## 505705023 10/03/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LARRY A. CURTISS	09/25/2019
STEFAN VAJDA	06/12/2019
AVIK HALDER	06/15/2019

## **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:	16128105	

## **CORRESPONDENCE DATA**

**Fax Number:** (312)621-0088

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: mail@cherskov.com

Correspondent Name: MICHAEL J. CHERSKOV

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Address Line 4: CHICAGO, ILLINOIS 60602

ATTORNEY DOCKET NUMBER:	0003-03370	
NAME OF SUBMITTER:	MICHAEL J. CHERSKOV	
SIGNATURE:	/Michael J. Cherskov/	
DATE SIGNED:	10/03/2019	

**Total Attachments: 3** 

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PATENT 505705023 REEL: 050612 FRAME: 0588

#### ASSIGNMENT

I, Larry A. Curtiss of Downers Grove, IL, 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, "SELECTIVE OXIDATIVE DEHYDROGENATION OF PROPANE TO PROPYLENE" (ANL-IN-17-170) filed in the U.S. Patent and Trademark Office on September 11, 2018 as Application Serial No. 16/128,105 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 we 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 to us 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.

Larry A. Curtiss
Printed Name
Printed Date
Printed Date
Printed Date
Printed Date
Witness Printed Name
Printed Date
Witness Signature

PATENT REEL: 050612 FRAME: 0589

#### ASSIGNMENT

I, Stefan Vajda of Lisle, IL, 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, "SELECTIVE OXIDATIVE DEHYDROGENATION OF PROPANE TO PROPYLENE" (ANL-IN-17-170) filed in the U.S. Patent and Trademark Office on September 11, 2018 as Application Serial No. 16/128,105 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 we 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 to us 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.

Stefan Vajda
Printed Name
Printed Date
Debbie J. Krakowski
Witness Printed Name

O6/12/2019
Printed Date
Witness Signature
Witness Signature

PATENT REEL: 050612 FRAME: 0590

#### ASSIGNMENT

I, Avik Halder of Clarendon Hills, IL, 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, "SELECTIVE OXIDATIVE DEHYDROGENATION OF PROPANE TO PROPYLENE" (ANL-IN-17-170) filed in the U.S. Patent and Trademark Office on September 11, 2018 as Application Serial No. 16/128,105 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 we 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

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 to us 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.

Avik Halder Printed Name	6/15/2019 Printed Date	Airk Holder Signature
Sayanti Shosh Witness Printed Name	6/15/2019 Printed Date	Sayandi Ghorf. Witness Signature

PATENT REEL: 050612 FRAME: 0591

RECORDED: 10/03/2019