

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM463146

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | RELEASE OF SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| Western Alliance Bank | FORMERLY Bridge Bank, National Association | 02/22/2018 | Chartered Bank: UNITED STATES |
| RECEIVING PARTY DATA | | | |
| Name: | Good Start Genetics, Inc. | | |
| Street Address: | 237 Putnam Avenue | | |
| City: | Cambridge | | |
| State/Country: | MASSACHUSETTS | | |
| Postal Code: | 02139 | | |
| Entity Type: | Corporation: DELAWARE | | |
| PROPERTY NUMBERS Total: 7 | | | |
| Property Type | Number | Word Mark | |
| Serial Number: | 85093437 | GOODSTART GENETICS | |
| Serial Number: | 85599068 | GOODSTART SELECT | |
| Serial Number: | 85599066 | GSG LABSOLUTIONS | |
| Serial Number: | 85599063 | GSG SOLUTIONS | |
| Serial Number: | 85599051 | GIVING THE NEXT GENERATION A GOOD START | |
| Serial Number: | 85600801 | HELPING TO GIVE THE NEXT GENERATION A GO | |
| Serial Number: | 85683029 | GOODSTART TESTSELECT | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | 6178568201 | | |
| <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: | 617-856-8483 | | |
| Email: | ip@brownrudnick.com | | |
| Correspondent Name: | Thomas C. Meyers | | |
| Address Line 1: | Brown Rudnick LLP | | |
| Address Line 2: | One Financial Center | | |
| Address Line 4: | Boston, MASSACHUSETTS 02111 | | |
| ATTORNEY DOCKET NUMBER: | 029258/1 | | |
| NAME OF SUBMITTER: | Thomas C. Meyers | | |

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| SIGNATURE: | /Thomas C. Meyers/ |
| DATE SIGNED: | 02/23/2018 |
| Total Attachments: 8 source=Release of IP#page1.tif source=Release of IP#page2.tif source=Release of IP#page3.tif source=Release of IP#page4.tif source=Release of IP#page5.tif source=Release of IP#page6.tif source=Release of IP#page7.tif source=Release of IP#page8.tif | |

RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Release of Intellectual Property Security Agreement (this "Release") is made as of February 22, 2018, and granted by WESTERN ALLIANCE BANK, as successor in interest to BRIDGE BANK, NATIONAL ASSOCIATION (the "Lender"), in its capacity as lender pursuant to that certain Loan and Security Agreement, dated December 21, 2012 (together with all amendments and modifications, if any, from time to time thereafter made thereto, the "Loan Agreement") by and between Good Start Genetics, Inc., a Delaware corporation ("Grantor") and the Lender. Capitalized terms used herein have the meanings attributed thereto in the Loan Agreement unless otherwise defined herein.

WHEREAS, pursuant to the Loan Agreement, a security interest (the "Security Interest") was granted by the Grantor to the Lender in certain collateral, including the Intellectual Property Collateral (as defined in the Intellectual Property Security Agreement (hereinafter defined));

WHEREAS, pursuant to the terms and conditions of that Intellectual Property Security Agreement, dated as of April 25, 2013 (the "Intellectual Property Security Agreement"), between the Grantor and the Lender, which was recorded with the United States Patent and Trademark Office on April 20, 2013, on Reel 030315 Frame 0963, and which was recorded with the United States Patent and Trademark Office on April 30, 2013, on Reel 005026 Frame 0092, the Grantor granted to the Lender a Security Interest in all right, title, and interest of Grantor in, to and under the Intellectual Property Collateral; and

WHEREAS, the Lender now desires to terminate, cancel, discharge and release the entirety of its Security Interest in the Intellectual Property Collateral.

NOW, THEREFORE, for good and valuable consideration including the satisfaction of all obligations, indebtedness and liabilities secured by the Intellectual Property Collateral pursuant to the Loan Agreement, the receipt and adequacy of which are hereby acknowledged, and upon the terms set forth in this Release, the Lender hereby agrees as follows:

1. **Definitions**. The term "Intellectual Property Collateral" shall have the meaning provided by reference in the Intellectual Property Security Agreement, and shall include, without limitation, the Copyrights described in Exhibit A hereto, the Trademarks described in Exhibit B hereto, and the Patents and Patent Applications described in Exhibit C hereto.
2. **Release of Security Interest**. The Lender hereby terminates the Intellectual Property Security Agreement and hereby terminates, cancels, discharges and releases its Security Interest in the Intellectual Property Collateral, in each case without warranty or recourse. If and to the extent the Lender has acquired any right, title or interest in, to or under any of the Intellectual Property Collateral, then the Lender hereby assigns, transfers, conveys and delivers such right, title or interest to the Grantor, in each case without warranty or recourse.
3. **Further Assurances**. The Lender shall take all further actions, and provide to the Grantor and its successors, assigns or other legal representatives, with cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), in each case reasonably requested by the Grantor in writing to more fully and effectively effectuate the purposes of this Release, in each case at the Grantor's sole expense.
4. **Governing Law**. This Release shall be construed in accordance with and governed by the law of the State of California without regard to its conflicts of laws principles.

