

## PATENT ASSIGNMENT COVER SHEET

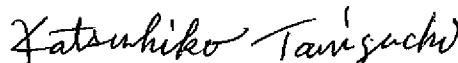
Electronic Version v1.1  
Stylesheet Version v1.2

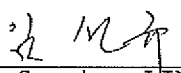
EPAS ID: PAT4871761

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KATSUHIKO TANIGUCHI	03/16/2018
SEONKYU LIM	03/09/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NIFCO INC.
<b>Street Address:</b>	5-3 HIKARINOOKA
<b>City:</b>	YOKOSUKA-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	239-8560
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15759353
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)519-7769
<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>	703-519-9785
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<b>Address Line 4:</b>	ALEXANDRIA, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	NIF-551
<b>NAME OF SUBMITTER:</b>	MANABU KANESAKA
<b>SIGNATURE:</b>	/Manabu Kanesaka/
<b>DATE SIGNED:</b>	03/19/2018
<b>Total Attachments: 1</b>	
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ASSIGNMENT

For value received, we, Katsuhiko TANIGUCHI; and Seonkyu LIM having post office address at c/o NIFCO INC., 5-3 Hikarinooka, Yokosuka-shi, Kanagawa, 239-8560, Japan and transfer to Nifco Inc. corporation existing under the laws of Japan located at 5-3 Hikarinooka, Yokosuka-shi, Kanagawa, 239-8560, Japan and its successors, assigns, and legal representatives the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to SHUTTER described in application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/We have full right so to do, and agree that I/We will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature  Date 2018.3.16  
Katsuhiko TANIGUCHI

Signature  Date 2018.3.9  
Seonkyu LIM