

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEN HARADA	11/05/2018
KEIKO SHIMADA	11/06/2018
KODAI NIITSU	11/06/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RIKEN
<b>Street Address:</b>	2-1, HIROSAWA
<b>City:</b>	WAKO-SHI, SAITAMA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	351-0198
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16094839
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)610-8686
<i>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.</i>	
<b>Phone:</b>	7039039000
<b>Email:</b>	tpurifoy@milestockbridge.com, ipdocketing@milestockbridge.com
<b>Correspondent Name:</b>	ERIC G. KING
<b>Address Line 1:</b>	MILES & STOCKBRIDGE P.C.
<b>Address Line 2:</b>	1751 PINNACLE DRIVE, SUITE 1500
<b>Address Line 4:</b>	TYSONS CORNER, VIRGINIA 22102-3833
<b>ATTORNEY DOCKET NUMBER:</b>	T3309-23209US01
<b>NAME OF SUBMITTER:</b>	TYNISHA PURIFOY
<b>SIGNATURE:</b>	/Tynisha Purifoy/
<b>DATE SIGNED:</b>	03/21/2019
<b>Total Attachments: 2</b>	
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source=4_Assignment_PL8721US#page2.tif	

# ASSIGNMENT

## ( 譲渡証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by RIKEN a corporation organized under the laws of Japan, located at 2-1 HiroSawa, Wako-shi, Saitama, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said RIKEN its successor and assigns, all my right, title and interest, in and for the United States of America, in and to

# PARTICLE BEAM DEVICE, OBSERVATION METHOD, AND DIFFRACTION GRATING

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said RIKEN its successor, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said RIKEN

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) Harada Ken HARADA

November 5, 2018

2) Keiko Shimada Keiko SHIMADA

November 6, 2018

3) Kodai NIITSU

( 讓 渡 証 )

As a below named inventor, I hereby declare that:

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And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said RIKEN

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)  
(発明者フルネームサイン)

Date Signed  
(署名日)

1) \_\_\_\_\_ Ken HARADA

2) \_\_\_\_\_ Keiko SHIMADA

3) Kodai Nitsun      Kodai NIITSU      November 6th, 2018