

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6048125

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DXNA LLC	04/01/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GENESTAT MOLECULAR DIAGNOSTICS, LLC
<b>Street Address:</b>	335 E. ST. GEORGE BLVD., SUITE 301
<b>City:</b>	ST. GEORGE
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84770
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	9816131
<b>CORRESPONDENCE DATA</b>	
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<b>Address Line 1:</b>	8180 S. 700 E., SUITE 350
<b>Address Line 4:</b>	SANDY, UTAH 84070
<b>ATTORNEY DOCKET NUMBER:</b>	3484-006.PCT.US
<b>NAME OF SUBMITTER:</b>	JASON R. JONES
<b>SIGNATURE:</b>	/JasonRJones/
<b>DATE SIGNED:</b>	04/06/2020
<b>Total Attachments: 5</b>	
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WHEN RECORDED RETURN TO:

Jason R. Jones  
THORPE NORTH & WESTERN, LLP  
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### ASSIGNMENT OF PATENT RIGHTS

WHEREAS, DxNA LLC, a Limited Liability Company, organized and existing under the laws of the State of Utah, having a business address of 180 North 300 East, Suite 201 St. George, UT 84770, (hereinafter "Assignor") owns the entire right, title and interest in various Patents and Applications included herewith in Exhibit A; and

WHEREAS, Genestat Molecular Diagnostics, LLC, a Limited Liability Company, organized and existing under the laws of the State of Utah, having a business address of 335 East St. George Blvd Suite 301 Saint George, UT 84770, is desirous of acquiring Assignor's entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, said Assignor, hereby grants and assigns unto the said Assignee, the entire right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all provisionals, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International Convention for such



EXHIBIT A

U.S. Patent No. 7,315,376	Issued on 1/1/2008	Attorney Docket No. 3484-001
Application No. PI 20071113	Filed on 7/11/2007	Attorney Docket No. 3484-001.MY
PCT Application No. PCT/US05/46203	Filed on 12/20/2008	Attorney Docket No. 3484-001.PCT
Application No. 2005/3232160	Filed on 12/20/2005	Attorney Docket No. 3484-001.PCT.AU
Application No. P105185106	Filed on 12/20/2005	Attorney Docket No. 3484-001.PCT.BR
Application No. 2,593,814	Filed on 12/20/2005	Attorney Docket No. 3484-001.PCT.CA
Patent No. ZL200580046269.2	Issued on 11/9/2011	Attorney Docket No. 3484-001.PCT.CN
Patent No. 013886	Issued on 9/30/2010	Attorney Docket No. 3484-001.PCT.EA
Patent No. 1844320	Issued on 6/4/2014	Attorney Docket No. 3484-001.PCT.EP
Patent No. 1844320	Issued on 12/20/2005	Attorney Docket No. 3484-001.PCT.EP.DE
Application No. 14169855.5	Filed on 12/20/2005	Attorney Docket No. 3484-001.PCT.EP.DIV
Patent No. 1844320	Issued on 6/4/2014	Attorney Docket No. 3484-001.PCT.EP.FR
Patent No. 1844320	Issued on 6/4/2014	Attorney Docket No. 3484-001.PCT.EP.GB
Application No. 4969/DELNP/2007	Filed on 12/20/2005	Attorney Docket No. 3484-001.PCT.IN
Application No. 2007-550387	Filed on 12/20/2005	Attorney Docket No. 3484-001.PCT.JP
Patent No. 269964	Issued on 9/9/2009	Attorney Docket No. 3484-001.PCT.MX
Patent No. 133754	Issued on 9/30/2008	Attorney Docket No. 3484-001.PCT.SG
Patent No. 2007/05549	Issued on 10/29/2008	Attorney Docket No. 3484-001.PCT.ZA
U.S. Application No. 11/958,299	Filed on 12/17/2007	Attorney Docket No. 3484-002.NP
U.S. Application No. 60/870,095	Filed on 12/15/2006	Attorney Docket No. 3484-002.PROV
U.S. Application No. 10/991,746	Filed on 11/18/2004	Attorney Docket No. 3484-003
U.S. Patent No. 7,939,312	Issued on 5/10/2011	Attorney Docket No. 3484-003.NP
PCT Application No. PCT/US07/18946	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT

