

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2883765

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NATTASAMON PETCHSANG	05/24/2014
MASURU KUNO	04/23/2014
VLADIMIR PLASHNITSA	05/15/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14216452
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ATTORNEY DOCKET NUMBER:	501.024US1
NAME OF SUBMITTER:	MICHAEL H. HAUKAAS
SIGNATURE:	/ Michael H. Haukaas /
DATE SIGNED:	06/04/2014
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we,

- **Nattasamon PETCHSANG**, a citizen of Thailand, residing at 112/9 Moo1, Bang Si Mueang, Mueang Nonthaburi, Nonthaburi, Thailand 11000
- **Masuru KUNO**, a citizen of the United States of America, residing at 14248 Fox Chase Drive, Granger, Indiana 46530; and
- **Vladimir PLASHNITSA**, a citizen of Russia, residing 14-025 Ambridge Court, Mississauga, Canada L5J 1S4;

have made certain new and useful inventions and certain improvements as described and set forth below;

Whereas, the University of Notre Dame du Lac, a university having a place of business at Office of Technology Transfer, 940 Grace Hall, Notre Dame, IN 46556, US (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest to said invention and to any United States and foreign patents to be obtained therefore;

Now therefore, I/WE, the undersigned inventors, hereby sell, assign, and transfer to ASSIGNEE, its successors and assigns, the entire right, title and interest in the invention entitled:

LIGHT INDUCED NANOWIRE ASSEMBLY

and described in U.S. Patent Application No. **14/216,452**, filed **17 March 2014**, which claims priority from U.S. Provisional Application No. 61/852,293 filed 15 March 2013, and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States patent application; and hereby authorize and request that the Attorney(s) for ASSIGNEE to insert in this ASSIGNMENT document the application number and filing date of said United States patent application when known and authorize the Attorney(s) for ASSIGNEE to append to this ASSIGNMENT document application numbers and filing dates of any and all applications for patent and patents in any and all countries, resulting from the filing of said United States patent application. I/We request the Commissioner of Patents issue any Letters Patent granted upon the inventions set forth in said application to ASSIGNEE, its successors and assigns; and we hereby agree that ASSIGNEE may apply for foreign Letters Patent on said invention and I/We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by ASSIGNEE.

I/We do hereby agree that upon request and without further consideration I/We and our respective executors and legal representatives will communicate to ASSIGNEE or its representatives or nominees any facts known to Me/Us respecting said improvements and testify in any legal proceedings, sign and deliver all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally aid the ASSIGNEE, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I, **Nattasamon PETCHSANG**, have caused this ASSIGNMENT
to be signed this 24 day of May, 2014.

466296 100000
Ms. Nattasamon PETCHSANG

Witnessed By:

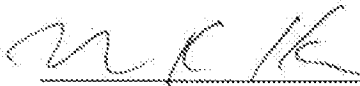
Witness Signature: Kritsanu Tivakornasithon Date: May 24th 2014

Witness Printed Name: KRITSANU TIVAKORNASITHORN

Witness Signature: Prasun Jettinujit Date: May 24th 2014

Witness Printed Name: PRASUN JETTINOJIT

IN TESTIMONY WHEREOF, I, **Masaru KUNO**, have caused this ASSIGNMENT to be signed
this 13th day of April, 2014.



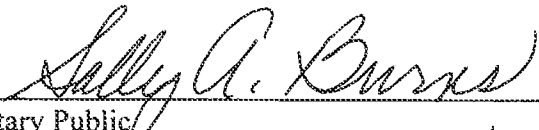
Masaru KUNO

STATE OF Indiana)
COUNTY OF St. Joseph) ss.

On this _____ day of _____, 2014, before me personally appeared
Masaru KUNO, personally known to me or 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/she executed the same of his/her authorized capacity, and that by his/her signature on the
instrument, the person, or the entity upon behalf of which the person acted, executed the
instrument.

WITNESS my hand and official seal:

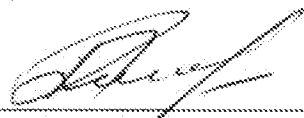




Notary Public

My Commission expires: 10/19/2014

IN TESTIMONY WHEREOF, I, **Vladimir PLASHNITSA**, have caused this ASSIGNMENT to be signed this 15 day of May, 2014.

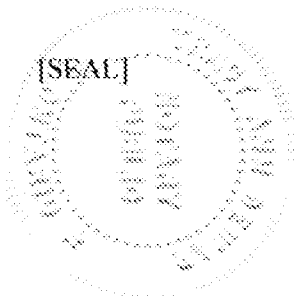


Vladimir PLASHNITSA

DP
CITY _____
STATE OF Toronto)
Province _____) ss.
COUNTY OF Ontario)

On this 15th day of May, 2014, before me personally appeared **Vladimir PLASHNITSA**, personally known to me or 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/she executed the same of his/her authorized capacity, and that by his/her signature on the instrument, the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal:



Notary Public for the Province of Ontario
My Commission expires: at the pleasure of
the Lt. Gov.