

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Katsuhiro Yamazaki</td> <td>05/22/2013</td> </tr> <tr> <td>Kensuke Demura</td> <td>06/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Katsuhiro Yamazaki	05/22/2013	Kensuke Demura	06/11/2013
Name	Execution Date						
Katsuhiro Yamazaki	05/22/2013						
Kensuke Demura	06/11/2013						
RECEIVING PARTY DATA							
Name:	Shibaura Mechatronics Corporation						
Street Address:	5-1, Kasama 2-chome, Sakae-ku						
City:	Yokohama-shi, Kanagawa-ken						
State/Country:	JAPAN						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13850515</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13850515		
Property Type	Number						
Application Number:	13850515						
CORRESPONDENCE DATA							
Fax Number:	2165796073						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	HYU1-50965						
NAME OF SUBMITTER:	Nobuhiko Sukenaga						
Signature:	/nobuhiko sukenaga/						
Date:	09/06/2013						
This document serves as an Oath/Declaration (37 CFR 1.63).							
<p>Total Attachments: 3 source=HYU1-50965-Dec-Assgn#page1.tif source=HYU1-50965-Dec-Assgn#page2.tif source=HYU1-50965-Dec-Assgn#page3.tif</p>							

CH \$40.00 13850515

PATENT

For applications filed under AIA
(on or after September 16, 2012)

**DECLARATION AND ASSIGNMENT
FOR US UTILITY OR DESIGN PATENT APPLICATION**

Attorney Docket No.: HYU1-50965

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

METHOD FOR MANUFACTURING REFLECTIVE MASK AND APPARATUS
FOR MANUFACTURING REFLECTIVE MASK
(TITLE)

(check only one item below)

attached hereto,

OR

filed on (YYYY/MM/DD) 2013/03/26 as United States Application Number or PCT
International Application Number 13/850,515.

The above-identified application was made or authorized to be made by me.

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

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.

WHEREAS, new and useful improvements have been made by the undersigned as
described in the above-identified application.

WHEREAS, Shibaura Mechatronics Corporation, having a place of business at 5-1,
Kasama 2-chome, Sakae-ku, Yokohama-shi, Kanagawa-ken, Japan, hereinafter referred to as
"assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and
under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and
sufficiency of which are hereby acknowledged, all right, title, and interest, in the United
States and throughout the world, in, to and under said improvements and inventions and all
patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and
therein, including without limitation said application for patent in the United States, all
divisions and continuations thereof, all patents which may be granted thereon, all reissues and
extensions thereof, all right to sue for past infringement thereunder, all patents which may be

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granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Legal Name of Inventor: Katsuhiko Yamazaki

Signature of Inventor: Katsuhiko Yamazaki

Date: May, 22, 2013

Witness: _____

Witness: _____

Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

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Additional Inventor(s)

Legal Name of Inventor: Kensuke Demura

Signature of Inventor: Kensuke Demura

Date: June 11, 2013

Witness: _____

Witness: _____