505509962 06/05/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALI ERDEMIR	05/18/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15593444
Application Number:	62336176

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	NF-15593444	
NAME OF SUBMITTER:	MATTHEW E. MARTIN	
SIGNATURE:	/Matthew E. Martin/	
DATE SIGNED:	06/05/2019	

Total Attachments: 2

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PATENT 505509962 REEL: 049379 FRAME: 0580

ASSIGNMENT

I. Ali Erdemir of the City of Naperville 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 ANL-IN-16-079 entitled, "LUBRICANT COMPOSITIONS COMPRISING CORE-SHELL NANOPARTICLES" which claims the benefit of the Provisional Application Serial Number 62,336,176 filed in the United States Patent and Trademark Office on May 13, 2016 and filed as Non Provisional Application Serial Number 15/593,444 on May 12, 2017, 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: 5/18/17 41 Friemir

PATENT REEL: 049379 FRAME: 0581

STATE OF ILLINOIS)	
COUNTY OF LAGY—) ss	
	ne a Notary Public in and for the County and
State aforesaid, appeared the above named person, who person whose name is subscribed to the foregoing instrame instrument as his free and voluntary act and for the	rument, and acknowledged that he executed
WITNESS my hand and seal the day and year last above	given. 14/2)
Notary Public	- DUNG GIRAND
	"OFFICIAL SEAL"
	∯ Debbie J Krakowski § Notery Public, State of Illinois § My Commission Expires 11/20/2019 ⟨

PATENT REEL: 049379 FRAME: 0582

RECORDED: 06/05/2019