				Inventor Signature		(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. It neither, then it should be signed before at least two witnesses who also sign here:						
Date	September	29,	2014	_ Witness _	Hundro	
Date	September	29,	2014	. Witness _	Katanî lokize	

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REEL: 034008 FRAME: 0785