# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5737672

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
YUICHI KITAGAWA	08/30/2019
FUMIYA SUZUE	09/10/2019
TAKAYUKI NAKANISHI	09/11/2019
KOJI FUSHIMI	08/30/2019
YASUCHIKA HASEGAWA	08/30/2019

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City:	SAPPORO-SHI, HOKKAIDO
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## **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	16488784		

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SIGNATURE: /Najila Thompkins/	
DATE SIGNED:	09/25/2019

**Total Attachments: 4** 

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PATENT REEL: 050489 FRAME: 0597

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# ACCICNMENT

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When	eas, I/sve,			
	Name	<u>Address</u>		
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		LIGHT EMITTING ELEMENT s Patent of the United States of Ame	rica therefor on even date herewith	unless otherwise
indica	ited below:			
	filed on AUGU	IST 2.6. 2019 Serial	No 16/488784	; and
	1800-2000	15t 26, 2019, Serial	10. 10/ 130/01	, 61106
	Whereas			
		Y CORPORATION HOKKAIDO U	INIVERSITY	
	Kita 8-jyo Nisl	hi 5-chome, Kita-ku,		
	Sapporo-shi, I	Hokkaido 060-0808 Japan		
-	mee), desires to acquire the entire is to be obtained therefor;	e right, title and interest in the applic	cation and invention, and to any Un	ited States
and se invent may b Trade	y acknowledged, I/WE, as assign et over unto the assignee, its law tion and this application, and all se granted thereon, and all reissu-	wn that, for good and valuable consi- tor(s), have sold, assigned, transferre- ful successors and assigns, MY/OUI divisions, and continuations thereof, as thereof, and I/WE hereby authoriz- tue all Letters Patent for this invention	ed, and set over, and do hereby sell R entire right, title, and interest in a , and all Letters Patent of the United ze and request the Commissioner of	, assign, transfer, nd to this I States which f Patents and
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sign a the tit applic and ea	nce, its successors and assigns, as ill lawful papers when called upon le to this invention in said assign cations, make all rightful oaths as aforce proper patent protection for	ovenant and agree that I/WE will, w ny facts known to ME/US respecting on to do so, execute and deliver all pi- ce, its successors and assigns, execu- ad generally do everything possible to or this invention in the United States the by the assignee, its successors and	g this invention and testify in any legapers that may be necessary or designte all divisional, continuation, and to aid assignee, its successors and a so, it being understood that any expense.	gal proceeding, rable to perfect reissue ssigns, to obtain
		cation filing date or serial number is ttorneys of record in the patent appli after such information is added.		
	. <u>r</u>	<u>NVENTORS</u>	DATE SIGN	
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1):	MICH	KiZagawa. Ichi KITAGAWA		' \
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Name	e: Fi	miya SUZUE		

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4) :	Koji Freshimi	8/30/2019
Name:	Koji FUSHIMI	7
5):	Yasuchita / Jasopama	8/30/2019
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hereinafter called assignor(s), have invented certain improvements in

### RARE EARTH COMPLEX AND LIGHT EMITTING ELEMENT

and executed an	application	n for Letters P	atent of th	ic United St	ates of	America	therefor o	on even date	herewith t	inless otherwise
indicated below:		ń								
	filed on	August	26,	2019	, S	erial No.	. (6)	/4887	84	; and
Whereas	-	<del></del>			u.a.					

NATIONAL UNIVERSITY CORPORATION HÖKKAIDO UNIVERSITY

Kita 8-jyo Nishi 5-chome, Kita-ku, Sapporo-shi, Hokkaido 060-0808 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignce, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

In the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this Assignment after such information is added.

	INVENTORS	<u>DATE SIGNED</u>		
1):				
Name:	Yuichi KITAGAWA			
2):	<b></b>	2019,09,10		
Name:	Fumiya SUZUE	The company of the co		

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Page 1 of 2

3):	Folkazuki Makanishi	Sept. 11 20/7
Name :	Takayuki NAKANISHI	
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Name :	Koji FUSHIMI	
5):		
Name :	Vacuchika HASEGAWA	

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