503158655 01/30/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANE A. CALDWELL	01/20/2015
GANG LI	01/22/2015

RECEIVING PARTY DATA

Name:	UCHICAGO ARGONNE, LLC	
Street Address:	5801 SOUTH ELLIS AVENUE	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60637	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14476443

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER:	0003-02911
NAME OF SUBMITTER:	M
SIGNATURE:	/Michael J. Cherskov/
DATE SIGNED:	01/30/2015

Total Attachments: 3

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PATENT 503158655 REEL: 034850 FRAME: 0670

ASSIGNMENT

I, Shane A. Caldwell of the City of Chicago in the State of Illinois, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the COMPACT LIQUID NITROGEN PUMP, ANL-IN-14-031 filed in the United States Patent and Trademark Office on September 3, 2014 as Application Serial No. 14/476,443, executed by me on the date hereinafter set forth, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

And for the above-named considerations, I hereby agree that I will without additional compensation but without cost to myself, promptly communicate to UChicago Argonne, LLC, its successors and assigns, any facts known to me respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

Dated: 20 Jan 2015

Jane A. Caldwell

STATE OF ILLINOIS

COUNTY OF

On this day of d

WITNESS my hand and seal the day and year last above given.

OFFICIAL SEAL
DEBBIE J KRAKOWSKI
Notary Public - State of Illinois
My Commission Expires Nov 20, 2015

Notary Public

PATENT REEL: 034850 FRAME: 0671

Kulowsk

OFFICIAL SEAL DEBBIE J KRAKOWSKI Rotary Public - State of Illingis Jay Commission Explore Nov 20, 2015

-PATENTO-

REEL: 034850 FRAME: 0672

ASSIGNMENT

I, Gang Li of Deep River, Ontario, Canada, for good and valuable considerations to me in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto UChicago Argonne, LLC, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by me and disclosed in the patent application for the COMPACT LIQUID NITROGEN PUMP, ANL-IN-14-031 filed in the United States Patent and Trademark Office on September 3, 2014 as Application Serial No. 14/476,443, executed by me and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as I could have done if the application had been in my name, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventors Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UChicago Argonne, LLC, its successors and assigns.

And for the above-named considerations, I hereby agree that I will without additional compensation but without cost to myself, promptly communicate to said UChicago Argonne, LLC, its successors and assigns, any facts known tome respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

INVENTOR NAME PRINTED

Gang Li

Li

Li

Li

Long

DATE

Jan. 22, 2015

DATE

Jan. 22, 2015

INVENTOR SIGNATURE

DATE

DATE

WITNESS SIGNATURE

DATE

DATE

DATE

PATENT REEL: 034850 FRAME: 0673

RECORDED: 01/30/2015