506773038 07/19/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alan J. Russell	05/15/2020
Hironobu Murata	05/14/2020

RECEIVING PARTY DATA

Name:	CARNEGIE MELLON UNIVERSITY
Street Address:	5000 FORBES AVENUE
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15213

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17264455

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: ELIZABETH N. KAYTOR Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	26100-0123US1
NAME OF SUBMITTER:	MARY FLORCZAK
SIGNATURE:	/Mary Florczak/
DATE SIGNED:	07/19/2021

Total Attachments: 3

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> **PATENT** REEL: 056901 FRAME: 0621 506773038

Attorney Docket No.: 26100-0123WO1 / 2019-014

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>ALAN J. RUSSELL</u>, and <u>HIRONOBU MURATA</u>, each individually assigns to <u>CARNEGIE MELLON UNIVERSITY</u>, a Other (Type over this selection) formed under the laws of <u>Pennsylvania</u> and having a principal place of business at <u>5000 Forbes Avenue</u>, <u>Pittsburgh, PA 15213</u>, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "<u>AMINO-REACTIVE POSITIVELY CHARGED ATRP INITIATORS THAT MAINTAIN THEIR POSITIVE CHARGE DURING SYNTHESIS OF BIOMACRO-INITIATORS,"</u> and was filed in the United States Patent and Trademark Office on <u>August 1</u>, <u>2019</u>, as application <u>PCT/US2019/044743</u> (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

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We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

/ Alan J. Russell	/	5/15/2020 Date:	
Alan J. Russell			

Attorney Docket No.: 26100-0123WO1 / 2019-014

Hironobu Murata	Date:	5/14/2	020	
The Assignee hereby acknowledges and acce		oing ass	ignment.	
Assignee: CARNEGIE MELLON UNIVERS Signature: / (harles It Douglarty Jr.		_/_	Date:	5/14/2020
Name: Charles H. Dougherty, Jr.				
Title: Associate Director, Intellectual Proper	ty			

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RECORDED: 07/19/2021

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