PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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VASANTH JAYARAMAN	03/20/2015
TIANHAO WANG	03/20/2015
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HARI KRISHNAN KRISHNAMURTHY	03/20/2015

RECEIVING PARTY DATA

Name:	VIBRANT HOLDINGS, LLC	
Street Address:	1021 HOWARD AVE	
City:	SAN CARLOS	
State/Country:	CALIFORNIA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16925224

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	IBER: VIB-006C4	
NAME OF SUBMITTER:	MAYIM E. WIENS	
SIGNATURE:	/Mayim E. Wiens/	
DATE SIGNED:	01/28/2021	

Total Attachments: 2

PATENT REEL: 055069 FRAME: 0181 source=VIB-006C4-Assignment-signed-from-parent#page1.tif source=VIB-006C4-Assignment-signed-from-parent#page2.tif

PATENT REEL: 055069 FRAME: 0182

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to VIBRANT HOLDINGS, LLC, a Delaware corporation, having a place of business at 1116 Tournament Drive Hillsborough, California 94010 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. PCT/US2013/062773, entitled "METHODS, SYSTEMS, AND ARRAYS FOR BIOMOLECULAR ANALYSIS," filed on September 30, 2013, which claims priority from US Provisional Application Nos. 61/707,758 filed September 28, 2012; 61/732,221 filed November 30, 2012; 61/765,584 filed February 15, 2013; 61/805,884 filed March 27, 2013; and 61/866,512 filed August 15, 2013, and International Patent Application No. PCT/US2013/025190 filed February 7, 2013.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

Title: Filed: Methods, Systems, and Arrays for Biomolecular Analysis

September 30, 2013

Application No.:

PCT/US2013/062773

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature	Date of Signature じょうこうしん
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John J. Rajasekaran	The state of the s
Name and Signature	Date of Signature
<u>Alasont</u>	03-20-2015
Vakanth Jayaraman	
Name and Signature	Date of Signature
	03-20-00-00-00-00-00-00-00-00-00-00-00-00-
Tiànhao Wang	
Name and Signature	Date of Signature
Kang/Bei	<u> </u>
Name nàd Signature	Date of Signature
<u> </u>	03-20-2015
Hati Krishnan Krishnamurthy	

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