#### 503078502 11/26/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3125106

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YOSHIHIKO SANO	10/15/2014
MASAHIDE HARADA	10/30/2014

### **RECEIVING PARTY DATA**

Name:	NIPRO CORPORATION
Street Address:	3-9-3 HONJO-NISHI KITA-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	5318510
Name:	HARADA ELECTRONICS CO., LTD.
Street Address:	3-5, MIYANOSAWA 2-JO, 5-CHOME
Internal Address:	NISHI-KU,
City:	SAPPORO-SHI, HOKKAIDO
State/Country:	JAPAN
Postal Code:	0630052

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14404370

#### CORRESPONDENCE DATA

Fax Number: (212)661-8002

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.

Phone: (212) 661-8000 Email: info@Imiplaw.com **Correspondent Name:** ROBERT P. MICHAL Address Line 1: **LUCAS & MERCANTI LLP** 

Address Line 2: 30 BROAD STREET, 21ST FLOOR

Address Line 4: NEW YORK, NEW YORK 10004

ATTORNEY DOCKET NUMBER: 44569-1002

NAME OF SUBMITTER: ROBERT P. MICHAL

**SIGNATURE:** /Robert P. Michal/

**REEL: 034272 FRAME: 0480** 

PATENT

503078502

DATE SIGNED:	11/26/2014
Total Attachments: 3	
source=44569-1002-Assign#page1.tif	
source=44569-1002-Assign#page2.tif	
source=44569-1002-Assign#page3.tif	

PATENT REEL: 034272 FRAME: 0481

# ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION

This is an a	ssignment of the following ri	ghts, title and interest (check all that apply):
$\boxtimes$	United States of America r	ights, title and interest in the invention
	Foreign rights, title and in	terest in the invention
	United States Patent Appli Date of Execution	cation Serial No Date of Filing:
		Patent Application Serial No
	United States Patent No(s)	·
$\boxtimes$	International (PCT) Paten	t Application Serial No. <u>PCT/JP2012/063622,</u> filed <u>May 28.</u>
	<u> 2012</u>	
	Other (specify)	
Title of the Inv	ention:	
Inventors (assiș		
Nam		Address
Yoshihiko S.	ANO	c/o NIPRO CORPORATION 3-9-3 Honjo-Nishi Kita-Ku Osaka-shi Osaka 5318510 Japan
Masahide H	ARADA	c/o HARADA ELECTRONICS CO., LTD.
,		Miyanosawa2-jo, 5-chome, 3-5, Nishi-ku, Sapporo-shi, Hokkaido 0630052 Japan
4ssignee:		
Nam	e	Address
NIPRO COR	PORATION	3-9-3 Honjo-Nishi Kita-Ku Osaka-shi Osaka 5318510 Japan
HARADA E LTD.	LECTRONICS CO.,	Miyanosawa2-jo, 5-chome, 3-5, Nishi-ku, Sapporo-shi, Hokkaido 0630052 Japan

Whereas, we, the above-identified Inventors, 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 referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention equally to the above-identified Assignees;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our 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 we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuation-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 Designee(s) may from time to time require and prepare at its own expense.

The undersigned hereby grant(s) the firm of LUCAS & MERCANTI, LLP, 30 Broad Street, 21<sup>st</sup> Floor, New York, New York, 10004, 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.

Inventors' Signatures:

Name	Signature	Date
Yoshiliko SANO	Jan	october 15, 2014
Masahide HARADA		
	-	<u> </u>

Whereas, we, the above-identified Inventors, 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 referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention equally to the above-identified Assignees;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our 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 we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto:

And we further agree to sign and execute all necessary and lawful future documents. including applications for foreign patents, for filing divisions, continuations and continuation-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 Designee(s) may from time to time require and prepare at its own expense.

The undersigned hereby grant(s) the firm of LUCAS & MERCANTI, LLP, 30 Broad Street, 21st Floor, New York, New York, 10004, 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.

Inventors' Signatures:

Name	Signature	Date
Yoshibiko SANO		
Masahide HARADA		
	Masahide Harada	October 30, 20

2