

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5431725

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARI ALLYN-FEUER	03/14/2019
BRIAN D. ATHEY	03/19/2019
GERALD A. HIGGINS	03/14/2019
ALEX ADE	03/13/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
<b>Street Address:</b>	OFFICE OF TECHNOLOGY TRANSFER
<b>Internal Address:</b>	1600 HURON PARKWAY, 2ND FLOOR
<b>City:</b>	ANN ARBOR
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48109-2590
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16359385
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)474-0448
<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>	312-474-6300
<b>Email:</b>	darmino@marshallip.com, docket@marshallip.com
<b>Correspondent Name:</b>	MARSHALL, GERSTEIN & BORUN LLP
<b>Address Line 1:</b>	233 SOUTH WACKER DRIVE
<b>Address Line 2:</b>	SUITE 6300
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606-6357
<b>ATTORNEY DOCKET NUMBER:</b>	30275/52860
<b>NAME OF SUBMITTER:</b>	DIANE M. ARPINO
<b>SIGNATURE:</b>	/DIANE M. ARPINO/
<b>DATE SIGNED:</b>	03/20/2019
<b>Total Attachments: 7</b>	

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**ASSIGNMENT**

Appl. No.: 16/359,385

Filed: March 20, 2019

Title: METHOD AND APPARATUS FOR ANALYSIS OF CHROMATIN INTERACTION DATA

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, Ari Allyn-Feuer, Brian D. Athey, Gerald A. Higgins, and Alex Ade ("Assignor") agrees to assign and hereby does assign to THE REGENTS OF THE UNIVERSITY OF MICHIGAN, Office of Technology Transfer, 1600 Huron Parkway, 2nd Floor, Ann Arbor, Michigan 48109-2590 ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

- (i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions,
- (ii) in and to all patents issuing on any of the foregoing,
- (iii) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing,
- (iv) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and
- (v) of priority including, but without limitation, the right to claim priority benefit of or to the Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee. Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known. Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

(b) warrants except in favor of Assignee: (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding

encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and

(c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

WITNESS our hands this

14<sup>th</sup> day of March, 2019.

State of

PA.

County of

Montgomery

Ari Allyn-Feuer  
Ari Allyn-Feuer

On this 14<sup>th</sup> day of March, 2019, before me, a Notary Public in and for the County and State aforesaid, appeared Ari Allyn-Feuer, known to me personally or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to the foregoing instrument and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

Mar 24, 2021

Notary Public

Mar 14, 2019

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

SHAHZAD ASGHAR

Notary Public

MIDDLETOWN TWP. BUCKS COUNTY

My Commission Expires Mar 24, 2021

WITNESS our hands this

19th day of March, 2019.

State of Michigan  
County of Washtenaw

Brian D. Athey  
Brian D. Athey

On this 19th day of March, 2019, before me, a Notary Public in and for the County and State aforesaid, appeared Brian D. Athey known to me personally or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to the foregoing instrument and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

01/05/2020

Galina M. Fair  
Notary Public

30275/52860<sup>4</sup>

WITNESS our hands this

14 day of MARCH, 2019.

State of MICHIGAN  
County of WASHTENAW

Gerald A Higgins  
Gerald A. Higgins

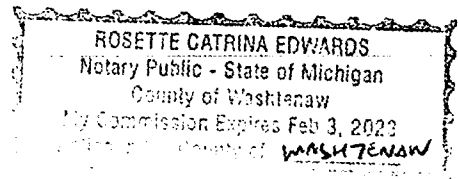
On this 14 day of MARCH, 2019, before me, a Notary Public in and for the County and State aforesaid, appeared Gerald A. Higgins personally or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to the foregoing instrument and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

02/03/2023

Rosette Catrina Edwards  
Notary Public



WITNESS our hands this 13 day of March, 2019.  
State of Michigan  
County of Washtenaw  
Alex Ade  
Alex Ade

On this 13<sup>th</sup> day of March, 2019, before me, a  
Notary Public in and for the County and State aforesaid, appeared Alex Ade, known to me personally  
or proved to me on the basis of satisfactory evidence to be the same person whose name is  
subscribed to the foregoing instrument and acknowledged that he executed said instrument as his  
free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 09/22/2023 Bond  
Notary Public  
Bonnie Pond

BONNIE POND  
Notary Public, State of Michigan  
County Of Jackson  
My Commission Expires 09-22-2023  
Acting in the County of Washtenaw



On behalf of Assignee,

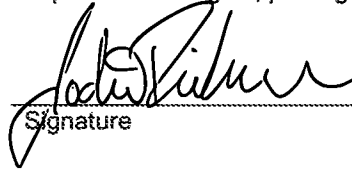
Jodie Richardson

Name

Manager, Business Process Optimization

Title

hereby confirms Assignee's acceptance of all rights, privileges, title and interests conveyed by this assignment.



Signature

March 19, 2019

Date

30275/52260/L/S