Client Code: NDTCO.166A

RECORDATION FORM COVER SHEET **PATENTS ONLY**

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1. Name of conveying parties: 1) David T. Sisk 2) Sazzadur Rahman Khan 3) Amane Mochizuki Additional name(s) of conveying party(ies) attached? () Yes (X) No	2. Name and address of receiving party: Name: Nitto Denko Corporation Street Address: 1-1-2 Shimohozumi City: Ibaraki State: Osaka ZIP: 567-8680 Country: Japan Additional name(s) of receiving party(ies) attached? () Yes (X) No
3. Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: 1) October 6, 2011 2) October 6, 2011 3) October 7, 2011	4. US or PCT Application number(s) or US Patent number(s): (X) Application No.: 13/232,837 Filed: September 14, 2011 Additional numbers attached? () Yes (X) No
 5. Party to whom correspondence concerning document should be mailed. Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: NDTCO.166A 	Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)). \$40 (X) Authorized to be charged to deposit account	Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
Is a true copy of the original document. Jeremy R. Pierce Name of Person Signing 59,034 Registration No.	g information is true and correct, and any attached copy December 2, 2011 Date
Total number of pages including cove	r sheet, attachments and document: 5

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PATENT REEL: 027337 FRAME: 0485 Application No.: 13/232,837
Filing Date: September 14, 2011

Docket Number: NDTCO.166A

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ASSIGNMENT

WHEREAS, David T. Sisk, a US citizen, residing at 11329 Provencial Place, San Diego, California 92128, Sazzadur Rahman Khan, a Bangladesh citizen, residing at 7650 Palmilla Dr. #2, San Diego, California 921222, and Amane Mochizuki, a Japan citizen, residing at 961 Melaleuca Ave., Apt L, Carlsbad, California 92011, (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to SUBSTITUTED BIPYRIDINES FOR USE IN ORGANIC LIGHT-EMITTING DEVICES (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, Nitto Denko Corporation, a Japan Corporation, with its principal place of business at 1-1-2 Shimohozumi, Ibaraki, Osaka, 587-8680 Japan (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations 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 any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of 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 related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES 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 said Letters Patent before or after issuance.

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

PATENT REEL: 027337 FRAME: 0486

Application No.: 13/232,837 Filing Date: September 14, 2011 IN TESTIMONY WHEREOF, I he October 2011	Docket Number: NDTCO.166A Page 2 of 4 Preunto set my hand and seal this 6th day of	
	Dell	
	David T. Sisk	
STATE OF CALIFORNIA)	
COUNTY OF San Diego	} ss. ,	
On, before me,		
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 offici	al seal.	
[SEAL]	Notary Signature	

MUTSUKO MIKAMI CHURCH Commission # 1918654 Notary Public - California San Diego County My Comm. Expires Dec 24, 2014

PATENT

REEL: 027337 FRAME: 0487

Application No.: 13/232,837 Filing Date: September 14, 2011 Docket Number: NDTCO.166A

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this of day of October, 2011.

Flul-m

Sazzadur Rahman Khan

STATE OF CALIFORNIA

SS.

COUNTY OF Sam Diego

personally appeared Sazzadur Rahman Khan who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (s) are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(iss), 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.

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.

[SEAL]

Notary Signature

MUTSUKO MIKAMI CHURCH Commission # 1918654 Notary Public - California San Diego County My Comm Expires Dec 24, 2014 The Milan Chan

Docket Number: NDTCO.166A Application No.: 13/232,837 Page 4 of 4 Filing Date: September 14, 2011 TESTIMONY WHEREOF, I hereunto set my hand and seal this day of Amane Mochizuki STATE OF CALIFORNIA SS. San Diego 1 On 1017 III, before me, Mutsuko Mikami Churchnotary public, personally appeared Amane Mochizuki who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (s) 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. 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. [SEAL] Notary Signature MUTSUKO MIKAMI CHURCH Commission # 1918654 Notary Public - California San Diego County My Comm. Expues Dec 24, 2014

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PATENT REEL: 027337 FRAME: 0489

RECORDED: 12/02/2011