Atty Docket No.: 271199US2X

FORM PTO-1595 8/225





DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the and 73

ents or copy thereof.

Name: 1) HEADWAY TECHNOLOGIES, INC. 2) SAE MAGNETICS (H.K.) LTD. Address: 1) 678 S. Hillview Dr. Milpitas, CA 95035,
U.S.A. 2) SAE Technology Centre, 6 Science Park East
Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong
Additional name(s) and address(es) attached? Yes No
pplication
B. Patent No.(s)
mbers attached? 🔲 Yes 🔳 No
6. Total applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed □ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)
OT USE THIS SPACE
information is true and correct and any attached copy is a true
Signature AUG 2 2 2005 Date
ration No. 34,423
ges including this cover sheet: 5
09/23/5005_SDEH2012-06000178-11109671
not detach this portion 81 FC:8821 48.88 05
The state of the s

Director of the United States Patent and Trademark Office Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

> PATENT REEL: 016909 FRAME: 0836

Assignment of Application

Page 1 of 2

	WHEREAS, I (WE) (1) Yoshitaka SASAKI of c/o Headway Technologies, Inc., 678 S. Hillview Dr. Milpitas,
SERT NAMES ND RESIDENCE	CA 95035, U. S. A.
DORESS OF IE INVENTORS:	(2) Takehiro KAMIGAMA of c/o SAE Magnetics (H.K.) Ltd., SAE Technology Centre,
	6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong.
	(3) Tatsushi SHIMIZU of c/o SAE Magnetics (H.K.) Ltd., SAE Technology Centre,
	6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong.
	, respectively,
SERT TITLE INVENTION:	have invented certain new and useful improvements in:
	"THIN FILM MAGNETIC HEAD AND MANUFACTURING METHOD THEREOF"
SERT DATE IN- NTORS SIGNED SCLARATION:	for which an application for Letters Patent was executed on July 19, 2005
	(Application No. 11/109,671 , filed April 20, 2005), and
ERT NAME D ADDRESS OF MPANY OR HER ASSIGNEE	WHEREAS, (1) Headway Technologies, Inc. (2) SAE Magnetics (H.K.) Ltd.
	(hereinafter referred to as "ASSIGNEE") having a place of business at: (1) 678 S. Hillview Dr. Milpitas, CA 95035,
	U.S.A.(2)SAE Technology Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date:	July 19, 2005	Hostitato Sasula			
		(Signature of Inventor)	Yoshitaka SASAKI	_	
Date:				_	
		(Signature of Inventor)	Takehiro KAMIGAMA		
Date:					
· · ·		(Signature of Inventor)	Tatsuhi SHIMIZU		
Date:		<u></u>			
		(Signature of Inventor)			
Date:		-,		_	
		(Signature of Inventor)			
Date:					
-		(Signature of Inventor)			
Date: _					
		(Signature of Inventor)			
Date: _					
		(Signature of Inventor)			

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

PATENT REEL: 016909 FRAME: 0838

Assignment of Application

Page 1 of 2

w	HEREAS, I (WE)	(1) Yoshitaka SA	ASAKI of c/o	Headway Technolo	gies, Inc., 678 S. Hillvie	w Dr. Milpitas,
MES DENCE		CA 95035, U. S.	Α			
OF FTORS:	(2) Takehiro KAMIGAMA of c/o SAE Magnetics (H.K.) Ltd., SAE Technology Centre,					
		6 Science Park F	ast Avenue, H	Iong Kong Science	Park, Shatin, N.T., Hon	g Kong.
		(3) Tatsushi SHI	MIZU of c/o	SAE Magnetics (H.	K.) Ltd., SAE Technolo	gy Centre,
		6 Science Park F	ast Avenue, H	Iong Kong Science	Park, Shatin, N.T., Hon	g Kong.
					· · · · · · · · · · · · · · · · · · ·	
_						, respectively,
— ha	ve invented certain	new and useful impr	ovements in:			, respectively,
		GNETIC HEAD AND	-	TURING METHO	D THEREOF"	
		tion for Letters Patent				
	pplication No.			filed April 20, 20), and
	WHEREAS,_	(1) Headway Techno	logies, Inc. (2) SAE Magnetics	(H.K.) Ltd.	
(h	(hereinafter referred to as "ASSIGNEE") having a place of business at: (1) 678 S. Hillview Dr. Milpitas, CA 95035,					
U	J.S.A.(2)SAE Tech	nology Centre, 6 Scie	nce Park East	Avenue, Hong Kon	ng Science Park, Shatin,	N.T., Hong Kong
	•				ntion and in and to any and in any and all foreig	

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

03/03

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which 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.

Date:			
		(Signature of Inventor)	Yoshitaka SASAKI
Date:	July 19, 2005		
	T 1 10 000	(Signature of Inventor)	Takehiro KAMIGAMA
Date:	July 19, 2005	(Signature of Inventor)	latt
		(Signature of Inventor)	Tatsuhi SHIMIZU Tatsushi SHIMIZU
Date:		(Signature of Inventor)	
		(-2	
Date:		(Signature of Inventor)	
Data			
Date: _	****	(Signature of Inventor)	
Date:			
Duit. _		(Signature of Inventor)	
Date:			
_		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

03/03

RECORDED: 08/22/2005

PATENT REEL: 016909 FRAME: 0840