

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James Casbon</td> <td>09/26/2011</td> </tr> <tr> <td>Sydney Brenner</td> <td>09/29/2011</td> </tr> <tr> <td>Robert Osborne</td> <td>09/23/2011</td> </tr> <tr> <td>Conrad Lichtenstein</td> <td>09/23/2011</td> </tr> <tr> <td>Andreas Claas</td> <td>04/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	James Casbon	09/26/2011	Sydney Brenner	09/29/2011	Robert Osborne	09/23/2011	Conrad Lichtenstein	09/23/2011	Andreas Claas	04/23/2012
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<table border="1"> <tr> <td>Name:</td> <td>Population Genetics Technologies Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Babraham Research Campus</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>CB22 3AT</td> </tr> </table>		Name:	Population Genetics Technologies Ltd.	Street Address:	Babraham Research Campus	City:	Cambridge	State/Country:	UNITED KINGDOM	Postal Code:	CB22 3AT		
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CORRESPONDENCE DATA													
Fax Number: 6503273231 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (650) 327-3400 Email: turner@bozpat.com Correspondent Name: James S. Keddle Address Line 1: 1900 University Avenue Address Line 2: Suite 200 Address Line 4: East Palo Alto, CALIFORNIA 94303													
ATTORNEY DOCKET NUMBER:	CGLC-025CON5												
NAME OF SUBMITTER:	James S. Keddle												

OP \$40.00 13853981

Signature:	/James S. Keddie, Reg. No. 48,920/
Date:	05/22/2013
Total Attachments: 2 source=CGLC-025_Ex_Assignment_All#page1.tif source=CGLC-025_Ex_Assignment_All#page2.tif	

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. CGLC-025

THIS ASSIGNMENT, by CASBON, James, BRENNER, Sydney, OSBORNE, Robert, and LICHTENSTEIN, Conrad (hereinafter referred to as the assignors), residing in Hinxton, United Kingdom; Ely, United Kingdom; Great Chesterford, United Kingdom; and London, United Kingdom respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Increasing Confidence of Allele Calls with Molecular Counting"

☒ filed on September 20, 2011 as U.S. Application Serial No. 13/237,124.

WHEREAS, **Population Genetics Technologies Ltd.**, a corporation duly organized under and pursuant to the laws of Cambridge, United Kingdom, and having its principal place of business at **Babraham Research Campus, Cambridge, United Kingdom, CB22 3AT** (hereinafter referred to as the assignee) is desirous of acquiring their right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of their right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date <u>26/9/11</u>	Name of Inventor <u>JAMES CASBON</u> Casbon, James
Date <u>29/9/11</u>	Name of Inventor <u>Sydney Brenner</u> Brenner, Sydney
Date <u>23/9/11</u>	Name of Inventor <u>Robert Osborne</u> Osborne, Robert
Date <u>23/9/11</u>	Name of Inventor <u>Conrad Lichtenstein</u> Lichtenstein, Conrad

ASSIGNMENT OF APPLICATION (SOLE)

Atty Docket No. CGLC-025

THIS ASSIGNMENT, by Andreas Claas (hereinafter referred to as the assignor), residing in Saffron Walden, Essex, United Kingdom, witnesseth:

WHEREAS, the said assignor has invented certain new and useful improvements in:

"Increasing Confidence of Allele Calls with Molecular Counting"

X filed on September 20, 2011 as U.S. Application Serial No. 13/237,124.

WHEREAS, Population Genetics Technologies Ltd, a corporation duly organized under and pursuant to the laws of United Kingdom, and having its principal place of business at Babraham Research Campus, Cambridge, United Kingdom, CB22 3AT (hereinafter referred to as the assignee) is desirous of acquiring their right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of their right title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND the said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 23/04/2012

Name of Inventor Andreas Claas

Andreas Claas

Hereby accepted on behalf of the assignee

Signature

Date:

April 27, 2012

Name (print)

MEL N KRONICK

Title and Company

DIRECTOR, POPULATION GENETICS TECHNOLOGIES LTD

PATENT

RECORDED: 05/23/2013

REEL: 030477 FRAME: 0369