01/17/2019 505283417

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5330191

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKASHI HONDA	01/10/2019
RYO HOSOI	01/11/2019
WAH CHUN CHAN	01/10/2019
MAKOTO KAWATO	01/11/2019
DAYU ZHOU	01/09/2019
KOJI SHIMAZAWA	01/09/2019
KOWANG LIU	01/09/2019

RECEIVING PARTY DATA

SAE MAGNETICS (H.K.) LTD.
SAE TECHNOLOGY CENTRE
6 SCIENCE PARK EAST AVENUE, HONG KONG SCIENCE PARK, SHATIN, N.T.
HONG KONG
CHINA
HEADWAY TECHNOLOGIES, INC.
682 SOUTH HILLVIEW DRIVE
MILPITAS
CALIFORNIA
95035

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16250131

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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: 703-816-4000

PTOMAIL@nixonvan.com Email: **Correspondent Name:** JOSEPH S. PRESTA

Address Line 1: NIXON & VANDERHYE, PC

REEL: 048046 FRAME: 0673 505283417

PATENT

Address Line 2: Address Line 4:	901 NORTH GLEBE ROAD, 11TH FLOOR ARLINGTON, VIRGINIA 22203			
ATTORNEY DOCKET NUMBER:		JSP-4593-496		
NAME OF SUBMITTER:		JOSEPH S. PRESTA		
SIGNATURE:		/JOSEPH S. PRESTA/		
DATE SIGNED:		01/17/2019		
		This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 7

source=4593-496_DECLARATION-ASSIGNMENT#page1.tif source=4593-496_DECLARATION-ASSIGNMENT#page2.tif source=4593-496_DECLARATION-ASSIGNMENT#page3.tif source=4593-496_DECLARATION-ASSIGNMENT#page4.tif source=4593-496_DECLARATION-ASSIGNMENT#page5.tif source=4593-496_DECLARATION-ASSIGNMENT#page6.tif source=4593-496_DECLARATION-ASSIGNMENT#page7.tif

