

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6428659

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BILLY WAYNE COLSTON JR.	03/16/2010
BENJAMIN JOSEPH HINDSON	03/16/2010
KEVIN DEAN NESS	03/16/2010
DONALD ARTHUR MASQUELIER	03/03/2010
FRED PAUL MILANOVICH	03/16/2010
DOUGLAS N. MODLIN	03/15/2010
VINCENT RIOT	03/14/2010
SAMUEL BURD	03/15/2010
ANTHONY JOSEPH MAKAREWICZ JR.	03/16/2010
PHILLIP BELGRADER	03/12/2010
ISAAC J. BRIGHT	03/16/2010
MICHAEL Y. LUCERO	03/16/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUANTALIFE, INC.
<b>Street Address:</b>	7068 KOLL CENTER PARKWAY, SUITE 401
<b>City:</b>	PLEASANTON
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94566
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17110095
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(503)972-9115
<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>	5032246655
<b>Email:</b>	mandi@khpatent.com
<b>Correspondent Name:</b>	JAMES R. ABNEY / KOLISCH HARTWELL, P.C.
<b>Address Line 1:</b>	520 SW YAMHILL STREET, SUITE 300
<b>Address Line 4:</b>	PORTLAND, OREGON 97204

PATENT

<b>ATTORNEY DOCKET NUMBER:</b>	QLI3A14
<b>NAME OF SUBMITTER:</b>	JAMES R. ABNEY
<b>SIGNATURE:</b>	/ James R. Abney /
<b>DATE SIGNED:</b>	12/02/2020

**Total Attachments: 12**

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## ASSIGNMENT

WHEREAS, we, Billy Wayne Colston, Jr. of San Ramon, California, Benjamin Joseph Hindson of Livermore, California, Kevin Dean Ness of San Mateo, California, Donald Arthur Masquelier of Tracy, California, Fred Paul Milanovich of Danville, California, Douglas N. Modlin of ~~Palo Alto~~, <sup>Livermore</sup> California, Vincent Riot of Oakland, California, Samuel Burd of Livermore, California, Anthony Joseph Makarewicz, Jr. of Livermore, California, Phillip Belgrader of Severna Park, Maryland, Isaac J. Bright of Portola Valley, California, and Michael Y. Lucero of South San Francisco, California, have invented and/or participated in work leading to the invention of certain improvements in a DROPLET-BASED ASSAY SYSTEM, for which the following patent applications have been filed:

- U.S. Provisional Patent Application Serial No. 61/271,538, filed July 21, 2009, titled AMPLIFICATION SYSTEM FOR POINT-OF-CARE TESTING;
- U.S. Provisional Patent Application Serial No. 61/275,731, filed September 1, 2009, titled CONTROLS AND CALIBRATORS FOR TESTS OF NUCLEIC ACID AMPLIFICATION PERFORMED IN DROPLETS;
- U.S. Provisional Patent Application Serial No. 61/277,249, filed September 21, 2009, titled CARTRIDGE WITH LYSIS CHAMBER AND DROPLET GENERATOR;
- U.S. Provisional Patent Application Serial No. 61/277,204, filed September 21, 2009, titled DROPLET GENERATOR FOR DROPLET-BASED ASSAYS;
- U.S. Provisional Patent Application Serial No. 61/277,200, filed September 21, 2009, titled CONTINUOUS FLOW THERMOCYCLER;
- U.S. Provisional Patent Application Serial No. 61/277,203, filed September 21, 2009, titled DETECTION SYSTEMS FOR DROPLET-BASED ASSAYS;
- U.S. Provisional Patent Application Serial No. 61/277,216, filed September 21, 2009, titled QUANTIFICATION OF DROPLET-BASED ASSAYS;
- U.S. Provisional Patent Application Serial No. 61/277,270, filed September 22, 2009, titled DROPLET-BASED ASSAY SYSTEM;

- U.S. Patent Application Serial No. 12/586,626, filed September 23, 2009, titled DROPLET-BASED ASSAY SYSTEM; and
- PCT Patent Application Serial No. PCT/US2009/005317, filed September 23, 2009, titled DROPLET-BASED ASSAY SYSTEM.

WHEREAS, Quantalife, Inc., a Delaware corporation, having its principal place of business in Pleasanton, California, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, we, Billy Wayne Colston, Jr., Benjamin Joseph Hindson, Kevin Dean Ness, Donald Arthur Masquelier, Fred Paul Milanovich, Douglas N. Modlin, Vincent Riot, Samuel Burd, Anthony Joseph Makarewicz, Jr., Phillip Belgrader, Isaac J. Bright, and Michael Y. Lucero, have sold, assigned, and transferred, and do hereby sell, assign, and transfer, to QuantaLife, Inc., its successors and assigns, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.


We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to QuantaLife, Inc., as the assignee of our entire right, title, and interest in and to the same, for the sole use of QuantaLife, Inc., and its successors and assigns.

