

## TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNS THE ENTIRE INTEREST AND THE GOODWILL		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Orchid Cellmark, Inc.		01/10/2013	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Laboratory Corporation of America Holdings		
Street Address:	531 South Spring Street		
City:	Burlington		
State/Country:	NORTH CAROLINA		
Postal Code:	27215		
Entity Type:	CORPORATION: DELAWARE		
PROPERTY NUMBERS Total: 4			
Property Type	Number	Word Mark	
Registration Number:	3440607	HERITAGEID	
Registration Number:	3129535	BIOTRACKS	
Registration Number:	3100669	ID-SECURE	
Serial Number:	85682961	ORCHID CELLMARK	
CORRESPONDENCE DATA			
Fax Number:	3366077500		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	336-607-7300		
Email:	kfrith@kilpatricktownsend.com		
Correspondent Name:	William M. Bryner		
Address Line 1:	1001 West Fourth Street		
Address Line 2:	Kilpatrick Townsend & Stockton LLP		
Address Line 4:	Winston-Salem, NORTH CAROLINA 27101		
ATTORNEY DOCKET NUMBER:	57618-341128		

OP \$115.00 3440607

NAME OF SUBMITTER:	William M. Bryner
Signature:	/William M. Bryner/
Date:	02/09/2013
<b>Total Attachments: 6</b> source=Cellmark to Holdings#page1.tif source=Cellmark to Holdings#page2.tif source=Cellmark to Holdings#page3.tif source=Cellmark to Holdings#page4.tif source=Cellmark to Holdings#page5.tif source=Cellmark to Holdings#page6.tif	

**TRADEMARK ASSIGNMENT**

THIS ASSIGNMENT is made the 10<sup>th</sup> day of January 2017, by and between Orchid Cellmark, Inc., a Delaware corporation with a business address at 531 South Spring Street, Burlington, North Carolina 27215 United States (hereinafter "ASSIGNOR"), and Laboratory Corporation of America Holdings, a Delaware corporation with a business address at 531 South Spring Street, Burlington, North Carolina 27215, United States (hereinafter "ASSIGNEE").

**WHEREAS**, ASSIGNOR has adopted and is the record owner of the trademarks shown in the attached Schedule A (collectively, the "Marks"):

**WHEREAS**, ASSIGNEE is desirous of acquiring the Marks, together with the goodwill of the business associated with the Marks;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby assigns to ASSIGNEE all right, title and interest in and to the Marks, together with the goodwill of the business symbolized thereby, all common law rights to the Marks, all rights of action accrued and to accrued under and by virtue thereof, including without limitation the right to sue and recover for past infringement of the Marks and collect the same for its own use and benefit and for the use and benefit of its successors, assigns and legal representative, and all records and files exclusively relating to the Marks.

**IN WITNESS WHEREOF**, ASSIGNOR has executed this Trademark Assignment on the day shown above.

(SIGNATURE ON FOLLOWING PAGE)

ORCHID CELLMARK, INC.

Sandra D. Vander Vaart  
(signature)

Sandra D. Vander Vaart  
(printed name)

Title: Assistant Secretary

NOTARIAL ACKNOWLEDGMENT

COUNTRY OF UNITED STATES OF AMERICA

STATE OF North Carolina

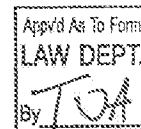
COUNTY OF Alamance

I certify that the following person personally appeared before me this day, acknowledging to me that he/she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated: Sandra D. Vander Vaart

Witness my hand and official seal, this the 10<sup>th</sup> day of January,  
A.D. 2013.

Colin A. Wilson  
Notary Public



My commission expires: April 4, A.D. 2015.



Trademarks Owned by Orchid Cellmark, Inc.

Country	Mark	Status	Serial No Filing Date	Reg. No. Reg. Date	Owner	Class/Description
United States of America	HERITAGEID	Registered	78655921 Jun 22, 2005	3440607 Jun 3, 2008	Orchid Cellmark Inc.	16 Printed card containing individual specific genetic profile. 44 Genetic testing for medical, relationship or genealogical purposes.
United States of America	ORCHID CELLMARK	Pending	85682961 Jul 20, 2012		Orchid Cellmark Inc.	44 Scientific research, testing and laboratory testing services in the field of biology, genetics, and therapeutics; forensic research and testing services for the purpose of identifying DNA.
United States of America	BIOTRACKS	Registered	78702239 Aug 29, 2005	3129535 Aug 15, 2006	Orchid Cellmark, inc.	42 Forensic testing services for the identification of DNA.
United States of America	ID-SECURE	Registered	78656017 Jun 22, 2005	3100669 Jun 6, 2008	Orchid Cellmark, Inc.	42 Performance of DNA testing and the generation of a genetic profile for use in forensic applications.


