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S-141,827

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UChicago Argonne, LLC

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- ☐ Assignment ☐ Merger
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2. Name and address of receiving party(ies)Name: United States Department of Energy

Internal Address: _____

Street Address: 1000 Independence Ave. S.W.City: WashingtonState: D.C.Country: USA Zip: 20585

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4. Application or patent number(s):

A. Patent Application No.(s)

Serial No. 15/066,393

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:Name: Michael J. DobbsInternal Address: U. S. Dept. of Energy, IPLDStreet Address: 9800 S. Cass AveCity: ArgonneState: IL Zip: 60439Phone Number: 630-252-2164Fax Number: 630-252-2779Email Address: Confirmatory.License@science.doe.gov**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$**

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PATENT**REEL: 038923 FRAME: 0627**

CONFIRMATORY LICENSE

Title of Invention: 3D PRINTED MODULAR CENTRIFUGAL CONTACTORS AND METHOD FOR SEPARATING MOIETIES USING 3D PRINTED OPTIMIZED SURFACES

Inventors: Kent E. Wardle

Patent Application Serial No.: 15/066,393

Filing Date: March 10, 2016

Patent Number:

Issue Date:

Contractor: UChicago Argonne, LLC

DOE Contract No.: DE-AC02-06CH11357

DOE Case No.: S-141,827

ANL Case No.: ANL-IN-15-085

The Contractor has reported the above-identified invention as a subject invention to DOE and has elected to retain title thereto.

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 28th day of March, 2016

Contractor Name: UChicago Argonne, LLC

By: 

Mark D. Hilliard
Chief Patent Counsel
Argonne National Laboratory
UChicago Argonne, LLC

PATENT