

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3760938

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHIGEHIRO HARA	02/18/2016
KENICHI YASUI	02/12/2016
HIROSHI YAMASHITA	02/12/2016
YASUO KATO	02/16/2016
SAORI GOMI	02/17/2016
SHINJI SAKAMOTO	02/12/2016
TAKAO TAMURA	02/16/2016
HIDEO TSUCHIYA	02/17/2016
NORIAKI NAKAYAMADA	02/12/2016
HIRONOBU MATSUMOTO	02/15/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NUFLARE TECHNOLOGY, INC.
<b>Street Address:</b>	8-1, SHINSUGITA-CHO, ISOGO-KU
<b>City:</b>	YOKOHAMA-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	235-8522
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15056300
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)413-2220
<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>	(703) 413-3000
<b>Email:</b>	bbotchway@oblon.com
<b>Correspondent Name:</b>	OBLON, ET AL.
<b>Address Line 1:</b>	1940 DUKE STREET
<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	467723US20

<b>NAME OF SUBMITTER:</b>	BRANDON BOTCHWAY
<b>SIGNATURE:</b>	/Brandon Botchway/
<b>DATE SIGNED:</b>	02/29/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 10</b> source=467723USDecAsn#page1.tif source=467723USDecAsn#page2.tif source=467723USDecAsn#page3.tif source=467723USDecAsn#page4.tif source=467723USDecAsn#page5.tif source=467723USDecAsn#page6.tif source=467723USDecAsn#page7.tif source=467723USDecAsn#page8.tif source=467723USDecAsn#page9.tif source=467723USDecAsn#page10.tif	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

<b>Title of Invention</b>	<b>CHARGED PARTICLE BEAM DRAWING APPARATUS AND DRAWING DATA GENERATION METHOD</b>
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This declaration  The attached application, or

is 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.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, NuFlare Technology, Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: 8-1, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa 235-8522, Japan, is desirous of acquiring 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 ASSIGNEE, 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.

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LEGAL NAME OF INVENTOR

Inventor: Shigehiro HARA Date: February 18, 2016

Signature: *Shiro Hara*

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.  
ATTORNEYS AT LAW  
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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Kenichi YASUI</u>	Date: <u>February 12, 2016</u>
Signature: <u>Kenichi Yasui</u>	

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Hiroshi YAMASHITA</u> Date: <u>Feb. 12, 2016</u>	
Signature: <u><i>Hiroshi Yamashita</i></u>	

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Yasuo KATO</u>	Date: <u>February 16, 2016</u>
Signature: <u>Yasuo Kato</u>	

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Saori GOMI</u>	Date: <u>February 17, 2016</u>
Signature: <u>Saori Gomi</u>	

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<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Shinji SAKAMOTO</u> Date: <u>February 12, 2016</u>	
Signature: <u>Shinji Sakamoto</u>	

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**LEGAL NAME OF INVENTOR**

Inventor: Takao TAMURA Date: February 16, 2016

Signature: Takao Tamura

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LEGAL NAME OF INVENTOR

Inventor: Hideo TSUCHIYA Date: February 17, 2016

Signature: Hideo Tsuchiya

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<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input checked="" type="checkbox"/> The attached application, or  is directed to: <input type="checkbox"/> United States application or PCT international application number _____  filed on _____.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, NuFlare Technology, Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: <u>8-1, Shinsugita-cho, Isogo-ku, Yokohama-shi, Kanagawa 235-8522, Japan</u>, is desirous of acquiring 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;</p> <p>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 ASSIGNEE, 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.</p> <p>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 ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) 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.</p> <p>Further, I agree that I will communicate to said ASSIGNEE or its (his) 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 ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) 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.</p> <p>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.</p>	
<b>LEGAL NAME OF INVENTOR</b>	
Inventor: <u>Noriaki NAKAYAMADA</u>	Date: <u>February 12, 2016</u>
Signature: <u>Noriaki Nakayamada</u>	

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Hironobu MATSUMOTO</u> Date: <u>15 / 2 / 2016</u></p> <p>Signature: <u>Hironobu Matsumoto</u></p>	

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PATENT