PATENT REEL: 048046 FRAME: 0674

		,
	Attorney Docket Number	JSP-4593-496
	First Named Inventor	HONDA, Takashi
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTI USING AN APPLICATION DO DECLARATION Submitted With Initial Filing		APPLICATION (37 CFR 1.63)
OR		
Declaration Submitted After Initial Filing (surcharge (37 C.F	F.R. § 1.16(f)) required)	
LIGHT SOURCE UNIT AND THERMALLY-ASSISTE	D MAGNETIC HEAD	
(Title of the)	nvention)	
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
★ the attached application, or ★ the attached application, or ★ the attached application is the attached application or ★ the attached application is the attached application is the attached application is the attached application.		
United States Application Number To Be Assigned filed, or	F	
PCT International application number filed on .		
	•	
The above-identified application was made or authorized to be made		
believe I am the original inventor or an original joint inventor of a clair	med invention in the application	· Parking Alleria
I hereby acknowledge that any willful false statement made in this dec by fine or imprisonment of not more than five (5) years, or both.	claration is punishable under 18	U.S.C. 1001
MHEREAS, the undersigned (hereinafter ASSIGNOR), has made an	invention in the Application iden	tified above.
Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shati Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office 95035, US, is desirous of acquiring an interest therein;	in, N.T., Hong Kong, People's R	
Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office 35035, US, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or of which are hereby acknowledged, the said ASSIGNOR by these pre ASSIGNEE, its successors, assigns, and legal representatives, ASSIA America and all foreign countries, in and to the invention as described subsequent applications based thereon including any and all continual all resulting patients, together with the right of priority under the Interestion Convention Relating to Patents, Designs and Industrial Mod States of America adheres, and the ASSIGNOR hereby authorizes are said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its signeed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have rej	in, N.T., Hong Kong, People's Re and place of business at 682 sother good and valuable considuresents hereby sells, assigns, and GNOR'S entire right, title and into in the aforesaid application, and itions, divisions, reissues, and sustainal Convention for the Protected, and any other international or requests the Commissioner ourcessors, assigns, and legal re	epublic of China, and Headway South Hillview Drive, Milpitas, CA eration, the receipt and sufficience I transfers unto the said erest in the United States of d to the said application and to all utstitutes of said application, and ction of Industrial Property, Interagreements to which the United of Patents and Trademarks to issuppresentatives. It is understood a
Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office 35035, US, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or of which are hereby acknowledged, the said ASSIGNOR by these pre ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors assigns, and to the invention as described subsequent applications based thereon including any and all continual all resulting patents, together with the right of priority under the Interest American Convention Relating to Patents, Designs and Industrial Mostates of America adheres, and the ASSIGNOR hereby authorizes are said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its suggreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have rej ASSIGNOR hereby agrees to transfer a like interest upon request of strepresentatives, and without further remuneration, in and to any improve	in, N.T., Hong Kong, People's Re and place of business at 682 Souther good and valuable considirations are sents hereby selfs, assigns, and GNOR'S entire right, title and into the aforesaid application, and tions, divisions, reissues, and stational Convention for the Protectels, and any other international or requests the Commissioner of uccessors, assigns, and legal represented only ASSIGNEE and staid ASSIGNEE, its successors, assigns, assigns.	epublic of China, and Headway South Hillview Drive, Milpitas, CA eration, the receipt and sufficience I transfers unto the said erest in the United States of d to the said application and to all ubstitutes of said application, and ction of Industrial Property, Interagreements to which the United of Patents and Trademarks to issuit presentatives. It is understood as will continue to represent only assigns, and legal
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Fechnologies, Inc. (hereinafter ASSIGNEE), an entity, having an office 35035, US, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or of which are hereby acknowledged, the said ASSIGNOR by these pre ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors assigns, and to the invention as described subsequent applications based thereon including any and all continual all resulting patients, together with the right of priority under the International Convention Relating to Patients, Designs and Industrial More States of America adheres, and the ASSIGNOR hereby authorizes are acid Letters Patient to ASSIGNEE, for its interest as ASSIGNEE, its stagged that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNOR hereby agrees to transfer a like interest upon request of representatives, and without further remuneration, in and to any impropriate the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its to ASSIGNEE's full protection and title in and to the invention hereby ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without	in, N.T., Hong Kong, People's Re and place of business at 682 Souther good and valuable considersents hereby selfs, assigns, and GNOR'S entire right, title and into I in the aforesaid application, andions, divisions, reissues, and stational Convention for the Protecteds, and any other international ad requests the Commissioner our occessors, assigns, and legal represented only ASSIGNEE and staid ASSIGNEE, its successors, overnents, and applications for purchasely and applications for purchasely and further remuneration, to execute	epublic of China, and Headway South Hillview Drive, Milpitas, CA eration, the receipt and sufficience I transfers unto the said erest in the United States of d to the said application and to al ubstitutes of said application, and ction of Industrial Property, Inter- agreements to which the United f Patents and Trademarks to issue presentatives. It is understood at will continue to represent only assigns, and legal atents based thereon, growing of representatives, deemed essential earny and all papers desired by
