

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ning CHEN</td> <td>05/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ning CHEN	05/01/2012						
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<table border="1"> <tr> <td>Name:</td> <td>Nitto Denko Corporation</td> </tr> <tr> <td>Street Address:</td> <td>1-2, Shimohozumi 1-Chome</td> </tr> <tr> <td>City:</td> <td>Ibaraki-Shi, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>567-8680</td> </tr> </table>		Name:	Nitto Denko Corporation	Street Address:	1-2, Shimohozumi 1-Chome	City:	Ibaraki-Shi, Osaka	State/Country:	JAPAN	Postal Code:	567-8680
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PROPERTY NUMBERS Total: 1											
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Application Number:	12963600										
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NAME OF SUBMITTER:	Kristen Lemme										
Total Attachments: 2 source=QUARK-0002-UT Chen Assignment##page1.tif source=QUARK-0002-UT Chen Assignment##page2.tif											

OP \$40.00 12963600

ASSIGNMENT

WHEREAS, I,

- **Ning CHEN**, residing at 2330 Sherbrook Street, Pittsburgh, Pennsylvania, USA, 15217,

with Xiaomei JIN, Lei YU, Yasunobu TANAKA, Hirokazu TAKAHASHI and Yoshiro NIITSU have invented certain new and useful improvements in “**MODULATION OF HSP47 EXPRESSION**” for which an United States Patent Application was filed **December 8, 2010**, and assigned application serial number **12/963,600**, (the “Application”);

AND WHEREAS,

- **NITTO DENKO CORPORATION**, a Japanese corporation, whose business address is 1-2, Shimohozumi 1-Chome, Ibaraki-Shi, Osaka, Japan, 567-8680

(hereinafter “ASSIGNEE”), desires to acquire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, NING CHEN, do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, my entire right, title, and interest throughout the world in the Application including any improvements made thereto, and any utility (non-provisional) application(s) claiming priority thereto that have been or may hereafter be filed; such filings including divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be, or have heretofore been, filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner for Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I, NING CHEN, DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent, before or after issuance.

AND I, NING CHEN, DO HEREBY covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the improvements, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application including any improvements made thereto, any utility (non-provisional) application(s) filed therefrom, and any continuing application(s) filed from aforementioned utility application(s), and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

May
NC
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24 day of April, 2012. 1 NC

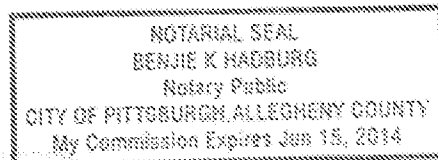
Ning Chen
Ning Chen

State of Pennsylvania
County of Allegheny

On May 1, 2012 before me, *Benjie K Hedburg*
(insert name and title of the officer)
personally appeared *Ning Chen*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Signature *Benjie K Hedburg* (Seal)