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# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
KENT E WARDLE	06/27/2017

## **RECEIVING PARTY DATA**

Name:	UCHICAGO ARGONNE, LLC
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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15066393

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	MICHAEL J. CHERSKOV
SIGNATURE:	/Michael J. Cherskov/
DATE SIGNED:	06/29/2017

**Total Attachments: 1** 

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PATENT REEL: 042859 FRAME: 0345

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### ASSIGNMENT

I, Kent E. Wardle, of Kirkland, Washington, 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, "3D PRINTED MODULAR CENTRIFUGAL CONTACTORS AND METHOD FOR SEPARATING MOIETIES USING 3D PRINTED OPTIMIZED SURF ACES" (ANL-IN-15-085) filed in the United States Patent and Trademark Office on March 10, 2016 and assigned Application Serial Number 15/066,393, 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.

 Kent E. Wardle
 6-27-17
 6-27-17

 Printed Name
 Printed Date
 Signature
 Dated

 Jon McWhitter
 June 27, 2017
 427/17

 Witness Printed Name
 Printed Date
 Witness Signature
 Date

PATENT REEL: 042859 FRAME: 0346

RECORDED: 06/29/2017