[Signature Page Follows]

IN WITNESS WHEREOF, the Lender has caused this Release to be executed and delivered by its duly authorized officer as of the date first set forth above.

LENDER:
WESTERN ALLIANCE BANK, as successor in interest
to BRIDGE BANK, NATIONAL ASSOCIATION

By: 

Name: Darren Grastrack

Title: VP

Exhibit A
COPYRIGHTS

None.

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**EXHIBIT B
TRADEMARKS**

| Application Number | Mark | Filing Date |
|---|---|--------------------|
| Serial No. 85093437 Registration No. 4096815 | GOOD START GENETICS | 27-July-2010 |
| Serial No. AU1405764 | GOOD START GENETICS | 27-Jan-2011 |
| Serial No. CA1512721 | GOOD START GENETICS | 26-Jan-2011 |
| Serial No. CN9066430 | GOOD START GENETICS | 27-Jan-2011 |
| Serial No. EC9689522 | GOOD START GENETICS | 27-Jan-2011 |
| Serial No. JP2011-005125 | GOOD START GENETICS | 27-Jan-2011 |
| Serial No. 85/599068 | GOODSTART SELECT | 16-Apr-2012 |
| Serial No. 85/599066 | GSG LABSOLUTIONS | 16-Apr-2012 |
| Serial No. 85/599063 | GSG SOLUTIONS | 16-Apr-2012 |
| Serial No. 85/599051 | GIVING THE NEXT GENERATION A GOOD START | 16-Apr-2012 |
| Serial No. 85/600801 | HELPING TO GIVE THE NEXT GENERATION A GOOD START | 18-Apr-2012 |
| Serial No. 85/683029 | GOODSTART TESTSELECT | 20-Jul-2012 |

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EXHIBIT C
 PATENTS and PATENT APPLICATIONS
 Patent Applications:

| Patent Application Number | Country | Filing Date | Title | Attorney Docket Number | Status | Priority |
|---------------------------|---------|-------------|--|------------------------|---------|---------------------------|
| 61/426,817 | US | 23-Dec-10 | METHODS FOR MAINTAINING THE INTEGRITY AND IDENTIFICATION OF A NUCLEIC ACID TEMPLATE IN A MULTIPLEX SEQUENCING REACTION | GSGE-001/00US | Expired | |
| 13/081,660 | US | 07-Apr-11 | METHODS FOR MAINTAINING THE INTEGRITY AND IDENTIFICATION OF A NUCLEIC ACID TEMPLATE IN A MULTIPLEX SEQUENCING REACTION | GSGE-001/01US | Pending | 61/426,817 |
| PCT/US11/65098 | PCT | 15-Dec-11 | METHODS FOR MAINTAINING THE INTEGRITY AND IDENTIFICATION OF A NUCLEIC ACID TEMPLATE IN A MULTIPLEX SEQUENCING REACTION | GSGE-001/01WO | Pending | 61/426,817; 13/081,660 |
| 61/174,470 | US | 30-Apr-09 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE-002/00US | Expired | |
| 61/178,923 | US | 15-May-09 | METHODS AND COMPOSITIONS FOR ENHANCING THE SENSITIVITY OF NUCLEIC ACID ANALYSIS | GSGE-003/00US | Expired | |
| 61/179,358 | US | 18-May-09 | METHODS AND COMPOSITIONS FOR REDUCING DIAGNOSTIC ERRORS ASSOCIATED WITH BIAS IN PREPARATIONS OF NUCLEIC ACIDS | GSGE-004/00US | Expired | |
| 61/182,089 | US | 28-May-09 | EVALUATIONS OF TARGET LENGTH IN NUCLEIC ACID CAPTURE-BASED ASSAYS | GSGE-005/00US | Expired | |

