

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<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>Jay M. Short</td> <td>05/11/2005</td> </tr> <tr> <td>Toby Richardson</td> <td>05/11/2005</td> </tr> <tr> <td>Dan E. Richardson</td> <td>05/10/2005</td> </tr> <tr> <td>Kevin A. Gray</td> <td>05/11/2005</td> </tr> </tbody> </table>		Name	Execution Date	Jay M. Short	05/11/2005	Toby Richardson	05/11/2005	Dan E. Richardson	05/10/2005	Kevin A. Gray	05/11/2005
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Jay M. Short	05/11/2005										
Toby Richardson	05/11/2005										
Dan E. Richardson	05/10/2005										
Kevin A. Gray	05/11/2005										
RECEIVING PARTY DATA											
Name:	Diversa Corporation										
Street Address:	4955 Directors Place										
Internal Address:	Intellectual Property Department										
City:	San Diego										
State/Country:	CALIFORNIA										
Postal Code:	92121										
PROPERTY NUMBERS Total: 1											
<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>Patent Number:</td> <td>7078504</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	7078504						
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Patent Number:	7078504										
CORRESPONDENCE DATA											
Fax Number:	(858)526-5796										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	858-526-5296										
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Correspondent Name:	Verenium Corporation										
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ATTORNEY DOCKET NUMBER:	D1550-1US INVS TO DVSA										
NAME OF SUBMITTER:	Brian W. Siddons										

CH \$40.00 7078504

Total Attachments: 2

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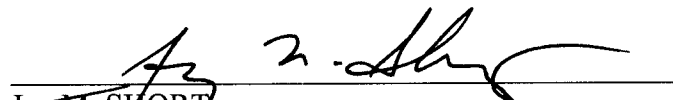
source=2005-05-11 - Assignment-Short et al (D1550-1US)#page2.tif

ASSIGNMENT

For valuable consideration, We, Jay M. SHORT of 12985 Via Esperia, Del Mar, California 92014, Toby RICHARDSON of 11646 Candy Rose Way, San Digo, California 92131; Dan E. ROBERTSON of 6332 Oleander Way, San Diego, California 92130; and Kevin A. GRAY of 12119 Eleanore Court, San Diego, California 92121 hereby assign to DIVERSA CORPORATION, a Delaware corporation having a place of business at 4955 Directors Place, San Diego, California 92121-1609 and its successors and assigns (collectively hereinafter called the "Assignee"), the entire right, title and interest throughout the world in the invention(s) and improvement(s) which are subject of a United States Patent Application entitled ENZYMES HAVING DEHALOGENASE ACTIVITY AND METHODS OF USE THEREOF, filed November 30, 2001, assigned serial number 10/000,997 and any corresponding applications for United States patents signed by us, WE authorize and request the attorney(s) appointed in said application to hereafter complete this Assignment by inserting above the filing date and serial number of future related applications when known and to insert on this Assignment any further identification, including any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and WE authorize and request the attorney(s) appointed in said application to hereafter insert the filing date(s) and serial number(s) of related converted provisional applications, nonprovisional applications converted to provisional applications, continuations, divisionals, continuations-in-part (CIPs), reissues, reexaminations, and international applications when known. This Assignment includes the application(s) cited herein and any and all related United States patent applications, including converted provisional applications, nonprovisional applications converted to provisional applications, divisionals, reissues, reexaminations, continuations, CIPS, any and all United States and foreign patents, utility models, and design registrations granted for any of said invention(s) or improvement(s), and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like

rights of exclusion and for inventors' certificates for said invention(s) and improvement(s); and I agree for myself/ourselves and my/our respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

In Witness Whereof, I hereto set my hand and seal at San Diego, CA, this 11th day of May, 2004. ^{5th R}


Jay M. SHORT


In Witness Whereof, I hereto set my hand and seal at SAN DIEGO, CA, this 11th day of MAY, 2004. ^{5th R}


Toby RICHARDSON

In Witness Whereof, I hereto set my hand and seal at San Diego, CA, this 10 day of May, 2004. ^{5th R}


Dan E. ROBERTSON

In Witness Whereof, I hereto set my hand and seal at San Diego, CA, this 11 day of May, 2004. ^{5th R}


Kevin A. GRAY