

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Integrated Genomics, Inc.	12/20/2010
RECEIVING PARTY DATA	
Name:	Deutsche Effecten- und Wechsel-Beteiligungs AG
Street Address:	Leutragraben 1
City:	Jena
State/Country:	GERMANY
Postal Code:	17743
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	12346550
Application Number:	09794411
Patent Number:	7659105
CORRESPONDENCE DATA	
Fax Number:	(515)558-7790
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	515.558.0200
Email:	tzarley@zarleylaw.com
Correspondent Name:	Timothy J. Zarley
Address Line 1:	400 Locust Street
Address Line 2:	Capital Square, Suite 200
Address Line 4:	Des Moines, IOWA 50309-2350
ATTORNEY DOCKET NUMBER:	MAC PHERSON GROUP
NAME OF SUBMITTER:	Timothy J. Zarley
Total Attachments: 4	
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A S S I G N M E N T

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Deutsche Effecten- und Wechsel-Beteiligungs AG, a corporation organized under the laws of Germany, having an address of Leutragraben 1, 17743 Jena, Germany, its successors and assigns, the entire right, title and interest in the inventions or improvements of the undersigned disclosed in Letters Patent of the United States and applications for Letters Patent of the United States on the following:

U.S. Patent No. 7,659,105, filed in the United States Patent and Trademark Office on the 30th day of December, 2008, and issued on the 9th day of February, 2010, entitled METHODS AND COMPOSITIONS FOR BUTANOL PRODUCTION;

U.S. Serial No. 12/346,550, filed in the United States Patent and Trademark Office on the 30th day of December, 2008, entitled COMPOSITIONS AND METHODS FOR ENHANCING GLYCEROL UTILIZATION; and

U.S. Serial No. 09/794,411, filed in the United States Patent and Trademark Office on the 28th day of February, 2001, entitled SYSTEM, METHOD AND COMPUTER PRODUCT FOR SIMULTANEOUS ANALYSIS OF MULTIPLE GENOMES;

and in said Letters Patent, applications, and any and all other applications for United States Letters Patent, which

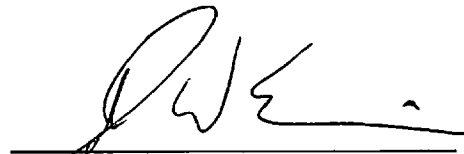
the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent and applications for Letters Patent and in any reissues or extensions thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said applications for Letters Patent of the United States to said Deutsche Effecten- und Wechsel-Beteiligungs AG.

For said considerations the undersigned hereby agrees, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, and substitute applications for said inventions or improvements, and any necessary oaths or affidavit relating thereto, and any applications for the reissue or extension of said Letters Patent and any Letters Patent that may be granted upon any said applications, and for the said considerations the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any of the applications for Letters Patent or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patents of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patents will be

held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And for said considerations the undersigned hereby assigns to said assignee, its successors and assigns, the entire right, title and interest in said inventions or improvements for any and all foreign countries and agrees upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefore, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

A handwritten signature in dark ink, appearing to read 'JWE', is written over a horizontal line.

John W. Elling
Chief Executive Officer,
& Registered Agent
Integrated Genomics, Inc.
2355 South Arlington Heights
Road, Suite 270
Arlington Heights, IL 60005

STATE OF New Mexico)) SS
COUNTY OF Santa Fe)

On this 20th day of December, 2010, before me, a Notary Public in and for the County and State aforesaid, appeared John W. Elling, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above
given.

Christine E. Martel
Notary Public

Nov. 7, 2014
Commission Expires

