PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRETT T. HARDING	11/19/2015
MILA RACHWAL	11/19/2015

RECEIVING PARTY DATA

Name:	NITTO DENKO CORPORATION	
Street Address:	1-2 SHIMOHOZUMI - 1-CHOME, IBARAKI-SHI	
City:	OSAKA	
State/Country:	JAPAN	
Postal Code:	567-8680	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14786959
Application Number:	61759260

CORRESPONDENCE DATA

Fax Number: (949)253-0902

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: 949-253-0900

Email: maria.nadal@klgates.com **BRENT A. JOHNSON Correspondent Name:**

Address Line 1: **K&L GATES LLP**

Address Line 2: 1 PARK PLAZA - 12TH FLOOR Address Line 4: IRVINE, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	1958616.00263 (F5044)	
NAME OF SUBMITTER:	BRENT A. JOHNSON	
SIGNATURE:	/Brent A. Johnson/	
DATE SIGNED:	08/08/2016	

Total Attachments: 3

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PATENT REEL: 039368 FRAME: 0510 503949992

Docket No. 1958616.00263 F5044

THIS ASSIGNMENT is made by Brett T. Harding and Mila Rachwal (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNORS") to Nitto Denko Corporation a corporation having its principal place of business at 1-1-2 Shimohozumi, 1-chome, I baraki-shi, Osaka, Japan 567-0041, (hereafter, together with any successors, legal representatives, or assigns thereof, "ASSIGNEE").

ASSI GNMENT

WHEREAS, Mila Rachwal is now deceased;

WHEREAS Stainslaw Rachwal is the legal representative of the Estate of Mila Rachwal;

WHEREAS, ASSIGNORS have invented and owns rights in, to and under a new and useful invention for which an application(s) for Letters Patent has been filed as indicated below (hereafter "Invention");

U.S. Patent Application filed October 23, 2015 bearing Serial No. 14/786,959

International Application filed January 29, 2014 bearing Serial No. PCT/US2014/013653

U.S. Patent Application Filed January 31, 2013 bearing Serial No. 61/759,260

WHEREAS, ASSIGNORS believe themselves to be the original and true inventors of the Invention;

WHEREAS, ASSIGNEE desires to acquire the Invention and improvements thereto;

AND WHEREAS, ASSIGNORS and ASSIGNEE desire to have a recordable instrument assigning ASSIGNEE as owners of the entire right, title and interest in, to, and under the Invention and improvements thereto owned by ASSIGNORS;

NOW THEREFORE, for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, convey, endorse, and hereby set over unto ASSIGNEE the full and exclusive right, title and interest in, to and under the Invention to be held and enjoyed by ASSIGNEE, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment and sale not been made including the full and exclusive right, title and interest in, to and under 1) any patent application, or any other legal instrument equivalent thereof, including, without limitation, continuation, division, continuation-in-part, substitute, reexamination, renewal, inventor's certificate, and utility model, which has been or may be submitted therefor and thereon anywhere in the World, such term defined herein as including the United States of America, its territorial possessions, and any and all foreign countries under national laws or under the provisions of the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or any other international treaty equivalent thereof; 2) any Letters Patent, or any other legal instrument equivalent thereof, which has been or may be granted therefor and thereon, in the World, for the full term or terms for which the same may be granted; 3) any reissue, extension, or any other legal instrument equivalent thereof, on any patent application or Letters Patent which has been or may be granted therefor and thereon in the World; and 4) any right to claim priority to a filing date, or any other legal equivalent thereof, which has been or may be claimed by any patent application or Letters Patent therefor and thereon in the World.

Docket No. 1958616.00263 F5044

ASSIGNORS hereby covenant and agree to perform any lawful action when deemed essential by and to ASSIGNEE's full enjoyment, protection, enforcement and title in, to and under the Invention and rights hereby transferred, including, but not limited to, promptly communicating and providing any and all known and accessible facts, data or any other pertinent information; promptly executing and delivering any and all papers, documents, forms, declarations, oaths, affidavits or any other legal instrument; promptly assisting and participating in any and all depositions, hearings, proceedings, trials, appeals, or any other legal procedure; promptly testifying under oath in any and all interference, post grant review, litigation or any other administrative or judicial proceeding; and promptly completing any and all actions necessary or desirable to carry out any and all purposes thereof, relating to any and all proceedings in connection with the submission, procurement, issuance, maintenance, enforcement or defense of the invention and rights hereby transferred.

The undersigned hereby grant to the firm of K&L Gates LLP, 1 Park Plaza, 12th Floor, Irvine, CA 92614, the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness accuracy or validity of that document.

IN TESTIMONY WHEREOF, I hereunder set my hand this 19 day of Northber, 2015.

ASSIGNOR
Brett Harding

Signature

State of CALIFORNIA

County of San Digo

SS.:

On this Athalay of Andrew, 2015, before me, Andrew Alfawi Church, personally appeared **Brett T. Harding**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Notary Public

MUTSUKO MIKAMI CHURCH
Commission # 2081493
Notary Public - California
San Olego County
My Comm. Expires Dec 24, 2018

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F5044

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

IN TESTIMONY WHEREOF, I hereunder set my hand this /9 day of Novamber, 2015.

Vame: Stainslaw Rachv

Legal Representative of Mila Rachwal

State of CALIFORNIA

SS.:

County of Gan Jilego)

On this // day of // 2015, before me, // William () personally appeared **Stanislaw Rachwal**, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Notary Public

MUTSUKO MIKAMI CHURCH Commission # 2091493 Notary Public - California San Diego County My Comm. Expires Dec 24, 2018