Foreign Trademarks Owned by Orchid Cellmark, Inc.

Country	Mark	Status	Serial No Filing Date	Reg. No. Reg. Date	Next Action Due	Owner	Class/Description
Japan	LIFEMATCH (and design) 	Registered	2002036171 May 2, 2002	4680452 Jun 6, 2003	Renewal Jun 6, 2013	Orchid BioComputer, Inc.	10 Medical apparatus.
European Union	LIFE MATCH (and design) 	Registered	2581049 Feb 11, 2002	2581049 Apr 15, 2004	Renewal Feb 11, 2022	Orchid BioSciences, Inc.	10 Molecular HLA typing kits and HLA antibody detection kits; technology for molecular HLA typing and detection of HLA antibodies; fluoroanalyzer for use in molecular HLA typing and HLA antibody detection.
European Union	ORCHID CELLMARK	Registered	2440923 Oct 31, 2001	2440923 Jun 23, 2003	Renewal Oct 31, 2021	Orchid BioSciences, Inc.	01 Chemicals for use in genetic research; assays and reagents for use in genetic research; and reagent kits comprising reagents for genetic research and instructions for use therewith.  09 Computer hardware for genetic research; computer software for genetic diversity analysis in the field of genetic research and testing, laboratory instruments and apparatus namely, reaction plates and detection plates and the like.  42 Research, testing and screening services in the fields of biology, genetics and therapeutics and forensic research, testing and identification services.
Canada	ORCHID CELLMARK	Registered	1249908 Mar 9, 2005	TMA709973 Mar 19, 2006	Renewal Mar 19, 2023	Orchid BioSciences, Inc.	Research and identity genomics services for forensic and paternity DNA testing markets as well as public health and animal DNA testing for food safety.

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Country	Mark	Status	Serial No Filing Date	Reg. No. Reg. Date	Next Action Due	Owner	Class/Description
Canada	<p>ORCHID DESIGN</p> 	Registered	<p>1094578 Nov 30, 2000</p>	<p>TMA679556 Apr 15, 2003</p>	<p>Renewal Apr 15, 2018</p>	Orchid BioSciences, Inc.	<p>Chemical assays for scientific or medical research use, chemical reagents for scientific or medical research use and reagent kits consisting primarily of reagents for scientific or medical research use; scientific devices, namely computer software and hardware for genetic research, microfluidic instruments and microfluidic chips for scientific or medical research use, and DNA and chemical synthesizers for scientific or medical research use.</p> <p>Chemical assays for scientific or medical research use, chemical reagents for scientific or medical research use, and reagent kits, scientific devices, namely computer software and hardware for genetic research, microfluidic instruments, DNA and chemical synthesizers, and related components namely microfluidic chips and assay and reagent kits.</p> <p>Research, testing and screening services in the fields of biology, genetics and therapeutics, including polymorphism genotyping, compound synthesis and analysis, custom primer design and synthesis.</p>

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Country	Mark	Status	Serial No Filing Date	Reg. No. Reg. Date	Next Action Due	Owner	Class/Description
European Union	ORCHID GENESHIELD	Registered	2440949 Oct 31, 2001	2440949 Apr 17, 2003	Renewal Oct 31, 2021	Orchid BioSciences, Inc.	01 Chemical for use in genetic research; assays and reagents for use in genetic research; and reagent kits comprising reagents for genetic research. 09 Computer hardware for genetic research; computer software for genetic diversity analysis in the field of genetic research and testing; laboratory instruments and apparatus namely reaction plates and detection plates and the like. 42 Research, testing and screening services in the field of biology, genetics and therapeutics and forensic research, testing and identification services.
European Union	ID-SECURE	Registered	4681508 Oct 12, 2005	4681508 Sep 14, 2006	Renewal Oct 12, 2015	Orchid Cellmark, Inc.	42 Performance of DNA testing and the generation of a genetic profile for use in forensic applications.

RECORDED: 02/09/2013

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