#### 505950862 03/05/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5997567

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAZUHIKO INOUE	01/21/2020
ATSUSHI ANDO	01/21/2020
MUNEHIRO OGASAWARA	12/24/2019
JOHN HARTLEY	03/04/2020

#### **RECEIVING PARTY DATA**

Name:	NuFlare Technology, Inc.
Street Address:	8-1, Shinsugita-cho, Isogo-ku, Yokohama-shi
City:	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:	16809611

#### **CORRESPONDENCE DATA**

(703)413-2220 Fax Number:

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 Email: AAdams@oblon.com **Correspondent Name:** OBLON, ET AL. 1940 DUKE STREET Address Line 1:

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 524090US NAME OF SUBMITTER: ARIELLE ADAMS

SIGNATURE:	/ARIELLE ADAMS/
DATE SIGNED:	03/05/2020
Total Attachments: 4 source=524090USASN#page1.tif source=524090USASN#page2.tif source=524090USASN#page3.tif source=524090USASN#page4.tif	

Title of Invention	MULTIPLE ELECTRON BEAMS IRRADIATION 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	ed 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.
	Flare Technology, Inc. and NuFlare Technology America, Inc.
shi, Kanagawa 235 desirous of jointly	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 co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby 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 er their successors and	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.
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: Kazuhi	ko INOUE Date: Jan . 2/. 2020
Signature: Ka	amhiko Inoul

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of MULTIPLE ELECTRON BEAMS IRRADIATION APPARATUS Invention	
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: 8-1, Shinsugita-cho, Isogo-ku, Yokohamashi, Kanagawa 235-8522, Japan and 1294 Hammerwood Avenue, Sunnyvale, CA 94089, U.S.A., 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.	
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LEGAL NAME OF INVENTOR	
Inventor: Atsushi ANDO Date: January 21, 2020	
Signature: Atsush: Ando	

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

Invention	MULTIPLE ELECTRON BEAMS IRRADIATION APPARATUS
As the below name	d inventor, I hereby declare that:
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is directed to:	United States application or PCT international application number
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	rledge 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 OF	
Inventor: Munchin	ro OGASAWARA Date: Dec. 24, 2019
Signature: M	unehiro Ogaran/ara

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

ALEXANDRIA, VIRGINIA 22314

MULTIPLE ELECTRON BEAMS IRRADIATION APPARATUS (invention)	
As the below named inventor, I hereby declare that:	
This declaration 🗵 The attached application, or	
s directed to: United States application or PCT international application number filed on	
The above-identified application was made or authorized to be made by me.	
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: 8-1, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa 235-8522, Japan and 1294 Hammerwood Avenue, Sunnyvale, CA 94089, U.S.A., 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;	
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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, heir 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.	
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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: John HARTLEY Date: 3/4/2020	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 052019 FRAME: 0693

**RECORDED: 03/05/2020**