

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6434580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GOOD START GENETICS, INC.	10/12/2018
RECEIVING PARTY DATA	
Name:	MOLECULAR LOOP BIOSOLUTIONS, LLC
Street Address:	57 RESERVOIR STREET #1
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02138
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16952764
CORRESPONDENCE DATA	
Fax Number:	(617)856-8201
<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:	617-856-8200
Email:	ip@brownrudnick.com, srichards@brownrudnick.com
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Address Line 1:	ONE FINANCIAL CENTER
Address Line 4:	BOSTON, MASSACHUSETTS 02111
ATTORNEY DOCKET NUMBER:	MLB-002/06US 34468/40
NAME OF SUBMITTER:	THOMAS C. MEYERS
SIGNATURE:	/THOMAS C. MEYERS/
DATE SIGNED:	12/07/2020
Total Attachments: 5	
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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT ("*Patent Assignment*"), dated as of October 12, 2018, is made by Good Start Genetics, Inc., a Delaware corporation ("*Transferor*"), in favor of Molecular Loop Biosolutions, LLC, a Delaware limited liability company ("*Transferee*"), the transferee of certain assets of Transferor pursuant to an Asset Purchase Agreement between Transferor, Invitae Corporation, Transferee and OrbiMed Private Investments III, LP, dated as of the date hereof (the "*Purchase Agreement*"). Transferor and Transferee are sometimes referred to herein individually as a "*Party*" and collectively as the "*Parties*."

WHEREAS, under the terms of the Purchase Agreement, Transferor has conveyed, transferred, and assigned to Transferee, among other assets, certain intellectual property of Transferor, and has agreed to execute and deliver this Patent Assignment, for recording with the United States Patent and Trademark Office and corresponding entities or agencies in any applicable jurisdictions;

NOW, THEREFORE, the Parties agree as follows:

1. **Assignment.** For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Transferor hereby irrevocably conveys, transfers and assigns to Transferee, its successors and assigns, and Transferee hereby accepts, all of Transferor's right, title and interest in and to the following (the "*Assigned Patents*"):

(a) the patents and patent applications set forth in Schedule 1 hereto and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations and renewals thereof (the "*Patents*");

(b) all rights of any kind whatsoever of Transferor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world;

(c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(d) any and all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. **Recordation and Further Actions.** Transferor hereby authorizes the Commissioner for Patents in the United States Patent and Trademark Office and the officials of corresponding entities or agencies in any applicable jurisdictions to record and register this Patent Assignment upon request by Transferee. Following the date hereof, upon Transferee's reasonable request, and at Transferee's sole cost and expense, Transferor shall take such steps and actions, and provide such cooperation and assistance to Transferee and its successors, assigns and legal representatives, including the execution and delivery of any affidavits, declarations, oaths,

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exhibits, assignments, powers of attorney or other documents, as may be reasonably necessary to effect, evidence or perfect the assignment of the Assigned Patents to Transferee, or any assignee or successor thereto, and to maintain, enforce and exploit the Assigned Patents.

3. Terms of the Purchase Agreement. The Parties hereto acknowledge and agree that this Patent Assignment is entered into pursuant to the Purchase Agreement, to which reference is made for a further statement of the rights and obligations of Transferor and Transferee with respect to the Assigned Patents. The representations, warranties, covenants, agreements and indemnities contained in the Purchase Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Purchase Agreement and the terms hereof, the terms of the Purchase Agreement shall govern.

4. Counterparts. This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.

5. Successors and Assigns. This Patent Assignment shall be binding upon and shall inure to the benefit of the Parties hereto and their respective successors and assigns.

6. Governing Law; Submission to Jurisdiction; Waiver of Jury Trial. This Patent Assignment shall be governed by and construed in accordance with the internal laws of the State of Delaware without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction) that would cause the application of Laws of any jurisdiction other than those of the State of Delaware. Any legal suit, action or proceeding arising out of or based upon this Patent Assignment or the transactions contemplated hereby may be instituted in the federal courts of the United States or the courts of the State of California in each case located in the city and county of San Francisco, and each Party irrevocably submits to the exclusive jurisdiction of such courts in any such suit, action or proceeding. Service of process, summons, notice or other document by mail to such Party's address set forth herein shall be effective service of process for any suit, action or other proceeding brought in any such court. The Parties irrevocably and unconditionally waive any objection to the laying of venue of any suit, action or any proceeding in such courts; irrevocably waive and agree not to plead or claim in any such court that any such suit, action or proceeding brought in any such court has been brought in an inconvenient forum; and irrevocably and unconditionally waive their right to a jury trial.

[Signature Page Follows]

IN WITNESS WHEREOF, the Parties have duly executed and delivered this Patent Assignment as of the date first above written.

GOOD START GENETICS, INC.

DocuSigned by:
By: Sean George
Name: Sean George
Title: President and Chief Executive Officer

MOLECULAR LOOP BIOSOLUTIONS, LLC

By: _____
Name: Gregory Porreca
Title: Manager

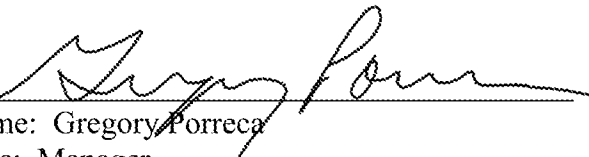
[SIGNATURE PAGE]

IN WITNESS WHEREOF, the Parties have duly executed and delivered this Patent Assignment as of the date first above written.

GOOD START GENETICS, INC.

By: _____
Name: Sean George
Title: President and Chief Executive Officer

MOLECULAR LOOP BIOSOLUTIONS, LLC

By:  _____
Name: Gregory Porreca
Title: Manager

[SIGNATURE PAGE]

SCHEDULE 1

PATENTS

Patents and Pending Applications

US 9,115,387 Methods for analyzing nucleic acids
US 8,778,609 Methods for analyzing nucleic acids
US 9,677,124 Methods for analyzing nucleic acids
US 15/620129 Methods for analyzing nucleic acids
EP 14770132 Methods for analyzing nucleic acids
US 13/266862 Methods and compositions for evaluating genetic markers
IL 216054 Methods and compositions for evaluating genetic markers
IN 8063/CHENP/2011 Methods and compositions for evaluating genetic markers
US 13/448961 Capture reactions
US 8,738,300 Sequence assembly
US 8,209,130 Sequence assembly
US 14/250891 Sequence assembly
CA 2869574 Sequence assembly
EP 13772357.3 Sequence assembly
US 9,163,281 Methods for maintaining the integrity and identification of a nucleic acid template in a multiplex sequencing reaction
JP 5789307 Methods for maintaining the integrity and identification of a nucleic acid template in a multiplex sequencing reaction
US 14/854629 Methods for maintaining the integrity and identification of a nucleic acid template in a multiplex sequencing reaction
US 14/512682 Methods for assessing the genomic region of a subject
US 14/848887 Methods for selectively suppressing non-target sequences
US 15/231687 Methods and compositions for evaluating genetic markers
US 13/934,093
US 14/989,073
US 15/029,807 Methods for Copy Number Determination