#### 03/13/2019 505373844

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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TAKASHI HONDA	03/11/2019
SEIICHI TAKAYAMA	03/11/2019

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City:	HONG KONG
State/Country:	HONG KONG

## **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	16282383		

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ATTORNEY DOCKET NUMBER:	SHIRAI-19005-USPT
NAME OF SUBMITTER:	CHARLES HO
SIGNATURE:	/Charles Ho/
DATE SIGNED:	03/13/2019

**Total Attachments: 3** 

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> **PATENT** REEL: 048591 FRAME: 0592 505373844

r							
ASSIGNMENT - Patent Application Docket Number: SHIRAI-19005-USPT							
Whereas, the Assignor, comprising the following named inventors:							
ASSIGNOR(s)/ INVENTOR(s)  Ryo Hosoi; Takashi Honda; and Selichi Takayama							
made an inventi	made an invention entitled: Light Source-Unit, Thermally Assisted Magnetic Head, Head Gimbal Assembly, and Hard Disk Drive						
for which an app (Select one of the		Letters Patent of the	United State	S;			
is exe	cuted conc	urrently herewith					
x was fi	led in the U	.S. Patent and Trade	mark Office o	on <u>02/22/2019</u>	b		
as U.S	S. Patent A	pplication Serial No.:		3	A COLUMN TO THE		
		SAE Magnetics (H	.K.) Ltd.				
ASSIGNEE (Full Name, Address and Country)  SAE Technology Centre, 6 Science Park East Avenue, Hong 1 Park, Shatin, N.T.					Hong Kong Science		
		Hong Kong		TELEVISION AND AND AND AND AND AND AND AND AND AN			
is desirous of ac obtained therefo	quiring our c,	entire right, title and	interest in an	d to said invention and the	Letters Patent to be		
One Dollar (\$1.0 acknowledged, / successors and for Letters Pater rights to claim pi	i0), and for Assignor, in assigns, th at for said in itority base	other good and value stending to be legally e full and exclusive ri evention, including all	able consider bound, hereb ight, title and divisions, co ters Patent, in	ssignee to Assignor of a su ation, the receipt of which i ry sells, assigns and transf interest in and to said inve ntinuations, and continuati ncluding reissues, to be ob responding thereto.	is hereby ers to Assignee, its ntion, all applications ons-in-part thereof, all		
		arrants that no assign would conflict with the		greement or encumbrance	has been or will be		
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.							
In witness whereof, this Assignment is executed on the day indicated below.							
The same of the sa	Typed o	r Printed Name	Si	gnature	Date		
SIGNATURE		yo Hosol	× Ry	o Hoso!	X Har/4/2019		

(SHIRAI-19005-USPT/00918057v1)

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ASSIGN	ASSIGNMENT - Patent Application Docket Number: SHIRAL-19005-USPT						
Whereas, the Assignor, comprising the following named inventors:							
ASSIGNOR(s)/ INVENTOR(s)							
made an inventio	n entitled:	<u>Light Source-Uni</u> Assembly, and H		Assisted Magnetic Hear	1, Head Gimbal		
for which an appl (Select one of the t	ication for following):	Letters Patent of the	United State	s:	-		
is exec	uted conc	urrently herewith					
X was file	ed in the U	.S. Patent and Trade	emark Office	on 02/22/2019	<sup>3</sup>		
as U.S	. Patent A	oplication Serial No.:		3			
		SAE Magnetics (H	.K.) Ltd.				
ASSIGNEE (Full Name, Addr Country)	ess and	SAE Technology Centre, 6 Science Park East Avenue, Hong Kong Science Park, Shatin, N.T.					
		Hong Kong	·····				
is desirous of acc obtained therefor		entire right, title and	interest in ar	id to said invention and th	e Letters Patent to be		
Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.							
Assignor made or entered	Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.						
Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.							
In witness whereof, this Assignment is executed on the day indicated below.							
۳	Typed o	r Printed Name	9	ignature	Date		
SIGNATURE	Taka	ıshi Honda	X Tak	ade Harole	x 3/11/19		

(SHIRAI-19005-USPT/00918057v1)

				<b></b>	
ASSIGNMENT - Patent Application Docket Number: SHIRAI-19005-USPT					
Whereas, the Assignor, comprising the following named inventors:					
ASSIGNOR(s)/ INVENTOR(s)  Ryo Hosoi; Takashi Honda; and Selichi Takayama					
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for which an appl (Select one of the f		Letters Patent of the	United States	<b>5</b> :	
	uted conc	irrently herewith			
X was file	ed in the U	.S. Patent and Trade	mark Office o	n <u>02/22/2019</u>	
as U.S	. Patent A <sub>l</sub>	oplication Serial No.:			
		SAE Magnetics (H.	.K.) Ltd.		
ASSIGNEE (Full Name, Address and Country)  SAE Technology Centre, 6 Science Park East Avenue, H Park, Shatin, N.T.				ue, Hong Kong Science	
		Hong Kong			
is desirous of according obtained therefore		entire right, title and	interest in an	d to said invention and	I the Letters Patent to be
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In witness whereof, this Assignment is executed on the day indicated below.					
, Canagamananananananananananananananananan	Typed o	r Printed Name	S	ignature	Date
SIGNATURE	Selic	hi Takayama	× Selli	hi Tarkanawa	X May 11 2019

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**PATENT REEL: 048591 FRAME: 0595** 

**RECORDED: 03/13/2019**