

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<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>Jay Short</td> <td>09/14/1998</td> </tr> <tr> <td>Martin Keller</td> <td>09/14/1998</td> </tr> </tbody> </table>		Name	Execution Date	Jay Short	09/14/1998	Martin Keller	09/14/1998
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Jay Short	09/14/1998						
Martin Keller	09/14/1998						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Recombinant Biocatalysis, Inc.						
<b>Street Address:</b>	P.O. Box 910550						
<b>Internal Address:</b>	Intellectual Property Department						
<b>City:</b>	San Diego						
<b>State/Country:</b>	CALIFORNIA						
<b>Postal Code:</b>	92121						
<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>Patent Number:</td> <td>6602675</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6602675		
Property Type	Number						
Patent Number:	6602675						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(858)526-5796						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	8585265296						
<b>Email:</b>	richard.delatorre@verenium.com						
<b>Correspondent Name:</b>	Verenium Corporation						
<b>Address Line 1:</b>	Intellectual Property Department						
<b>Address Line 2:</b>	P.O. Box 910550						
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92121						
<b>ATTORNEY DOCKET NUMBER:</b>	D1280-13US - INVS TO RBI						
<b>NAME OF SUBMITTER:</b>	Brian W. Siddons						

Total Attachments: 2  
 source=D1280-1US ASSIGNMENT - INVS-RBI [09-14-1998]#page1.tif

**PATENT**

**REEL: 020186 FRAME: 0921**

**500411387**

**CH \$40.00 6602675**



ASSIGNMENT

For valuable consideration, we, Jay Short, of Encinitas, CA; Martin Keller, of San Diego, CA; hereby assign to Recombinant Biocatalysis, Inc., a corporation having a place of business at 10665 Sorrento Valley Road, San Diego, CA 92121, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled HIGH THROUGHPUT SCREENING FOR NOVEL ENZYMES, filed June 16, 1998, and assigned U.S. Serial Number \_\_\_\_\_, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, 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 our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives 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 14<sup>th</sup> day of Sept, 1998  
Jay Short  
Jay Short

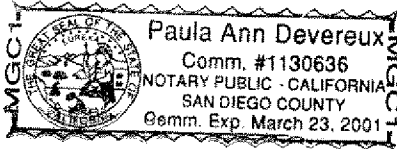
IN WITNESS WHEREOF, I hereto set my hand and seal at San Diego, CA, this 14<sup>th</sup> day of Sept, 1998  
Martin Keller  
Martin Keller

CERTIFICATE OF ACKNOWLEDGMENT

State of California }  
County of San Diego } SS

On Sept 14, 1998 before me, Paula Ann Devereux  
(date) (notary)

personally appeared Martin Keller



personally known to me (or proven to me on the basis of satisfactory evidence) to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

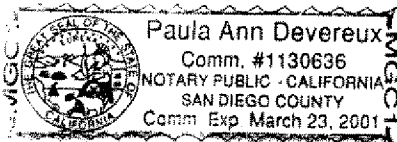
Paula Ann Devereux  
(Notary's signature)

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State of California }  
County of San Diego } SS

On Sept 14, 1998 before me, Paula Ann Devereux  
(date) (notary)

personally appeared Jay M. Short



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Paula Ann Devereux  
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