

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6480189

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY	01/05/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NORTHERN ILLINOIS RESEARCH FOUNDATION
<b>Street Address:</b>	LOWDEN HALL 301
<b>City:</b>	DEKALB
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60115
<b>PROPERTY NUMBERS Total: 7</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13848547
Application Number:	15886271
Application Number:	15933608
Application Number:	61388215
Application Number:	62518947
Application Number:	62476260
PCT Number:	US2011054021
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)759-5646
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	312-357-1313
<b>Email:</b>	msweetin@btlaw.com
<b>Correspondent Name:</b>	ALICE O. MARTIN
<b>Address Line 1:</b>	BARNES & THORNBURG LLP
<b>Address Line 2:</b>	P.O. BOX 2786
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60690-2786
<b>ATTORNEY DOCKET NUMBER:</b>	55442-275203
<b>NAME OF SUBMITTER:</b>	ALICE O. MARTIN, REG. NO. 35601
<b>SIGNATURE:</b>	/Alice O. Martin/
<b>DATE SIGNED:</b>	01/05/2021

PATENT

**Total Attachments: 3**

source=US\_ASSIGNMENT\_NIU-NIRF\_210105#page1.tif

source=US\_ASSIGNMENT\_NIU-NIRF\_210105#page2.tif

source=US\_ASSIGNMENT\_NIU-NIRF\_210105#page3.tif

**PATENT ASSIGNMENT**

This Patent Assignment, dated 1/5/2020, is made by and between the BOARD OF TRUSTEES OF NORTHERN ILLINOIS UNIVERSITY, a body politic and corporate of the State of Illinois, with its principal place of business located at Division of University Legal Services, Altgeld Hall 330, DeKalb, Illinois 60115 ("ASSIGNOR"), and NORTHERN ILLINOIS RESEARCH FOUNDATION, an Illinois not for profit corporation with its principal place of business located at Northern Illinois University, Lowden Hall 301, DeKalb, IL 60115, U.S.A. ("Assignee");

WHEREAS, Assignor is the owner of the entire right, title, and interest in and to the patents and patent applications listed in Schedule A attached hereto (the "Patent Rights");

AND, WHEREAS, Assignee is desirous of acquiring all rights, title and interest in and to said Patent Rights which may be granted therefor or thereupon, together with any divisions, continuations, continuations-in-part, reissues and extensions thereof in all countries throughout the world;

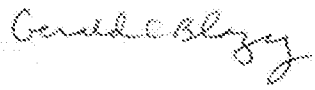
NOW, THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in to said Patent Rights, including but not limited to the right to sue on its own behalf for past and present and future infringement of said Patent Rights and to retain all proceeds thereof including the subject-matter of any and all claims which may be obtained in every such Patent Rights, and the right to apply for and obtain patents and Utility Model Registrations which may be granted thereon in the United States and/or any and all foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any other country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent or Utility Model Registration to the said Assignee, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest herein assigned;

AND hereby agree for itself, successors and assigns to execute without further consideration any further documents and instruments which may be necessary, lawful and proper to secure to ASSIGNEE its interest and title in and to said Patent Rights;

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have hereunto executed this Assignment.

**ASSIGNOR:**

**THE BOARD OF TRUSTEES OF  
NORTHERN ILLINOIS UNIVERSITY**

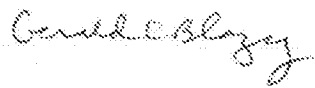
By:   
Name: Gerald C. Blazey  
Title: VP for Research

Attest:

\_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**ASSIGNEE:**

**NORTHERN ILLINOIS RESEARCH  
FOUNDATION**

By:   
Name: Gerald C. Blazey  
Title: President

Attest:

\_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

**SCHEDULE A**

<b>Country</b>	<b>Appl. No.</b>	<b>Filing Date</b>	<b>Pat. No.</b>	<b>Issue Date</b>
US	13/848547	03/21/2013	9,902,948	02/27/2018
US	15/886271	02/01/2018		
US	15/933608	03/23/2018		
US	61/388215	09/30/2010		
US	62/518947	06/13/2017		
US	62/476260	03/24/2017		
EP	11770001.3	09/29/2011	2622074	11/12/2014
CH	11770001.3	09/29/2011	2622074	11/12/2014
GB	11770001.3	09/29/2011	2622074	11/12/2014
WO	PCT/US2011/054021	09/29/2011		

DMS 18876403v1