Fechnologies, Inc. (hereinafter ASSIGNEE), an entity, having an office 35035, US, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or of which are hereby acknowledged, the said ASSIGNOR by these pre ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors assigns, and to the invention as described subsequent applications based thereon including any and all continual all resulting patents, together with the right of priority under the Interestion Convention Relating to Patents, Designs and Industrial Modern American Convention Relating to Patents, Designs and Industrial Modern Patent to ASSIGNEE, for its interest as ASSIGNEE, its signed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have repassioned that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have repassioned that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have repassioned that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have repassioned that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have repassioned that ASSIGNEE and without further remuneration, in and to any impropriate or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its to ASSIGNEE'S full protection and title in and to the invention hereby ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without ASSIGNEE, for the filing and granting of foreign applications and the	in, N.T., Hong Kong, People's Re and place of business at 682 Souther good and valuable considersents hereby selfs, assigns, and GNOR'S entire right, title and into I in the aforesaid application, andions, divisions, reissues, and stational Convention for the Protecteds, and any other international ad requests the Commissioner our occessors, assigns, and legal represented only ASSIGNEE and staid ASSIGNEE, its successors, overnents, and applications for purchasely and applications for purchasely and further remuneration, to execute	epublic of China, and Headway South Hillview Drive, Milpitas, CA eration, the receipt and sufficience I transfers unto the said erest in the United States of d to the said application and to al ubstitutes of said application, and ction of Industrial Property, Inter- agreements to which the United f Patents and Trademarks to issue presentatives. It is understood at will continue to represent only assigns, and legal atents based thereon, growing of representatives, deemed essential earny and all papers desired by
Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office 35035, US, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or-of which are hereby acknowledged, the said ASSIGNOR by these pre ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, and all foreign countries, in and to the invention as described subsequent applications based thereon including any and all continual all resulting patents, together with the right of priority under the International Convention Relating to Patents, Designs and Industrial Mostates of American Convention Relating to Patents, Designs and Industrial Mostates of America adheres, and the ASSIGNOR hereby authorizes are passed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have repassed that ASSIGNEE with respect to this invention; ASSIGNOR hereby agrees to transfer a like interest upon request of strepresentatives, and without further remuneration, in and to any improprior or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its to ASSIGNEE's full protection and title in and to the invention hereby ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without ASSIGNEE, for the filing and granting of foreign applications and the ASSIGNEE and accuted as noted below:	in, N.T., Hong Kong, People's Re and place of business at 682 Souther good and valuable considersents hereby selfs, assigns, and GNOR'S entire right, title and into I in the aforesaid application, andions, divisions, reissues, and stational Convention for the Protecteds, and any other international ad requests the Commissioner our occessors, assigns, and legal represented only ASSIGNEE and staid ASSIGNEE, its successors, overnents, and applications for purchasely and applications for purchasely and further remuneration, to execute	epublic of China, and Headway South Hillview Drive, Milpitas, CA, eration, the receipt and sufficience I transfers unto the said erest in the United States of d to the said application and to al ubstitutes of said application, and ction of Industrial Property. Inter- agreements to which the United if Patents and Trademarks to issu presentatives. It is understood at will continue to represent only assigns, and legal atents based thereon, growing of representatives, deemed essentia e any and all papers desired by
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Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office	in, N.T., Hong Kong, People's Re and place of business at 682 sother good and valuable considiresents hereby sells, assigns, and GNOR'S entire right, title and into the aforesaid application, and intons, divisions, reissues, and significant Convention for the Protectes, and any other international and requests the Commissioner of processors, assigns, and legal represented only ASSIGNEE and stransferred; and applications for processors, assigns, and legal represented and further remuneration, to execute perfecting of title thereto in ASS	epublic of China, and Headway South Hillview Drive, Milpitas, CA, cration, the receipt and sufficiency of transfers unto the said erest in the United States of d to the said application and to all obstitutes of said application, and ction of Industrial Property, Interagreements to which the United of Patents and Trademarks to issu presentatives. It is understood at will continue to represent only assigns, and legal atents based thereon, growing our epresentatives, deemed essential any and all papers desired by

