Form PTO 159

**N FORM COVER SHEET** 

	TTS ONLY  Docket No.: DIVER1200-42
To the Honorabic Commissioner for Facility and Tracemarks:	Please record the attached original documents or copy thereof.
Name of Conveying party(ies):      J5//8///      a. Jay M. Short	2. Name and address of receiving Party(ies)  Name: Diversa Corporation
Additional name(s) of conveying party(ies) attached? Yes _X No	Internal Address:
3. Nature of conveyance: X	Street Address: 4955 Directors Place
Other	City: San Diego State: CA Zip: 92121
Execution Date: a. 5/17/01	Additional name(s) & address(es) attached?  YesX No
<ul> <li>4. Application number(s) or patent number(s): 5/17/01</li> <li>If this document is being filed together with a new applicat</li> <li>A. Patent Application No.(s)</li> <li>M/86/267</li> </ul>	B. Patent No.(s)
	attached? Yes _X No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of Applications and patents involved: _1_
Name: Lisa A. Haile, J.D., Ph.D.  GRAY CARY WARE & FREIDENRICH LLP  Street Address: 4365 Executive Drive, Suite 1600	7. Total fee (37 CFR 3.41)  Substituting 40.00  Left Enclosed - Authorized to charge the recordation fee or any underpayment to deposit account.
City: San Diego State: CA Zip: 92121	8 Deposit Account No.:50-1355
DO	NOT USE THIS SPACE
of the original document.  Lisa A. Haile, J.D., Ph.D.  Name of Person Signing  Registration No.: 38,347	rmation is true and correct and any attached copy is a true copy  Signature  Signature
Total number of pages including	cover sheet, attachments, and document:4

PATENT REEL: 011838 FRAME: 0687 1 858 526 5577

## ASSIGNMENT (BY INVENTOR)

This assignment ("Assignment") is made by Jay M. Short, of Rancho Santa Fe, California, (the "Assignor") to Diversa Corporation, a Delaware corporation ("Assignee"), having a place of business at 4955 Directors Place, San Diego, California 92121.

## Recitals

- A. The Assignor has invented a new and useful invention entitled ENZYME KITS AND LIBRARIES for which an application for United States Letters Patent was filed on May 18, 2001 in the United States Patent and Trademark Office (DIVER1200-4).
- B. The Assignor authorizes and requests insertion of the application serial number of the application when officially known:

The United States Application Scrial No. \_\_\_\_\_\_

- C. The Assignor believes the Assignor to be the original, first and joint inventors of the invention disclosed and/or claimed in the application for Letters Patent.
- Assignor to the Assignee the entire rights, title and interest in and to the invention, the application and all Letters Patent in the United States and throughout the world that may be granted or issued for the invention or that derive a right of priority from the application (including, without limitation, all divisional, continuation, continuation-in-part and continued prosecution applications thereof, and all reissues and reexaminations thereof, and all foreign counterparts thereof) (collectively, the "Invention Patents").

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## Agreement

NOW, THEREFORE, in accordance with the obligations to assign the Invention Patents and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, The Assignor agrees to the foregoing and as follows:

- 1. The Assignor does and will sell, assign and transfer to Assignee, such Assignor's entire rights, title, and interest in and to each of the Invention Patents, including, without limitation, the rights to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.
- 2. The Assignor agrees that, upon request and without further compensation, but at no expense to such Assignor, such Assignor and such Assignor's legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, and for perfecting, recording, or maintaining the title of Assignce, and Assignce's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world. In the event that Assignee is unable for any reason to secure the Assignor's signature to any document that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing each of the Invention Patents in the United States and throughout the world, or for perfecting, recording, or maintaining the title of Assignce, and Assignee's successors and assigns, in and to each of the Invention Patents in the United States and throughout the world, each such Assignor hereby irrevocably designates and appoints Assignee and Assignee's duly authorized officers and agents as such Assignor's agents and attorneys-in-fact to act for and on such Assignor's behalf and instead of such Assignor to execute such document, all with the same legal force and effect as if executed by such Assignor.

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- 3. The Assignor represents and warrants that such Assignor has not granted and will not grant to others either (1) any rights, title or interest in and to any of the Invention Patents, or (2) any rights inconsistent with the rights granted herein.
- 4. The Assignor authorizes and requests the Assistant Commissioner for Patents of the United States and the various counterparts thereof throughout the world to issue and/or grant any Letters Patent granted for each of the Invention Patents to Assignce, its successors and assigns, as the assignee of the entire interest in such Invention Patents.
- 5. This Assignment constitutes the entire agreement with respect to its subject matter and supersedes all prior or contemporaneous oral or written agreements concerning such subject matter. No waiver, amendment, or modification of this Agreement shall be effective against the Assignee, unless in writing executed by a duly authorized representative of the Assignce. This Agreement shall be governed in all respects by the laws of the United States of America and by the laws of the state/province of California, as such laws are applied to agreements entered into and to be performed entirely within California between California residents. Each of the parties irrevocably consents to the exclusive personal jurisdiction of the federal and state courts located in California, as applicable, for any matter arising out of or relating to this Assignment, execpt that in any action seeking to enforce any order or any judgment of such federal or state courts located in California, such personal jurisdiction shall be nonexclusive. A breach of any of the promises or agreements contained herein will result in irreparable and continuing damage to Assignee for which there will be no adequate remedy at law, and Assignee shall be entitled to injunctive relief and/or a decree of specific performance, and such other relief as may be proper.

IN WITNESS WHEREOF, The Assignor has executed this Assignment on the date provided below.

Distant

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Gray Cary\GT\6238266.1

Assignor: Jay M. Short

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