

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5896088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIKAS GULANI	09/12/2019
SATYAM GHODASARA	09/20/2019
KATHERINE WRIGHT	09/19/2019
NICOLE SEIBERLICH	09/19/2019
MARK GRISWOLD	09/06/2019
RECEIVING PARTY DATA	
Name:	CASE WESTERN RESERVE UNIVERSITY
Street Address:	10900 EUCLID AVENUE
City:	CELVELAND
State/Country:	OHIO
Postal Code:	44106
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	16351404
Application Number:	62642388
CORRESPONDENCE DATA	
Fax Number:	(414)271-3552
<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>	
Phone:	4142775220
Email:	justin.fons@quarles.com, pat-dept@quarles.com
Correspondent Name:	JUSTIN FONTS
Address Line 1:	411 EAST WISCONSIN AVENUE
Address Line 2:	SUITE 2400
Address Line 4:	MILWAUKEE, WISCONSIN 53202
ATTORNEY DOCKET NUMBER:	155798.00294
NAME OF SUBMITTER:	JUSTIN FONTS
SIGNATURE:	/Justin Fons/
DATE SIGNED:	01/06/2020

Total Attachments: 5

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ASSIGNMENT

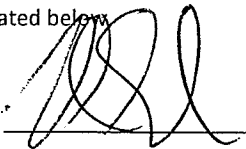
WHEREAS, the undersigned has made certain inventions which are described in **Provisional Patent Application US 62/642,388**, filed March 13, 2018 entitled *Acceleration of Dictionary Generation and Matching in Perfusion Analysis* and **Utility Patent Application 16/351,404** filed March 12, 2019, entitled *Systems and Methods for Acceleration of Dictionary Generation and Matching in Perfusion Analysis*; and

WHEREAS, **CASE WESTERN RESERVE UNIVERSITY** (hereafter referred to as Company), a university of **OHIO** having a place of business at **10900 EUCLID AVENUE, CLEVELAND OHIO 44106** is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements,

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, receipt whereof is hereby acknowledged, the undersigned hereby sell(s), assign(s) and transfer(s) unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof, for all foreign countries and under all international agreements in and to said inventions, the aforesaid application, all other applications hereafter filed in the United States, in any other country, or under any international agreement based in whole or in part on said inventions, and all Letters Patents granted upon said applications by the United States, by any other country or under any international agreement, and do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Company.

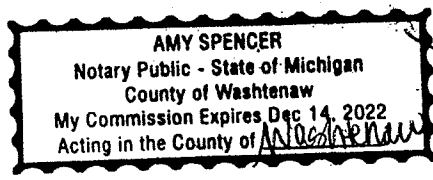
The undersigned further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries of between any other countries. The undersigned hereby warrant(s) that they/(s)he have/has the full right to make the conveyance herein, and hereby covenant(s) that the heirs, legal representatives and assigns of the undersigned, will when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign or international applications, together with individual assignment therefore, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.


IN TESTIMONY WHEREOF, the undersigned have hereunto executed this assignment at the location and on the date indicated below

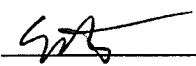
Signature:  STATE OF: MICHIGAN
Name: Vikas Gulani COUNTY OF: WASHTENAW

Before me on this 12 day of September, 2019, came Vikas Gulani, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)




Notary Public
State of Michigan
My Commission Expires: 12/14/2022

Signature: 


STATE OF: OH

Name: Satyam Ghodasara

COUNTY OF: Cuyahoga

Before me on this 20th day of Sept, 2019, came Satyam Ghodasara, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)



Notary Public,

State of OH

My Commission Expires: 09/28/2023



HONGMAN CHEN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Cuyahoga County
My Comm. Exp. 9/28/2023

Signature: Katherine Wright STATE OF: MICHIGAN
Name: Katherine Wright COUNTY OF: WASHTENAW

Before me on this 19 day of SEPTEMBER, 2019, came Katherine Wright, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

{SEAL}

DANA BULICK
NOTARY PUBLIC, STATE OF MI
COUNTY OF WASHTENAW
MY COMMISSION EXPIRES May 23, 2025
ACTING IN COUNTY OF

Dana Bulick
Notary Public,
State of MICHIGAN
My Commission Expires: 5-23-2025

Signature: Nicole Seiberlich STATE OF: MICHIGAN
Name: Nicole Seiberlich COUNTY OF: WASHTENAW

Before me on this 19 day of SEPTEMBER 2019, came Nicole Seiberlich, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Dana Bulick

Notary Public,

DANA BULICK
NOTARY PUBLIC, STATE OF MI
COUNTY OF WASHTENAW
MY COMMISSION EXPIRES May 23, 2025
ACTING IN COUNTY OF

State of MICHIGAN
My Commission Expires: 5-23-2025

WASHTENAW

Signature: [Handwritten Signature]

STATE OF: OH

Name: Mark Griswold

COUNTY OF: Cuyahoga

Before me on this 6th day of Sept., 2019, came Mark Griswold, to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

[Handwritten Signature]

Notary Public,

State of OH

My Commission Expires: 09/28/2023



HONGMAN CHEN
NOTARY PUBLIC
STATE OF OHIO
Recorded in
Cuyahoga County
My Comm. Exp. 9/28/2023