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Date:

Signature of witness:

Doc code: Oath Document Description:	Oath or declaration filed

Attorney Docket Number	JSP-4593-496	•••
First Named Inventor	HONDA, Takashi	

	m:		
	First Named Inventor	HONDA, Takashi	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)			
☑ Declaration Submitted With Initial Filing OR			
Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	§ 1.16(f)) required)		
LIGHT SOURCE UNIT AND THERMALLY-ASSISTED N	1971 - 100 (498)		
(Title of the Inven	tion)		
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
X the attached application, or			
United States Application Number To Be Assigned filed , or PCT International application number filed on			
The above-identified application was made or authorized to be made by n			
I believe I am the original inventor or an original joint inventor of a claimed			
I hereby acknowledge that any willful false statement made in this declaraby fine or imprisonment of not more than five (5) years, or both.	tion is punishable under 18	U.S.C. 1001	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inve	ntion in the Application iden	illied above	
WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), an entity	그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그 그		
Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office an 95035, US, is desirous of acquiring an interest therein;	I.T., Hong Kong, People's R	lepublic of China, and Headway	
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other of which are hereby acknowledged, the said ASSIGNOR by these present ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR America and all foreign countries, in and to the invention as described in the subsequent applications based thereon including any and all continuation all resulting patents, together with the right of priority under the Internation American Convention Relating to Patents, Designs and Industrial Models, States of America adheres, and the ASSIGNOR hereby authorizes and relating Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successing agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represent ASSIGNEE with respect to this invention;	is hereby sells, assigns, and in PR'S entire right, title and interpretation, and the aforesaid application, and s, divisions, reissues, and s lat Convention for the Prote and any other international quests the Commissioner of ssors, assigns, and legal re- lented only ASSIGNEE and	d transfers unto the said terest in the United States of d to the said application and to all ubstitutes of said application, and ction of Industrial Property, Interagreements to which the United of Patents and Trademarks to issue presentatives. It is understood and will continue to represent only	
ASSIGNOR hereby agrees to transfer a like interest upon request of said representatives, and without further remuneration, in and to any improven of or related to the said invention;			
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its success to ASSIGNEE'S full protection and title in and to the invention hereby trans		representatives, deemed essential	
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filing and granting of foreign applications and the perfu	ner remuneration, to execution of title thereto in ASS	e any and all papers desired by IGNEE	
AGREED and executed as noted below:			
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surnam			
Ryo	HOSOI		
Inventor's Signature: Ryo Hoso 1	Date: Jan	11, 2019	
Witnessed by:			
Name:			
Signature of witness:	Date:		

IWe acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Doc code: Oath Document Description: Oath or declaration filed **Attorney Docket Number** JSP-4593-496 First Named Inventor HONDA, Takashi INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) **USING AN APPLICATION DATA SHEET (37 CFR 1.76)** Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) LIGHT SOURCE UNIT AND THERMALLY-ASSISTED MAGNETIC HEAD (Title of the Invention) As a below named inventor, I hereby declare that: This declaration is directed to: the attached application, or United States Application Number To Be Assigned filed, or PCT International application number filed on The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), an entity, having an office and place of business at SAE Technology Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong, People's Republic of China, and Headway Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office and place of business at 682 South Hillview Drive, Milpitas, CA, 95035, US, is desirous of acquiring an interest therein: NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention: ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

CHAN

Date:

Date:

Wah Chun

Witnessed by: Name:

Inventor's Signature:

Signature of witness:

Document Description: Oath or declaration filed

Attorney Docket Number	JSP-4593-496	
First Named Inventor	HONDA Takashi	

	FIRST NBMED INVENTOR MUNICIA, 18KBSMI
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY USING AN APPLICATION DATA	
Declaration Submitted With Initial Filing OR	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	§ 1.16(f)) required)
LIGHT SOURCE UNIT AND THERMALLY-ASSISTED M.	AGNETIC HEAD
(Title of the invent	ion)
As a below named inventor, I hereby declare that:	•
This declaration is directed to: the attached application, or United States Application Number To Be Assigned filed , or PCT International application number filed on	
The above-identified application was made or authorized to be made by me	<u> </u>
I believe I am the original inventor or an original joint inventor of a claimed in	invention in the application.
I hereby acknowledge that any willful false statement made in this declarate by fine or imprisonment of not more than five (5) years, or both.	on is punishable under 18 U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inven	tion in the Application identified above.
WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), an entity, Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N. Technologies, Ins. (hereinafter ASSIGNEE), an entity, having an office and 95035, US, is desirous of acquiring an interest therein;	T., Hong Kong, People's Republic of China, and Headway
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other of which are hereby acknowledged, the said ASSIGNOR by these presents ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOF America and all foreign countries, in and to the invention as described in the subsequent applications based thereon including any and all continuations all resulting patents, together with the right of priority under the International American Convention Relating to Patents, Designs and Industrial Models, a States of America adheres, and the ASSIGNOR hereby authorizes and required Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successagreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represent ASSIGNEE with respect to this invention;	hereby sells, assigns, and transfers unto the said R'S entire right, title and interest in the United States of e aforesaid application, and to the said application and to all divisions, reissues, and substitutes of said application, and all Convention for the Protection of Industrial Property, Interest and any other international agreements to which the United puests the Commissioner of Patents and Trademarks to issue isors, assigns, and legal representatives. It is understood and
ASSIGNOR hereby agrees to transfer a like interest upon request of said A representatives, and without further remuneration, in and to any improvement of or related to the said invention;	
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its succe to ASSIGNEE'S full protection and title in and to the invention hereby trans	
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further ASSIGNEE, for the filing and granting of foreign applications and the perfer	
AGREED and executed as noted below:	
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname Makoto	(AWATO
Inventor's Signature: Kaman, Mak.to	Date: 1/1 Z=19
Witnessed by: Name:	
Signature of witness:	Date:

