# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4823986

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RYO HOSOI	02/12/2018
TAKASHI HONDA	02/12/2018
SEIICHI TAKAYAMA	02/12/2018

### **RECEIVING PARTY DATA**

Name:	SAE MAGNETICS (H.K.) LTD.
Street Address:	SAE TECHNOLOGY CENTRE
Internal Address:	6 SCIENCE PARK EAST AVENUE, SHATIN NT
City:	HONG KONG
State/Country:	CHINA

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15892771

### **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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-816-4114
Email: sjg@nixonvan.com

Correspondent Name: NIXON & VANDERHYE PC
Address Line 1: 901 NORTH GLEBE ROAD

Address Line 2: 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	4593-484
NAME OF SUBMITTER:	JOSEPH S. PRESTA
SIGNATURE:	/Joseph S. Presta/
DATE SIGNED:	02/14/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

## **Total Attachments: 3**

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PATENT 504777257 REEL: 044922 FRAME: 0525

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PATENT REEL: 044922 FRAME: 0526

Document Description: Oath or declaration filed	Attorney Dockel Number	JSP-4593-484
	First Named Inventor	HOSOI, Ryo
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OF USING AN APPLICATION DATA S  Declaration Submitted With Initial Filing  Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §	HEET (37 CFR 1.76)	- 12-13-13-13-13-13-13-13-13-13-13-13-13-13-
LIGHT SOURCE UNIT AND THERM	ALLY-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 15/892,771 filed Fe PCT International application number filed on	ebruary 9, 2018, or	
The above-identified application was made or authorized to be made		
I believe I am the original inventor or an original joint inventor of a cla		
I hereby acknowledge that any willful false statement made in this do by fine or imprisonment of not more than five (5) years, or both.	eclaration is punishable under 18	U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an	n invention in the Application iden	itified above.
WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), an Centre, 6 Science Park East Avenue, Hong Kong Science Park, Sha acquiring an interest therein;	entity, having an office and place atin, N.T., Hong Kong, People's R	e of business at SAE Technology republic of China, is desirous of
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/o of which are hereby acknowledged, the said ASSIGNOR by these processors assigns, and legal representatives, ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNEE, in and to the invention as describe subsequent applications based thereon including any and all continually resulting patents, together with the right of priority under the Inter American Convention Relating to Patents, Designs and Industrial Mostates of America adheres, and the ASSIGNOR hereby authorizes a said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have reassigneed with respect to this invention;	resents hereby sells, assigns, and interpretation of the aforesaid application, and autions, divisions, reissues, and a national Convention for the Proteodels, and any other international and requests the Commissioner of successors, assigns, and legal reepresented only ASSIGNEE and	d transfers unto the said terest in the United States of id to the said application and to all ubstitutes of said application, and ction of industrial Property, Inter- i agreements to which the United if Patents and Trademarks to issui- presentatives. It is understood ar will continue to represent only
ASSIGNOR hereby agrees to transfer a like interest upon request of representatives, and without further remuneration, in and to any implicit related to the said invention;	f said ASSIGNEE, its successors rovements, and applications for p	, assigns, and legal vatents based thereon, growing ou
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its ASSIGNEE'S full protection and title in and to the invention hereb	y transferred; and	
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without ASSIGNEE, for the filing and granting of foreign applications and the	ut further remuneration, to execut a perfecting of title thereto in ASS	e any and all papers desired by IGNEE.
AGREED and executed as noted below:	NA CONTRACTOR CONTRACT	To the common where the second decimal are conferred and conferred conferred conferred to the conferred decimal conferred to the conferred t
LEGAL NAME OF INVENTOR/JOINT INVENTOR:	1216-724-1A	
(E.g., Given Name (first and middle (if any)) and Family Name or Su	nnane)	HOSOI
Ryo Inventor's Signature:	Date	4. 19 ye 756 S.A.1

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:

Inventor's Signature:

Signature of witness:

Witnessed by: Name:

