

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6403271

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JESSE S WAINRIGHT	11/11/2019
GARY E. WNEK	05/06/2020
ENOCH A. NAGELLI	12/10/2019
ROBERT SAVINELL	12/10/2019
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State/Country:	OHIO
Postal Code:	44106
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17099096
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ATTORNEY DOCKET NUMBER:	12166-160CON
NAME OF SUBMITTER:	ROBERT C. BARAONA
SIGNATURE:	/Robert C. Baraona/
DATE SIGNED:	11/16/2020
Total Attachments: 5	
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PATENT

REEL: 054378 FRAME: 0588

Title: "COMPOSITE MEMBRANES FOR FLOW BATTERIES"
MH Ref No.: 12166-00128US

**DECLARATION AND ASSIGNMENT
FOR U.S. UTILITY OR DESIGN PATENT APPLICATION**

Attorney Docket No.: 12166-00128US

As a below-named inventor, I hereby declare that:

This declaration is directed to the application entitled:

COMPOSITE MEMBRANES FOR FLOW BATTERIES
(TITLE)

(check only one item below)

☐ attached hereto,

OR

☒ For which U.S. Patent Application No. 16/080,080 was filed on August 27, 2018;
International Patent Application No. PCT/US2017/019644 was filed on February 27, 2017; U.S.
Provisional Patent Application No. 62/300,323 was filed on February 26, 2016; and any
subsequent applications filed in connection with the above invention (the "Patent").

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the
above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable
under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, CASE WESTERN RESERVE UNIVERSITY, having a place of business at 10900
Euclid Avenue, Cleveland, Ohio 44106, hereinafter referred to as "Assignee," is desirous of
acquiring the entire right, title and interest in and to the Patent;

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of
which are hereby acknowledged, all right, title, and interest, in the United States and throughout
the world, in, to and under the Patent, improvements and inventions and all patents, patent
applications, patent rights, and inventors' certificates thereof, therefor, and therein, including
without limitation said application for patent in the United States, all divisions and continuations
thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to
sue for past infringement thereunder, all patents which may be granted for said improvements

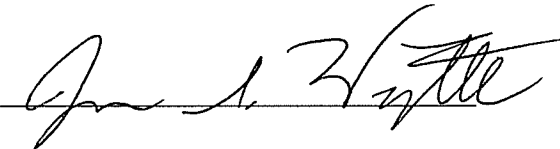
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and inventions by states or nations other than the United States, or by other authority, entity, or organization, all applications therefor, and all rights of priority resulting from the filing of said applications, have been and are hereby sold, assigned, transferred, and delivered unto Assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at Assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in Assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to Assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to Assignee as owner of the entire right, title and interest in, to, and under the same.

THIS DECLARATION AND ASSIGNMENT, has been executed below by the undersigned:

Legal Name of Inventor: Jesse S. WAINRIGHT

Signature of Inventor::



Date: January 11, 2019

[X] Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): You should not execute this Declaration unless you have reviewed and understand the contents of the above-identified application, including the claims.

Notice to Inventor(s): You have a duty disclose to the USPTO all information known to you to be material to patentability as defined in 37 CFR 1.56 during prosecution of the Patent.

Title: "COMPOSITE MEMBRANES FOR FLOW BATTERIES"
MH Ref No.: 12166-00128US

THIS DECLARATION AND ASSIGNMENT, has been executed below by the undersigned:

Legal Name of Inventor: Gary E. WNEK

Signature of Inventor:: *Gary Wnek*

Date: 5/6/20

[] Signatures of additional inventors on attached sheet(s)

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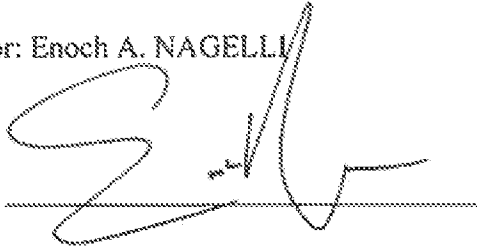
For applications filed under AIA
(on or after September 16, 2012)

Title: "COMPOSITE MEMBRANES FOR FLOW BATTERIES"
MH RefNo.: 12166-00128US

THIS DECLARATION AND ASSIGNMENT, has been executed below by the undersigned:

Legal Name of Inventor: Enoch A. NAGELLI

Signature of Inventor::



Date: 12/10/19

☐ Signatures of additional inventors on attached sheet(s)

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MH Ref No.: 12166-00128US

THIS DECLARATION AND ASSIGNMENT, has been executed below by the undersigned:

Legal Name of Inventor: Robert SAVINELL

Signature of Inventor::



Date: 12/10/2019

☐ Signatures of additional inventors on attached sheet(s)

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