

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6390820

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Alan J. Russell	04/08/2016
Hironobu Murata	04/07/2016
Chad S. Cummings	04/07/2016
Richard R Koepsel	04/07/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARNEGIE MELLON UNIVERSITY
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<b>City:</b>	PITTSBURGH
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15213
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16556739
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	(612) 335-5070
<b>Email:</b>	apsi@fr.com
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<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	26100-0091003
<b>NAME OF SUBMITTER:</b>	MARY FLORCZAK
<b>SIGNATURE:</b>	/Mary Florczak/
<b>DATE SIGNED:</b>	11/09/2020
<b>Total Attachments: 4</b>	
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Attorney's Docket No. 140448PCTUS

PATENT

For:  U.S. and/or  Foreign Rights  
For:  U.S. Application or  
 U.S. Provisional Application  
For:  U.S. Patent  
For:  PCT Application  
By: Multiple Inventors

Serial No. 15/026,093

Filing Date: March 30, 2016

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS** (Inventors):

Alan J. Russell  
(type or print name of inventors) 530 Salem Heights  
Gibsonia, PA 15044 US  
Address Nationality

Hironobu Murata  
(type or print name of inventors) 329 Stratford Avenue, Apt.2R  
Pittsburgh, PA 15232 JP  
Address Nationality

Chad Cummings  
(type or print name of inventors) 6204 5th Avenue  
Pittsburgh, PA 15232 US  
Address Nationality

Richard R. Koepsel  
(type or print name of inventors) 3182 Shady Avenue  
Pittsburgh, PA 15217 US  
Address Nationality

hereby sell, assign and transfer to

ASSIGNEE:

Carnegie Mellon University  
(type or print name of ASSIGNEE) 5000 Forbes Avenue  
(a Non-Profit Pennsylvania organization) Pittsburgh, PA 15213  
Address

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

POLYMER ENGINEERED REGENERATING BIOSCAVENGERS

and which is found in:

- (a)  U.S. patent application executed on even date herewith;
- (b)  U.S. application no.: 15/026,093 filed on March 30, 2016
- (c)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

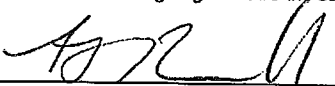
and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below.

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

		04/08/2016
Alan J. Russell	Signature of INVENTOR	Date
Hironobu Murata	Signature of INVENTOR	Date
Chad Cummings	Signature of INVENTOR	Date
Richard R. Koepsel	Signature of INVENTOR	Date

Notarization or Legalization Page Added.

For:  U.S. and/or  Foreign Rights  
 For:  U.S. Application or  
 U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By: Multiple Inventors

Serial No. 15/026,093

Filing Date: March 30, 2016

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**ASSIGNORS** (Inventors):

<u>Alan J. Russell</u> (type or print name of inventor's)	<u>530 Salem Heights Gibsonia, PA 15044</u> Address	<u>US</u> Nationality
<u>Hironobu Murata</u> (type or print name of inventor's)	<u>329 Stratford Avenue, Apt.2R Pittsburgh, PA 15232</u> Address	<u>JP</u> Nationality
<u>Chad Cummings</u> (type or print name of inventor's)	<u>6204 5th Avenue Pittsburgh, PA 15232</u> Address	<u>US</u> Nationality
<u>Richard R. Koepsel</u> (type or print name of inventor's)	<u>3182 Shady Avenue Pittsburgh, PA 15217</u> Address	<u>US</u> Nationality

hereby sell, assign and transfer to

ASSIGNEE:

<u>Carnegie Mellon University</u> (type or print name of ASSIGNEE)	<u>5000 Forbes Avenue</u> Address
<u>(a Non-Profit Pennsylvania organization)</u>	<u>Pittsburgh, PA 15213</u>

and the successors, assigns and legal representatives of the ASSIGNEE

the entire right, title and interest

and in all foreign countries, including all rights to claim priority both in the United States and in all foreign countries, in and to any and all improvements which are disclosed in the invention entitled:

POLYMER ENGINEERED REGENERATING BIOSCAVENGERS

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1)

and which is found in:

- (a)  U.S. patent application executed on even date herewith;
- (b)  U.S. application no.: 15/026,093 filed on March 30, 2016
- (c)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority both in the United States and in all foreign countries and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, non-provisional, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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IN WITNESS WHEREOF, We have hereunto set hand and seal on the date(s) indicated below.


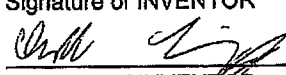
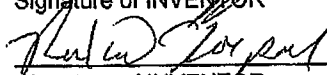
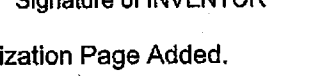
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\_\_\_\_\_  
Alan J. Russell

\_\_\_\_\_  
Hironobu Murata

\_\_\_\_\_  
Chad Cummings

\_\_\_\_\_  
Richard R. Koepsel

Signature of INVENTOR	Date
	4/7/2016
Signature of INVENTOR	Date
	4/7/2016
Signature of INVENTOR	Date
	4/7/2016
Signature of INVENTOR	Date
	4/7/2016

Notarization or Legalization Page Added.