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Document Description: Oath or declaration filed

Attorney Docket Number JSP-4593-496

	First Named Inventor	HONDA, Takashi	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)			
☑ Declaration Submitted With Initial Filing OR			
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	1.16(f)) required)		
LIGHT SOURCE UNIT AND THERMALLY-ASSISTED M/	GNETIC HEAD		
(Title of the Invention	on)		
As a below named inventor, I hereby declare that:			
This declaration is directed to: ☑ the attached application, or ☑ United States Application Number To Be Assigned filed , or ☑ PCT International application number filed on			
The above-identified application was made or authorized to be made by me	•		
I believe I am the original inventor or an original joint inventor of a claimed in	vention in the application.		
I hereby acknowledge that any willful false statement made in this declaration by fine or imprisonment of not more than five (5) years, or both.	on is punishable under 18 U	J.S.C. 1001	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invent	ion in the Application identi	fied above.	
WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), an entity, I Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office and 95035, US, is desirous of acquiring an interest therein;	., Hong Kong, People's Re	public of China, and Headway	
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other of which are hereby acknowledged, the said ASSIGNOR by these presents ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR America and all foreign countries, in and to the invention as described in the subsequent applications based thereon including any and all continuations, all resulting patents, together with the right of priority under the International American Convention Relating to Patents, Designs and Industrial Models, a States of America adheres, and the ASSIGNOR hereby authorizes and requisal Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its success agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represent ASSIGNEE with respect to this invention;	hereby sells, assigns, and 'S entire right, title and inte aforesaid application, and divisions, reissues, and su Convention for the Protect and any other international a uests the Commissioner of cors, assigns, and legal rep	transfers unto the said rest in the United States of lot the said application and to all bstitutes of said application, and lion of Industrial Property, Interagreements to which the United Patents and Trademarks to issue resentatives. It is understood and	
ASSIGNOR hereby agrees to transfer a like interest upon request of said Al representatives, and without further remuneration, in and to any improveme of or related to the said invention;	SSIGNEE, its successors, and applications for pa	assigns, and legal itents based thereon, growing out	
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its succe to ASSIGNEE'S full protection and title in and to the invention hereby transfi		presentatives, deemed essential	
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furthe ASSIGNEE, for the filling and granting of foreign applications and the perfec			
AGREED and executed as noted below:			
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Dayu	ZHOU		
Inventor's Signature:	Date: 01/09/	12019	
Witnessed by: Name: Weary Chen			
Name: Wenyn Alm Signature of witness: A. Iller	Date: / 9 /	J2 / 9	

Document Description: Oath or declaration filed

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I believe I am the original inventor or an original joint inventor of a claimed invention in the application.			
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WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invent	on in the Application identif	ied above.	
WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), an entity, having an office and place of business at SAE Technology Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T., Hong Kong, People's Republic of China, and Headway Technologies, Inc. (hereinafter ASSIGNEE), an entity, having an office and place of business at 682 South Hillview Drive, Milpitas, CA, 95035, US, is desirous of acquiring an interest therein;			
NOW, THEREFORE, in consideration of Ten Dollars (\$10,00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;			
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;			
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and			
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.			
AGREED and executed as noted below:			
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	0.110.10.70.70.11.1		
Koji Inventor's,Signature:	SHIMAZAWA Date:	A**O	
/anghan	Jan-9	2017	
minimum distribution of the Liu			
Signature of witness:	Oate: 7/9/		

Document Description: Oath or declaration filed

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ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;				
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and				
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.				
AGREED and executed as noted below:				
Legal Name of Additional Joint Inventor, if any:				
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)				
Kowang Inventor's Signatura	LIU Date: Dillar			
	0/09/-	ا ۲۰۰۶		
Witnessed by:				
Name: Ying Jiu				
Signature of wilness:	Date: 0 / 0 / 2	20/9		
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