Patent No. 2007290536	Issued on 8/28/2007	Attorney Docket No. 3484-003.PCT.AU
Application No. 2,665,884	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.CA
Application No. 200780036554.5	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.CN
Application No. 201310412286.X	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.CN.DIV
Application No. 10102656.9	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.CN.HK
Application No. 200970235	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.EA
Patent No. 07811573.0	Issued on 3/30/2016	Attorney Docket No. 3484-003.PCT.EP
Patent No. 60 2007 045 564.2	Issued on 3/20/2016	Attorney Docket No. 3484-003.PCT.EP.DE
Patent No. 2061866	Issued on 3/30/2016	Attorney Docket No. 3484-003.PCT.EP.FR
Patent No. 2061866	Issued on 3/30/2016	Attorney Docket No. 3484-003.PCT.EP.GB
Application No. 1864/DELNP/2009	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.IN
Application No. PI 20091145	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.MY
Application No. 200901764-1	Filed on 8/28/2007	Attorney Docket No. 3484-003.PCT.SG
Patent No. 2009/02202	Issued on 8/25/2010	Attorney Docket No. 3484-003.PCT.ZA
U.S. Application No. 60/824,027	Filed on 8/30/2006	Attorney Docket No. 3484-003.PROV
U.S. Application No. 11/958,332	Filed on 12/17/2007	Attorney Docket No. 3484-004.NP
U.S. Application No. 60/870,100	Filed on 12/15/2006	Attorney Docket No. 3484-004.PROV
U.S. Application No. 61/251,796	Filed on 10/15/2009	Attorney Docket No. 3484-005.PROV
PCT Application No. PCT/US11/46156	Filed on 8/1/2011	Attorney Docket No. 3484-006.PCT
Patent No. ZL 2011800478766	Issued on 7/22/2015	Attorney Docket No. 3484-006.PCT.CN
Application No. 11815145.5	Filed on 8/1/2011	Attorney Docket No. 3484-006.PCT.EP
Patent No. 5887041	Issued on 8/1/2011	Attorney Docket No. 3484-006.PCT.JP
U.S. Patent No. 9,816,131	Issued on 11/14/2017	Attorney Docket No. 3484-006.PCT.US
U.S. Application No. 15/812,104	Filed on 11/14/2017	Attorney Docket No. 3484-006.PCT.US.CIP
U.S. Application No. 61/369,925	Filed on 8/2/2010	Attorney Docket No. 3484-006.PROV
U.S. Patent No. 7,993,910	Issued on 8/9/2011	Attorney Docket No. 3484-007.DIV

U.S. Patent No. 7,504,219	Issued on 3/17/2009	Attorney Docket No. 3484-007.NP
PCT Application No. PCT/US06/18638	Filed on 5/12/2006	Attorney Docket No. 3484-007.PCT
U.S. Application No. 60/680,738	Filed on 5/13/2005	Attorney Docket No. 3484-007.PROV
U.S. Application No. 11/063,352	Filed on 2/23/2005	Attorney Docket No. 3484-008
U.S. Application No. 11/383,534	Filed on 5/16/2006	Attorney Docket No. 3484-008.DIV
PCT Application No. PCT/US06/00065	Filed on 1/3/2006	Attorney Docket No. 3484-008.PCT
U.S. Application No. 11/733,035	Filed on 4/9/2007	Attorney Docket No. 3484-009.NP
PCT Application No. PCT/US07/21567	Filed on 10/9/2007	Attorney Docket No. 3484-009.PCT
U.S. Application No. 60/828,915	Filed on 10/10/2006	Attorney Docket No. 3484-009.PROV
U.S. Application No. 14/134,736	Filed on 12/19/2013	Attorney Docket No. 3484-016.NP
U.S. Application No. 14/455,542	Filed on 8/8/2014	Attorney Docket No. 3484-016.NP.CIP
PCT Application No. PCT/US13/76568	Filed on 12/19/2013	Attorney Docket No. 3484-016.PCT
Application No. 2013800733561	Filed on 12/19/2013	Attorney Docket No. 3484-016.CN
Application No. 13865974.3	Filed on 12/19/2013	Attorney Docket No. 3484-016.EP
U.S. Application No. 61/739,611	Filed on 12/19/2012	Attorney Docket No. 3484-016.PROV