

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4805646

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NICHOLAS GREENFIELD	12/27/2017
RECEIVING PARTY DATA		
Name:	REFERENCE GENOMICS, INC.	
Street Address:	611 S VAN NESS AVENUE	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94110	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14615672
CORRESPONDENCE DATA		
Fax Number:		
<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:	415-636-8883	
Email:	docketing@alpinepatents.com	
Correspondent Name:	BRIAN VAN OSDOL	
Address Line 1:	968 ROSE AVENUE	
Address Line 4:	PIEDMONT, CALIFORNIA 94611	
ATTORNEY DOCKET NUMBER:	1CDX-M01	
NAME OF SUBMITTER:	AARON JAY HUDY	
SIGNATURE:	/AARON JAY HUDY/	
DATE SIGNED:	02/01/2018	
Total Attachments: 2		
source=1CDX-M01-ASSIGNMENT#page1.tif		
source=1CDX-M01-ASSIGNMENT#page2.tif		

This combined Declaration and Assignment is directed to the United State Patent Application entitled “SYSTEM AND METHOD FOR CHARACTERIZING BIOLOGICAL SEQUENCE DATA THROUGH A PROBABILISTIC DATA STRUCTURE,” docketed internally as “1CDX-M01,” and filed herewith (referred to herein as the “APPLICATION”).

The undersigned individual(s) (referred to herein as the “INVENTOR(S)”) authorize and request Brian Van Osdol of Alpine Patents LLC, to insert here in parentheses (Application number: 14/615,672, filed: 6-February-2015) the filing date and application number of the APPLICATION when known.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby (or previously have resolved to) assign, transfer, and set over to Reference Genomics, Inc. (referred to herein as “COMPANY”) – a state of Delaware corporation located at 611 S Van Ness Ave. San Francisco, CA, 94110– its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention for which the undersigned has/have executed the APPLICATION for patent in the United States of America, together with all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all patents (domestic and foreign) that may be granted therefor.

Such interest represents the entire ownership of the APPLICATION and patent(s) when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such patents may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States Patent and Trademark Office to issue any and all patents resulting from the APPLICATION, including without limitation any division, continuation,

continuation-in-part, or reissue thereof to COMPANY.


The INVENTOR(S) further agrees to: (a) cooperate with the COMPANY in the prosecution of the APPLICATION and foreign counterparts; (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer; and (c) perform such other acts as COMPANY lawfully may request to obtain the patent for the invention in any and all countries.

DECLARATION

As an INVENTOR, I hereby declare that:

- the APPLICATION was made or authorized to be made by me;
- I have reviewed and understand the contents and the claims of the APPLICATION;
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION; and
- I acknowledge the duty to disclose all information known to me to be material to the patentability of the claims of the APPLICATION.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

EXECUTED BY:		
Name	Signature	Date
Nicholas Greenfield		12/27/2017