

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NuFlare Technology, Inc.	10/30/2012
RECEIVING PARTY DATA	
Name:	NuFlare Technology, Inc.
Street Address:	2068-3, Ooka
City:	Numazu-shi, Shizuoka-ken
State/Country:	JAPAN
Postal Code:	410-8510
Name:	Denso Corporation
Street Address:	1-1, Showa-cho
City:	Kariya-city, Aichi-pref
State/Country:	JAPAN
Postal Code:	448-8661
Name:	Toyota Jidosha Kabushiki Kaisha
Street Address:	1, Toyota-cho
City:	Toyota-shi, Aichi-ken
State/Country:	JAPAN
Postal Code:	471-8571
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13160209
CORRESPONDENCE DATA	
Fax Number:	
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.	

OP \$40.00 13160209

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ATTORNEY DOCKET NUMBER:	11986.0013-00000
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NAME OF SUBMITTER:	Julianna C. Shin
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Total Attachments: 1 source=11986-0013_Assignment#page1.tif
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**ASSIGNMENT**

**WHEREAS, NuFlare Technology, Inc.**, a corporation of Japan having a place of business at 2068-3, Ooka, Numazu-shi, Shizuoka-ken 410-8510, Japan (hereinafter referred to as NFT), owns, by assignment from its employees, Kunihiro Suzuki and Hideki Ito, the entire right, title, and interest in and to U.S. Patent Application No. 13/160,209 filed June 14, 2011, for an invention entitled "MANUFACTURING APPARATUS AND METHOD FOR SEMICONDUCTOR DEVICE AND CLEANING METHOD OF MANUFACTURING APPARATUS FOR SEMICONDUCTOR" ("Assigned Application");

**WHEREAS, Denso Corporation**, a corporation of Japan having a place of business at 1-1, Showa-cho, Kariya-city, Aichi-pref 448-8661, Japan (hereinafter referred to as DC), desires to own an undivided interest in and to the Assigned Application and any Letters Patent to be issued upon such application; and

**WHEREAS, Toyota Jidosha Kabushiki Kaisha**, a corporation of Japan having a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan (hereinafter referred to as TJKK), desires to own an undivided interest in and to the Assigned Application and any Letters Patent to be issued upon such application;

**NOW THEREFORE**, be it known that, for good and valuable consideration the receipt of which from DC and TJKK is hereby acknowledged, NFT hereby sells, assigns, transfers and sets over to DC and TJKK, their lawful successors and assigns, an undivided interest in and to the Assigned Application and all Letters Patent of the United States which may be granted thereon, and all reissues, reexaminations and extensions thereof; and NFT hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue all Letters Patent for this invention jointly to NFT, DC, and TJKK, and their successors and assigns, in accordance with the terms of this Assignment;


**NFT reserves for itself an undivided interest in and to the Assigned Application and all Letters Patent directly or indirectly issuing therefrom, and after this assignment, NFT, DC and TJKK will be joint owners of the Assigned Application and all Letters Patent issuing directly or indirectly therefrom;**

**AND, NFT HEREBY further covenants** that NFT has the full right to convey the interest assigned by this Assignment, NFT will take all action and execute all documents necessary to perfect the interest assigned hereby, and NFT has not executed and will not execute any agreement in conflict with this Assignment;

**AND, NFT HEREBY further covenants and agrees** that NFT, through its officers and employees, will, without further consideration, communicate with DC and TJKK, their successors and assigns, any facts known to NFT and its officers and employees respecting the invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect their respective interests in the Assigned Application in DC and TJKK and their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid DC and TJKK, their successors and assigns, to obtain proper patent protection for the invention in the United States.

**IN TESTIMONY WHEREOF**, NFT has caused its authorized representative to execute this Assignment.

**NuFlare Technology, Inc.**

By   
Fumiaki Shigemitsu

Title Representative Director, President

Date Oct. 30, 2012