

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Brian W. Ward</td> <td>01/05/2007</td> </tr> <tr> <td>Ernest J. Mueller</td> <td>01/18/2007</td> </tr> <tr> <td>Jessica Copeland</td> <td>01/08/2007</td> </tr> <tr> <td>Deborah Vasser</td> <td>01/05/2007</td> </tr> </tbody> </table>		Name	Execution Date	Brian W. Ward	01/05/2007	Ernest J. Mueller	01/18/2007	Jessica Copeland	01/08/2007	Deborah Vasser	01/05/2007
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Brian W. Ward	01/05/2007										
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Deborah Vasser	01/05/2007										
<b>RECEIVING PARTY DATA</b>											
<b>Name:</b>	Sigma-Aldrich Co.										
<b>Street Address:</b>	3050 Spruce Street										
<b>City:</b>	St. Louis										
<b>State/Country:</b>	MISSOURI										
<b>Postal Code:</b>	63103										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11612776</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11612776						
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Application Number:	11612776										
<b>CORRESPONDENCE DATA</b>											
<b>Fax Number:</b>	(314)286-8005										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
<b>Phone:</b>	314-236-8711										
<b>Email:</b>	jeffrey.wilson@sial.com										
<b>Correspondent Name:</b>	Jeffrey Wilson										
<b>Address Line 1:</b>	3050 Spruce Street										
<b>Address Line 4:</b>	St. Louis, MISSOURI 63103										
<b>ATTORNEY DOCKET NUMBER:</b>	114173										
<b>NAME OF SUBMITTER:</b>	Jeffrey Wilson										
Total Attachments: 6 source=ASSIGNMENT APP NO.11612776#page1.tif											

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## ASSIGNMENT

**WHEREAS, WE**, Brian W. Ward of St. Louis Missouri; Ernest J. Mueller of St. Louis, Missouri; Jessica Copeland of St. Louis, Missouri; and Deborah Vassar of St. Louis, Missouri; have invented an improvement in STABILIZED COMPOSITIONS OF THERMOSTABLE DNA POLYMERASE AND ANIONIC OR ZWITTERIONIC DETERGENT (file No. 114173) and have executed an application for a United States patent based thereon, Serial No. 11/612,776, filed December 19, 2006;

**AND, WHEREAS**, Sigma-Aldrich Co., a corporation of the State of Delaware (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

**NOW, THEREFORE**, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, I have agreed to and do hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said invention, said United States application, any other United States applications (including divisional, continuing or reissue applications) based in whole or in part on said United States application or in whole or in part on said invention, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said invention, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said invention or any part thereof;

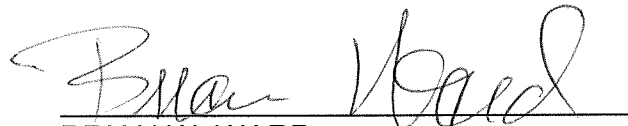
**TO BE HELD AND ENJOYED** by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me had no sale and assignment of said interest been made;

**AND I** hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said ASSIGNEE;

**AND I** hereby agree for myself and for my heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them;

**AND I** hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use or sell said invention, to anyone except said ASSIGNEE, that prior to the execution of this deed my right, title and interest in said invention had not been otherwise encumbered, and that I have not executed and will not execute any instrument in conflict herewith.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

  
BRIAN W. WARD

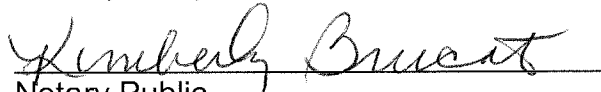
1/5/07  
Date

ACKNOWLEDGMENT

STATE OF Missouri)  
CITY OF St. Louis City) SS.

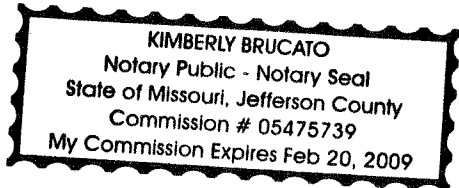
On this 5 day of January, 2007 before me, a Notary Public, personally appeared BRIAN W. WARD to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

  
Notary Public

My Commission Expires:

\_\_\_\_\_ [SEAL]



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

*Ernest J. Mueller*  
ERNEST J. MUELLER

18 Jan 07  
Date

ACKNOWLEDGMENT

STATE OF Missouri )  
CITY OF St. Louis City ) SS.

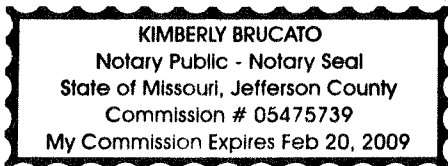
On this 18 day of January, 2007, before me, a Notary Public, personally appeared ERNEST J. MUELLER to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

*Kimberly Brucato*  
Notary Public

My Commission Expires:

\_\_\_\_\_ [SEAL]



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

Jessica Copeland  
JESSICA COPELAND  
1/8/07  
Date

ACKNOWLEDGMENT

STATE OF Missouri)  
CITY OF St. Louis City) SS.

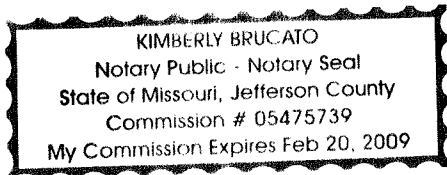
On this 8 day of January, 2007, before me, a Notary Public, personally appeared JESSICA COPELAND to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Kimberly Brucato  
Notary Public

My Commission Expires:

\_\_\_\_\_ [SEAL]



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

Deborah Vassar  
DEBORAH VASSAR

1/5/2007  
Date

ACKNOWLEDGMENT

STATE OF Missouri )  
CITY OF St. Louis City ) SS.

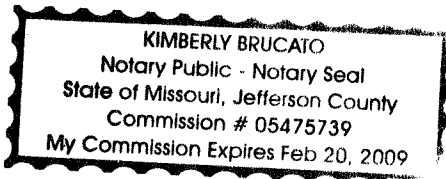
On this 5 day of January, 2007, before me, a Notary Public, personally appeared DEBORAH VASSAR to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he executed said instrument as his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Kimberly Brucato  
Notary Public

My Commission Expires:

\_\_\_\_\_ [SEAL]



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