505208391 11/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMANTHA ENGLAND	11/10/2015

RECEIVING PARTY DATA

Name:	UNIVERSITY OF ROCHESTER
Street Address:	601 ELMWOOD AVENUE
Internal Address:	BOX URV
City:	ROCHESTER
State/Country:	NEW YORK
Postal Code:	14642

PROPERTY NUMBERS Total: 2

Property Type	Number
PCT Number:	US1438075
Application Number:	61823677

CORRESPONDENCE DATA

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REBEKAH L. SIGLER C/O RIVERSIDE LAW LLP Correspondent Name: Address Line 1: GLENHARDIE TWO CORPORATE CENTER

Address Line 2: 1285 DRUMMERS LANE, SUITE 202 Address Line 4: WAYNE, PENNSYLVANIA 19087

ATTORNEY DOCKET NUMBER:	204606-0028-00-US.604869
NAME OF SUBMITTER:	REBEKAH L. SIGLER
SIGNATURE:	/rls/
DATE SIGNED:	11/28/2018

Total Attachments: 3

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PATENT REEL: 047605 FRAME: 0794 505208391

ASSIGNMENT

WHEREAS, I, Samantha England, a citizen of Canada, having a mailing address of 756 5A St. NW, Calgary Alberta, Canada; hereinafter generally referred to as "ASSIGNOR," have invented a certain new and useful

HUMAN EXTENSIVELY SELF-RENEWING ERYTHROBLASTS (ESRE)

for which I have executed a U.S. national stage application filed under 35 U.S.C. § 371 claiming benefit to International Patent Application No. PCT/US14/038075, filed May 14, 2014, which is entitled to priority under 35 U.S.C. § 119(e) to U.S. Provisional Application No. 61/823,677, filed May 15, 2013.

WHEREAS University of Rochester, having a place of business at 601 Elmwood Avenue, Box OTT, Rochester, NY 14642, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said patent application.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, I, the undersigned ASSIGNOR, hereby agree to sell, assign, transfer and convey and by these presents does sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully

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PATENT REEL: 047605 FRAME: 0795 and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

Nov. 10/2015

Date

Samantha England

(Seal)

STATE OF STOWNE of Albarta

COUNTY OF <u>Colquey</u>:

NOTARY

PUBLIC

Before me, a notary public in and for the State and County aforesaid, on this ______ day of _______, 2015, personally appeared Samantha England, who being to me personally known, and who having first executed the foregoing instrument in my presence and have been by me first duly sworn, did acknowledge the foregoing instrument as his/her free deed and act, signed, sealed and delivered by his/her for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Notary Public

My Commission Expires:

LINDA ROSALIE ROE, Notary Public My Appointment Expires on

the 31st day of December, 20 /7

Service Invoice and Receipt

Linda Roe

Your Affordable Notary Public Box 43040

Calgary, Alberta T2J 7A7
Telephone No: 403-259-2755
Email: notarypublic@shaw.ca
www.affordablenotarypublic.com

Client: Samantha England.
Address:
Contact no.:
Document Type: ASSIGN ment
appointment date/time: \(\lambda \lam
dentification source/No: ABDL.
ee: \$ 5425

The above noted public services are provided by administering and observing rules set out by the Notary Public Act of Alberta. The Notary Public provides this service invoice and guarantees the accuracy of the service performed. If for any reason, the Notary Public must revise or notarize the same document for any error or omission on the Notary Public's part, it will be carried out at the earliest opportunity without further cost at the Notary Public's earliest convenience. The client(s) indemnifies the Notary Public from any losses or damages of whatever nature that may be suffered by any person or organization as a result of any inaccuracy, incomplete, or other deficiency which may exist regarding the service performed regardless of how that inaccuracy, or other deficiency which may exist regarding the service performed regardless of how that inaccuracy, incomplete, or other deficiency arose. Agreement to these terms will be acknowledged by the client allowing the Notary Public services to the performed, by submitting subsequent payment. I consent to my personal information being retained for the specific purpose of confirmation of identification. The Notary Public will not supply this information to any third party at any time.

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RECORDED: 11/28/2018