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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUHIKO INOUE	06/27/2019
MUNEHIRO OGASAWARA	06/28/2019
STEVEN GOLLADAY	07/08/2019

RECEIVING PARTY DATA

Name:	NUFLARE TECHNOLOGY, INC.
Street Address:	8-1, SHINSUGITA-CHO, ISOGO-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	235-8522
Name:	NUFLARE TECHNOLOGY AMERICA, INC.
Street Address:	1294 HAMMERWOOD AVENUE
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94089

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16502706

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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) 413-3000
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Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	519729US
NAME OF SUBMITTER:	WILLIAM SMITH
SIGNATURE:	/William Smith/

DATE SIGNED:	07/22/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	
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source=519729USAssignment#page3.tif	

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	MULTIPLE ELECTRON BEAM IRRADIATION APPARATUS, MULTIPLE ELECTRON BEAM IRRADIATION METHOD, AND
	MULTIPLE ELECTRON BEAM INSPECTION APPARATUS
As the below name	d inventor, I hereby declare that:
This declaration 🗵	The attached application, or
is directed to:	United States application or PCT international application number
The above-identifie	d application was made or authorized to be made by me.
I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.
(hereinafter referreshi, Kanagawa 235 desirous of jointly	Flare Technology, Inc. and NuFlare Technology America, Inc. d to as "ASSIGNEES") having places of business at: 8-1, Shinsugita-cho, Isogo-ku, Yokohama-8522, Japan and 1294 Hammerwood Avenue, Sunnyvale, CA 94089, U.S.A., respectively are acquiring interests in the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEES, and in all foreign c other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and may and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof.
any and all foreign assignees of my en their successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.
respecting said in continuation, subst all of said Letters possible to aid sai	that I will communicate to said ASSIGNEES or their representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything d ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said lited States and its territorial possessions and in any and all foreign countries.
by fine or imprison	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.
LEGAL NAME O	
Inventor: Kazuhi	ko INOUE Date: June, 27, 2019
Signature:	Kazahiko Inove

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	MULTIPLE ELECTRON BEAM IRRADIATION APPARATUS,	
Invention	MULTIPLE ELECTRON BEAM IRRADIATION METHOD, AND MULTIPLE ELECTRON BEAM INSPECTION APPARATUS	
As the below name	inventor, I hereby declare that:	
	The attached application, or	
is directed to:	United States application or PCT international application number	
	filed on	
The above-identifie	The above-identified application was made or authorized to be made by me.	
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.	
(hereinafter referre shi, Kanagawa 235 desirous of jointly	Flare Technology, Inc. and NuFlare Technology America, Inc. d to as "ASSIGNEES") having places of business at: 8-1, Shinsugita-cho, Isogo-ku, Yokohama- 5-8522, Japan and 1294 Hammerwood Avenue, Sunnyvale, CA 94089, U.S.A., respectively are acquiring interests in the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all	
acknowledged, and said ASSIGNEES, and in all foreign of other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby of for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof.	
any and all foreign assignees of my e their successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.	
respecting said in continuation, subst all of said Letters possible to aid sai	e that I will communicate to said ASSIGNEES or their representatives any facts known to me evention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, titute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything id ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.	
	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME O		
	iro OGASAWARA Date: 28 June 20/9	
Signature: MA	inehiro Ogasawara	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of MULTIPLE ELECTRON BEAM IRRADIATION APPARATUS, Invention MULTIPLE ELECTRON BEAM IRRADIATION METHOD, AND	
MULTIPLE ELECTRON BEAM INSPECTION APPARATUS	
As the below named inventor, I hereby declare that:	
This declaration The attached application, or	
is directed to: United States application or PCT international application number	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, NuFlare Technology, Inc. and NuFlare Technology America, Inc.	
(hereinafter referred to as "ASSIGNEES") having places of business at: <u>8-1, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa 235-8522, Japan and 1294 Hammerwood Avenue, Sunnyvale, CA 94089, U.S.A.</u> , respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: Steven GOLLADAY Date: Date: Date:	
00.00	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 049813 FRAME: 0104

RECORDED: 07/22/2019