

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5833343

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT OSBORNE	11/20/2019
ESTHER MUSGRAVE-BROWN	11/20/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OXFORD NANOPORE TECHNOLOGIES, LTD.
<b>Street Address:</b>	GOSLING BUILDING, EDMUND HALLEY ROAD, OXFORD SCIENCE PARK
<b>City:</b>	OXFORD
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	OX4 4DQ
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15756051
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)327-3231
<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>	6503273400
<b>Email:</b>	long@bozpat.com
<b>Correspondent Name:</b>	JAMES S. KEDDIE
<b>Address Line 1:</b>	BOZICEVIC, FIELD & FRANCIS LLP
<b>Address Line 2:</b>	201 REDWOOD SHORES PARKWAY, SUITE 200
<b>Address Line 4:</b>	REDWOOD CITY, CALIFORNIA 94065
<b>ATTORNEY DOCKET NUMBER:</b>	14MG-002
<b>NAME OF SUBMITTER:</b>	JAMES S. KEDDIE
<b>SIGNATURE:</b>	/James S. Keddie/
<b>DATE SIGNED:</b>	11/21/2019
<b>Total Attachments: 6</b>	
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**EXHIBIT A**  
**PATENT ASSIGNMENT**

THIS PATENT ASSIGNMENT (this "Assignment"), effective as of November 20, 2019 (the "Effective Date"), is made by and among Robert Osborne, an individual ("Osborne"), Esther Musgrave-Brown, an individual ("Musgrave-Brown"), and together with Osborne, "Assignors"), and Oxford Nanopore Technologies, Ltd., a company incorporated and registered in England with company number 05386273, with a registered office at Gosling Building, Edmund Halley Road, Oxford Science Park, Oxford OX4 4DQ ("Assignee"). Each of Assignors and Assignee are sometimes referred to herein individually as a "Party" and collectively as the "Parties".

**WHEREAS**, Assignors are the sole owners of record of the entire right, title and interest in and to each of the patents and patent applications listed on Schedule 1 attached hereto (the "Listed Patents"); and

**WHEREAS**, Assignee is acquiring Assignors' entire present and future right, title, and interest in, to, and under the Listed Patents and any applications claiming priority from or to or common priority with the Listed Patents, including any divisionals, continuations, continuations-in-part, foreign counterparts, substitutions, renewals, improvements, extensions, reissues, and reexaminations.

**NOW THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors do hereby absolutely and with full title guarantee sell, assign, convey, transfer and deliver unto Assignee, Assignors' entire right, title and interest in, to and under the Listed Patents, and any and all (i) patent applications filed either from the Listed Patents or from a patent application claiming priority from or to any of such foregoing patent applications, including divisionals, continuations, continuations-in-part, provisionals, converted provisionals and continued prosecution applications, (ii) patents that have issued or in the future issue from the foregoing patent applications, including utility models, petty patents and design patents and certificates of invention, (iii) extensions or restorations by existing or future extension or restoration mechanisms, including revalidations, reissues, re-examinations and extensions (including any patent term extension, supplementary protection certificates and the like) of the foregoing patents or patent applications ((i) and (ii)), and (iv) foreign counterparts thereof ((i), (ii), and (iii)) (the "Assigned Interests").

Assignors hereby authorize and request the United States Commissioner of Patents and Trademarks and the patent office of any applicable country to issue any and all patents granted on any of the Assigned Interests to Assignee as assignee of Assignors' entire right, title and interest, and hereby warrant and covenant that Assignors have the full right to convey Assignors' entire right, title and interest herein assigned, and that Assignors have not executed, and will not execute, any agreements in conflict therewith.

Assignors covenant that, when requested by Assignee and at the sole expense of Assignee, to carry out in good faith the intent and purpose of this Assignment, Assignors will (a) execute all divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all of the Assigned Interests, (b) execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Assigned Interests, (c) communicate to Assignee all facts known to Assignors relating to the Assigned Interests and the history thereof, and (d) generally do everything possible which the Assignee will consider

desirable for securing, maintaining and enforcing proper patent protection for such Assigned Interests and for vesting title to the Assigned Interests in the Assignee.

The Parties hereby agree that this Assignment is binding on the heirs, assigns, representatives and successors of Assignors and extend to the successors, assigns and nominees of Assignee.

[Signature Pages Follow]

## **Schedule 1**

- PCT App. No. PCT/IB2016/055251, filed September 1, 2016

United Kingdom Application Serial No. 1515557.5

Entitled: METHOD OF SEQUENCING

14M Genomics Reference: Split-pool

Bozicevic, Field & Francis Reference: 14MG-001GB

- PCT App. No. PCT/IB2016/055252, filed September 1, 2016

UNITED KINGDOM Application Serial No. 1515558.3

Entitled: METHOD OF SEQUENCING

14M Genomics Reference: Concatenation

Bozicevic, Field & Francis Reference: 14MG-002GB

IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be duly executed as of the Effective Date.

ASSIGNOR

Robert Osborne

Robert Osborne

By

ROBERT OSBORNE

Name

38 PILGRIM CUSE, GT CHESTERFORD

Address

20 NOV 2019

Date

[Signature Page to Patent Assignment]

PATENT  
REEL: 051081 FRAME: 0801

IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be duly executed as of the Effective Date.

**ASSIGNOR**

**Esther Musgrave-Brown**

Esther Musgrave-Brown  
By

ESTHER MUSGRAVE-BROWN  
Name

52 RONALD WAY, CAMBRIDGE  
Address CB2 9AX

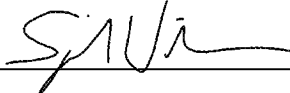
20 Nov 2019  
Date

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IN WITNESS WHEREOF, the Parties have caused this Patent Assignment to be duly executed as of the Effective Date.

**ASSIGNEE**

**Oxford Nanopore Technologies, Ltd.**

By 

Spike Willcocks  
Name

Director  
Title

21 November 2019  
Date

[Signature Page to Patent Assignment]