PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANIRUDHA V. SUMANT	01/03/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13481110

CORRESPONDENCE DATA

Fax Number:

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: (312) 832-4500

Email: omelendez@foley.com, ipdocketing@foley.com

Correspondent Name: FOLEY & LARDNER LLP
Address Line 1: 3000 K STREET NW

Address Line 2: 6TH FLOOR

Address Line 4: WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	051583-0555
NAME OF SUBMITTER:	MATTHEW E. MARTIN
SIGNATURE:	/Matthew E. Martin/
DATE SIGNED:	08/20/2014

Total Attachments: 1

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PATENT 502942253 REEL: 033570 FRAME: 0779

ASSIGNMENT

I, Anirudha V. Sumant of Plainfield, in 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 ANL-IN-11-055, GRAPHENE LAYER FORMATION AT LOW SUBSTRATE TEMPERATURE ON A METAL AND CARBON BASED SUBSTRATE, which claims the benefit of U. S. Serial Application No. 13/481,110 filed in the United States Patent Office on May 25, 2012 as a Continuation in part of U. S. Serial application No. 13/448,068 filed in the United States Patent and Trademark Office on April 16, 2012, 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: 1/03/14 All Anirudha V. Sumant

STATE OF ILLINOIS

SS

COUNTY OF

On this 3rd day of day

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

RECORDED: 08/20/2014

Notary Public

PATENT

Labor Shi

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