## 504657327 11/27/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
YOSHIHIKO SANO			09/25/2017	
MASAHIDE HARADA			09/20/2017	
RECEIVING PARTY D	ΑΤΑ			
Name:	NIPRO	CORPORATION		
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City:	OSAKA	OSAKA-SHI, OSAKA		
State/Country:	JAPAN	JAPAN		
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Name:	HARAC	HARADA ELECTRONICS INDUSTRY CO., LTD.		
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State/Country:	JAPAN	JAPAN		
Postal Code:	063005	0630052		
PROPERTY NUMBER	S Total: 1			
Property Type	e	Number		
Application Number:		15577091		
	be sent to	(631)501-3526 • <b>the e-mail address first; if that is uns</b> I; if that is unsuccessful, it will be sent		
Phone:	631-501-5700			
Email: docket@cdfslaw.com, kdugo@cdfslaw.com				
		CARTER, DELUCA, FARRELL & SCHMIDT, LLP		
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ATTORNEY DOCKET NUMBER:	44569-1005 PCT US
NAME OF SUBMITTER:	ROBERT P. MICHAL
SIGNATURE:	/Robert P. Michal/

504657327

<b>DATE SIGNED:</b> 11/27/2017		
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2 source=01173502#page1.tif source=01173502#page2.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

TITLE OF	TRANSMITTED LIGHT INTENSITY ME	ASUREMENT UNIT		
<b>INVENTION:</b>				
As the below named inventor, I hereby declare that:				
This declaration is directed to:				
The attached application, or United States application or PCT international application number filed on				
The above-identified applica	tion was made or authorized to be made by me.			
I believe that I am the origin	al inventor or an original joint inventor of a claimed inver	ntion in the 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, I, the below-identified Inventor, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");				
WHEREAS, <u>NIPRO CORPORATION</u> (hereinafter "Assignee") having place of business at: <u>3-9-3</u> , <u>HONJO-NISHI</u> , <u>KITA-KU</u> , <u>OSAKA-SHI</u> , <u>Osaka 5318510</u> Japan, and <u>HARADA ELECTRONICS INDUSTRY CO., LTD</u> , (hereinafter "Assignee") having place of business at: <u>3-5</u> , <u>Miyanosawa 2-jo 5-chome</u> , <u>Nishi-ku</u> , <u>Sapporo-shi</u> , <u>Hokkaido 0630052</u> 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 or its territorial possessions and in any and all foreign countries;				
NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;				
I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;				
And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Untied States Letters Patent which my issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;				
And I further agree to sign and execute all necessary and lawful further documents, including applications for foreign patents, for filing divisions, continuations, and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.				
The undersigned hereby grants the firm of CARTER, DELUCA, FARRELL & SCHMIDT, LLP, located at 445 Broad Hollow Road, Suite 420, Melville, New York 11747, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.				
LEGAL NAME OF INVENTOR	Inventor: SANO Yoshihiko Signature: <u>Yoshihikeo Lan</u> w	Date: 0/25/2011		

CARTER, DELUCA, FARRELL & SCHMIDT, LLP 445 BROAD HOLLOW ROAD, SUITE 420 MELVILLE, NEW YORK 11747

> PATENT REEL: 044225 FRAME: 0467

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

TITLE OF	TRANSMITTED LIGHT INTENSITY MEASUREMENT UNIT		
<b>INVENTION:</b>			
As the below named inventor,	hereby declare that:		
This declaration is directed to:			
The attached application, or United States application or	r 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.			
I hereby acknowledge that any imprisonment of not more than	willful false statement made in this declaration is punishable under 18 U.S. C. § 1001 by fine or five (5) years, or both.		
	dentified Inventor, have invented certain new and useful improvements in the Invention in the above-identified patent application(s) and/or patent(s) (hereinafter "Invention");		
WHEREAS, <u>NIPRO CORPORATION</u> (hereinafter "Assignee") having place of business at: <u>3-9-3, HONJO-NISHI, KITA-KU, OSAKA-SHI, Osaka 5318510 Japan</u> , and <u>HARADA ELECTRONICS INDUSTRY CO., LTD.</u> (hereinafter "Assignee") having place of business at: <u>3-5, Miyanosawa 2-jo 5-chome, Nishi-ku, Sapporo-shi, Hokkaido 0630052</u> Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that			
	United States or its territorial possessions and in any and all foreign countries;		

NOW, this indenture witnesseth, that in consideration of the sum of ONE DOLLAR (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration;

I hereby assign, sell and transfer my above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any Untied States Letters Patent which my issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to sign and execute all necessary and lawful further documents, including applications for foreign patents, for filing divisions, continuations, and continuations-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its successors and designees may from time to time require and prepare at its own expense.

The undersigned hereby grants the firm of CARTER, DELUCA, FARRELL & SCHMIDT, LLP, located at 445 Broad Hollow Road, Suite 420, Melville, New York 11747, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

	Inventor: HARADA Masahide Signature: <u>Masahide Hanada</u>	Date: 20/Sept. / 2017
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RECORDED: 11/27/2017

PATENT REEL: 044225 FRAME: 0468