Further, we hereby covenant and agree to and with QuantaLife, Inc., and its successors and assigns, at the time of execution and delivery of these presents, that we are the sole and lawful owner of the entire right, title, and interest in and to the invention and the

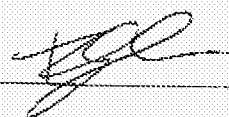
above-identified provisional patent applications, and that the same are unencumbered, and that we have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

Further, we agree that we will communicate to QuantaLife, Inc., or its representatives, any facts known to us respecting the invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to QuantaLife, Inc., make all rightful oaths, and generally do everything possible to aid QuantaLife, Inc., and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of March, 2010.

  
BILLY WAYNE COLSTON, JR.

Witness:

Signature: 

Name: TINA LEGLER


Address: 2663 REMINGTON WAY

City & State: TRACY CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
March, 2010.

Ben Hudson  
BENJAMIN JOSEPH HINDSON

Witness:

Signature: 

Name: TINA LEGLER

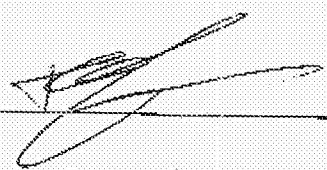
Address: 2663 REMINGTON WAY

City & State: TRACY CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of  
March, 2010.

Kevin Dean Ness  
KEVIN DEAN NESS

Witness:

Signature: 

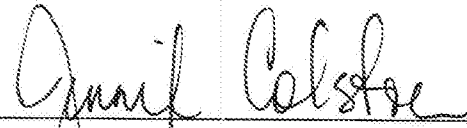
Name: TINA LEGLER

Address: 2663 REMINGTON WAY

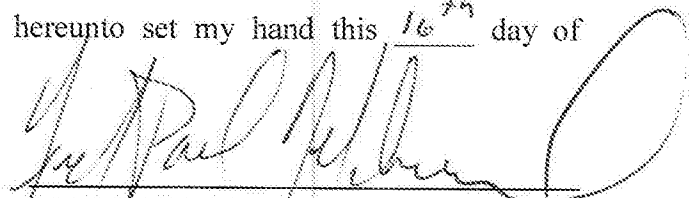
City & State: TRACY CA

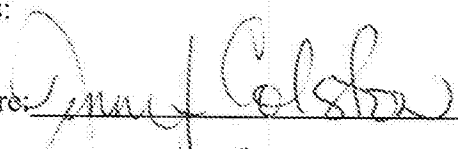
IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of  
MARCH, 2010.

  
DONALD ARTHUR MASQUELIER

Witness:  
Signature:   
Name: Jennifer Colston  
Address: 9981 Torreon Ave.  
City & State: San Ramon, CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16<sup>th</sup> day of  
MARCH, 2010.

  
FRED PAUL MILANOVICH

Witness:  
Signature:   
Name: Jennifer Colston  
Address: 9981 Torreon Ave.  
City & State: San Ramon, CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of March, 2010.

Douglas N. Modlin  
DOUGLAS N. MODLIN

Witness:

Signature: Robin Modlin

Name: Robin Modlin

Address: 2657 ~~El~~ Thomas Court

City & State: Livermore, CA 94550

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
VINCENT RIOT

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_



IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
DOUGLAS N. MODLIN

Witness:


Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of MARCH, 2010.

  
\_\_\_\_\_  
VINCENT RIOT

Witness:

Signature: Lana Radosevic

Name: Lana Radosevic

Address: 8100 Greenly Dr.

City & State: Oakland, CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of  
MARCH, 2010.

Samuel Burd  
SAMUEL BURD

Witness:

Signature: Jennifer Colston

Name: Jennifer Colston

Address: 9981 Torreon Ave.

City & State: San Ramon, CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of  
\_\_\_\_\_, 2010.

\_\_\_\_\_  
ANTHONY JOSEPH MAKAREWICZ, JR.

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

SAMUEL BURD

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of March, 2010.

Anthony J. Makarewicz, Jr.  
ANTHONY JOSEPH MAKAREWICZ, JR.

Witness:

Signature: 

Name: TINA LEGLER

Address: 2663 REMINGTON WAY

City & State: TRACY CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of March, 2010.

  
PHILLIP BELGRADER

Witness:

Signature: Anthony J. Makarewicz

Name: Anthony J. Makarewicz

Address: 4439 Gale St.

City & State: Livermore, CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
ISAAC J. BRIGHT

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2010.

\_\_\_\_\_  
PHILLIP BELGRADER

Witness:

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City & State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of March, 2010.

  
\_\_\_\_\_  
ISAAC J. BRIGHT

Witness:

Signature: TJL

Name: TINA LEGLER

Address: 2663 REMINGTON WAY


City & State: TRACY CA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of

March, 2010.

  
MICHAEL Y. LUCERO

Witness:

Signature: 

Name: TINA LEGLER

Address: 2663 REMINGTON WAY

City & State: TRACY CA