Document Description: Oath or declaration filed	Address of Parish at Advanced and	1 1 2 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2
	Attorney Docket Number	JSP-4593-484
	First Named Inventor	HOSOI, Ryo
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY O  USING AN APPLICATION DATA SI  Declaration Submitted With Initial Filing OR  Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1))	HEET (37 CFR 1.76)	DN (37 CFR 1.63)
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☐ the attached application, or ☐ United States Application Number 15/892,771 filed Fe ☐ PCT International application number filed on	bruary 9, 2018, or	
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WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), an Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shat acquiring an interest therein;	entity, having an office and place of tin, N.T., Hong Kong, People's Rep	of business at SAE Technology public of China, is desirous of
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or of which are hereby acknowledged, the said ASSIGNOR by these pri ASSIGNEE, its successors, assigns, and legal representatives, ASSI America and all foreign countries, in and to the invention as describe subsequent applications based thereon including any and all continuall resulting patents, together with the right of priority under the International Convention Relating to Patents, Designs and Industrial Mo States of America adheres, and the ASSIGNOR hereby authorizes a said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its sagreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have re	esents hereby sells, assigns, and to IGNOR'S entire right, title and intered in the aforesaid application, and ations, divisions, reissues, and subnational Convention for the Protectionals, and any other international and requests the Commissioner of Fourcessors, assigns, and legal reprepensented only ASSIGNEE and with	ransfers unto the said 'est in the United States of to the said application and to all stitutes of said application, and on of Industrial Property, Intergreements to which the United Patents and Trademarks to issue esentatives. It is understood an il continue to represent only
ASSIGNOR hereby agrees to transfer a like interest upon request of representatives, and without further remuneration, in and to any impr of or related to the said invention;	said ASSIGNEE, its successors, a rovements, and applications for pat	ssigns, and legal ents based thereon, growing ou
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ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without ASSIGNEE, for the filing and granting of foreign applications and the	t further remuneration, to execute a perfecting of title thereto in ASSIG	any and all papers desired by INEE.
AGREED and executed as noted below:		riggerman i seperatura de la companio del la companio de la companio del la companio de la companio del la companio de la companio de la companio del la companio
Legal Name of Additional Joint Inventor, if any:	mame)	
(E.g., Given Name (first and middle (if any)) and harnly Name or our		
(E.g., Given Name (first and middle (if any)) and Family Name or Sur Takashi	Date: ,	HONDA

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

Name:

Signature of witness:

Doc code: Gath Document Description: Oath or declaration filed		
	Attorney Docket Number	JSP-4593-484
The second secon	First Named Inventor	HOSOI, Ryo
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OF USING AN APPLICATION DATA SH  □ Declaration Submitted With Initial Filing  OR  □ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	EET (37 CFR 1.76)	ON (37 CFH 1.63)
LIGHT SOURCE UNIT AND THERMA	LLY-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 15/292,771 filed Fel ☐ PCT International application number filed on	bruary 9, 2018, or	
The above-identified application was made or authorized to be made		
I believe I am the original inventor or an original joint inventor of a claim		
I hereby acknowledge that any willful false statement made in this de- by fine or imprisonment of not more than five (5) years, or both.	claration is punishable under 18	U.S.C. 1001
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WHEREAS, SAE Magnetics (H.K.) Ltd. (hereinafter ASSIGNEE), and Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shat acquiring an interest therein;	entity, having an office and place tin, N.T., Hong Kong, People's R	of business at SAE Technology epublic of China, is desirous of
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ASSIGNOR hereby agrees to transfer a like interest upon request of representatives, and without further remuneration, in and to any improof or related to the said invention;	said ASSiGNEE, its successors, overnents, and applications for p	assigns, and legal atents based thereon, growing ou
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ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without ASSIGNEE, for the filing and granting of foreign applications and the		
AGREED and executed as noted below:		and the second
Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Sun	nanai	
(E.g., Given Name (lirst and middle (ir any)) and namily Name of Sun	nemies)	TAKAYAMA
Inventor's Signature; 1 7 4	Date:	

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

PATENT REEL: 044922 FRAME: 0529

Feb. 12, 2018

Date:

Witnessed by: Name:

Signature of witness: