503183386 02/18/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3230001

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACQUELINE BROMBERG	11/27/2013

RECEIVING PARTY DATA

Name:	SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH	
Street Address:	1275 YORK AVENUE	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10065	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14422102	

CORRESPONDENCE DATA

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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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Email: patricia.knisley@leclairryan.com

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Address Line 4: ROCHESTER, NEW YORK 14625

ATTORNEY DOCKET NUMBER:	29543.7163 SLOAN
NAME OF SUBMITTER:	PATRICIA KNISLEY
SIGNATURE:	/Patricia Knisley/
DATE SIGNED:	02/18/2015

Total Attachments: 3

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PATENT 503183386 REEL: 034977 FRAME: 0745



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 20, 2013

PTAS

LECLAIRRYAN, A PROFESSIONAL CORPORATION
70 LINDEN OAKS, SUITE 210
ROCHESTER, NY 14625

502601858

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RECORDATION DATE: 12/13/2013 REEL/FRAME: 031816/0017

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 29543.7162 SLOAN

ASSIGNOR:

BROMBERG, JACQUELINE DOC DATE: 11/27/2013

ASSIGNEE:

SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 1275 YORK AVENUE

NEW YORK, NEW YORK 10065

APPLICATION NUMBER:
PATENT NUMBER:
PCT NUMBER: US2013055395

ISSUE DATE:

TITLE:

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

FILING DATE:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2648190

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACQUELINE BROMBERG	11/27/2013

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Street Address:	1275 YORK AVENUE
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Fax Number: (585)270-2179 Phone: 585-270-2118

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Address Line 1: 70 LINDEN OAKS, SUITE 210
Address Line 4: ROCHESTER, NEW YORK 14625

ATTORNEY DOCKET NUMBER:	29543.7162 SLOAN
NAME OF SUBMITTER:	PATRICIA KNISLEY
Signature:	/Patricia Knisley/
Date:	12/13/2013

Total Attachments: 1

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PATENT REEL: 034977 FRAME: 0747

ASSIGNMENT

WHEREAS, I, Jacqueline BROMBERG, a United States citizen, with a mailing address of have

invented certain new and useful improvements in USE OF DNA IN CIRCULATING EXOSOMES AS A DIAGNOSTIC MARKER FOR METASTATIC DISEASE for which an application for Letters Patent was filled in the United States as U.S. Provisional Patent Application Serial Nos. 61/684,224, filed on 17 August 2012 and 61/794,384, filed on 15 March 2013, and was filed as PCT international application number PCT/US13/55395 on 16 August 2013;

AND WHEREAS, SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, with its principal place of business at 1275 York Avenue, New York, New York 10065 USA, is entitled to acquire the entire right, title and interest in and to the said inventor and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filled for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patem for said improvements to the said SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, its successors, legal representatives, and assigns, any facts known to me respecting said improvements and testify in any legal proceeding, sign all tawful papers, execute all divisional, continuing, and reissue applications, make all rightful ouths and generally do everything possible to aid the said SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

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This A day of Vyen 60	8868 618	
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Jacqueline Bromberg, to me personally known a	s the individual who execute	d the same of his/her own
free will for the purposes therein set forth.		
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	<u> </u>	Y-CILO Commission
	Notary Public	MARIA R. ALEXANDER
	CARCONE A TOXCOXEC	71535A7165X535465 PS PROPERTY

11466278.1 5808-03-PC (29543.7162) Commission expires or setery Public, State of New York

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Catellifed in Kinge County
Term Expires November 28, 2013

PATENT REEL: 034977 FRAME: 0748

RECORDED: 02/18/2015