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| PCT/US10/01 293 | PCT | 30-Apr-10 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01WO | Nationalized | 61/178,923; 61/179,358; 61/182,086; 61/174,470. |
| 2010242073 | AU | 30-Apr-10 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01AU | Pending | 61/178,923; 61/179,358; 61/182,086; 61/174,470; PCT/US2010/0 01293 |
| 2760439 | CA | 30-Apr-10 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01CA | Published | 61/178,923; 61/179,358; 61/182,086; 61/174,470; PCT/US2010/0 01293 |
| 10770071.8 | EP | 30-Apr-10 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01EP | Published | 61/178,923; 61/179,358; 61/182,086; 61/174,470; PCT/US2010/0 01293 |
| 216054 | IL | 30-Apr-10 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01IL | Pending | 61/178,923; 61/179,358; 61/182,086; 61/174,470; PCT/US2010/0 01293 |
| 8063/CHENP (2011) | IN | 30-Apr-10 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01IN | Pending | 61/178,923; 61/179,358; 61/182,086; 61/174,470; PCT/US2010/0 01293 |
| 2012-508490 | JP | 30-Apr-10 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01JP | Pending | 61/178,923; 61/179,358; 61/182,086; 61/174,470; PCT/US2010/0 01293 |
| 13/266,862 | US | 28-Oct-11 | METHOD FOR REDUCING REPRESENTATIONAL BIAS IN MULTIPLEX AMPLIFICATION OF NUCLEIC ACIDS | GSGE- 002/01US | Pending | 61/178,923; 61/179,358; 61/182,086; 61/174,470; PCT/US2010/0 01293 |

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| 61/789,164 | US | 15-Mar-13 | METHODS AND COMPOSITIONS FOR EVALUATING GENETIC MARKERS | GSGE-002/02US | Pending | |
| 13/077,169 | US | 31-Mar-11 | METHODS FOR MAINTAINING THE INTEGRITY AND IDENTIFICATION OF A NUCLEIC ACID TEMPLATE IN A MULTIPLEX SEQUENCING REACTION | GSGE-006/00US | Pending | |
| PCT/US12/29790 | PCT | 20-Mar-12 | METHODS FOR MAINTAINING THE INTEGRITY AND IDENTIFICATION OF A NUCLEIC ACID TEMPLATE IN A MULTIPLEX SEQUENCING REACTION | GSGE-006/01WO | Pending | 13/077,169 |
| 13/439,508 | US | 4-Apr-12 | SEQUENCE ASSEMBLY | GSGE-007/00US | Issued, US \$,209,130 | |
| 13/494,616 | US | 13-Jun-12 | SEQUENCE ASSEMBLY | GSGE-007/01US | Pending | 13/439,508 |
| PCT/US13/33435 | US | 22-Mar-13 | SEQUENCE ASSEMBLY | GSGE-007/01WO | Pending | 13/439,508 and 13/494,616 |
| 61/548,073 | US | 17-Oct-11 | ANALYSIS METHODS | GSGE-008/00US | Expired | |
| 13/616,788 | US | 14-Sept-12 | ANALYSIS METHODS | GSGE-008/01US | Pending | 61/548,073 |
| PCT/US12/55362 | PCT | 14-Sept-12 | ANALYSIS METHODS | GSGE-008/01WO | Pending | 61/548,073 |
| 61/624,778 | US | 16-Apr-12 | PERFORMANCE OF CAPTURE REACTIONS | GSGE-009/00US | Pending | |
| 13/448,961 | US | 17-Apr-12 | CAPTURE REACTIONS | GSGE-009/01US | Pending | 61/624,778 |
| 61/621,779 | US | 9-Apr-12 | VARIANT DATABASE | GSGE-010/00US | Pending | |
| 13/667,575 | US | 2-Nov-12 | VARIANT DATABASE | GSGE-010/01US | Pending | 61/621,779 |
| PCT/US13/32885 | US | 19-Mar-13 | VARIANT DATABASE | GSGE-010/01WO | Pending | 61/621,779 and 13/667,575 |
| 61/707,495 | US | 28-Sept-12 | OPTIMIZATION OF BIOMARKER NUMBERS IN SCREENING ASSAYS | GSGE-012/00US | Pending | |

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|------------|----|-----------|---|-------------------|---------|
| 13/488,142 | US | 4-Jun-12 | DETERMINING THE CLINICAL SIGNIFICANCE OF VARIANT SEQUENCES | GSGE- 011/00US | Pending |
| 61/723,550 | US | 7-Nov-12 | METHODS AND SYSTEMS FOR IDENTIFYING CONTAMINATION IN SAMPLES | GSGE- 013/00US | Pending |
| 61/723,508 | US | 7-Nov-12 | VALIDATION OF GENETIC TESTS | GSGE- 014/00US | Pending |
| 61/784,624 | US | 14-Mar-13 | METHODS FOR ANALYZING NUCLEIC ACIDS | GSGE- 016/00US | Pending |

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