

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Assignee incorrectly identified previously recorded on Reel 024593 Frame 0962. Assignor(s) hereby confirms the Assignment.										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jay WOHLGEMUTH</td> <td>07/06/2005</td> </tr> <tr> <td>Kirk FRY</td> <td>07/06/2005</td> </tr> <tr> <td>Robert WOODWARD</td> <td>07/06/2005</td> </tr> <tr> <td>Ngoc LY</td> <td>07/06/2005</td> </tr> </tbody> </table>		Name	Execution Date	Jay WOHLGEMUTH	07/06/2005	Kirk FRY	07/06/2005	Robert WOODWARD	07/06/2005	Ngoc LY	07/06/2005
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Expression Diagnostics, Inc., dba XDx, Inc.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>384 Oyster Point Boulevard, Suite 4</td> </tr> <tr> <td><b>City:</b></td> <td>South San Francisco</td> </tr> <tr> <td><b>State/Country:</b></td> <td>CALIFORNIA</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>94080</td> </tr> </table>		<b>Name:</b>	Expression Diagnostics, Inc., dba XDx, Inc.	<b>Street Address:</b>	384 Oyster Point Boulevard, Suite 4	<b>City:</b>	South San Francisco	<b>State/Country:</b>	CALIFORNIA	<b>Postal Code:</b>	94080
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (415)268-7522  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (415) 268-6237        Email: marcim@mofo.com        Correspondent Name: Michael R. Ward        Address Line 1: Morrison &amp; Foerster LLP        Address Line 2: 425 Market Street        Address Line 4: San Francisco, CALIFORNIA 94105-2482</p>											
<b>ATTORNEY DOCKET NUMBER:</b>	506612000108										
<b>NAME OF SUBMITTER:</b>	Michael R. Ward										

CH \$40.00 12823090

**501315183**

**PATENT**  
**REEL: 025113 FRAME: 0504**

Total Attachments: 4

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ASSIGNMENT  
JOINT

THIS ASSIGNMENT, by

**JAY WOHLGEMUTH**, 1165 Monte Rosa Drive, Menlo Park, CA 94025  
**KIRK FRY**, 2604 Ross Road, Palo Alto, CA 94303,  
**ROBERT WOODWARD**, 116 Monaco Court, Pleasanton, CA 94566; and  
**NGOC LY**, 830 Key Route Blvd., Albany, CA 94706

respectively, (hereinafter referred to as the assignors) witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING TRANSPLANT REJECTION**, set forth in a patent application filed in the United States Patent and Trademark Office **November 15, 2004** bearing serial number **10/990,275**, and



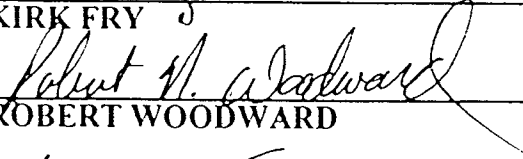
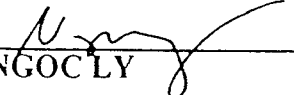
WHEREAS, **EXPRESSION DIAGNOSTICS, INC. dba XDx, Inc.**, a corporation duly organized under and pursuant to the laws of CALIFORNIA and having its principal place of business at **384 Oyster Point Boulevard, Suite 4, South San Francisco, CA 94080** (hereinafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said provisional application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, provisional patent application and application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all conversions, divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the provisional patent application above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, provisional patent application, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

<u>7/6/05</u>	
Date	JAY WOHLGEMUTH
<u>7/6/05</u>	
Date	KIRK FRY
<u>7/6/05</u>	
Date	ROBERT WOODWARD
<u>7/6/05</u>	
Date	NGOC LY

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
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<b>Correspondent Name:</b> Patricia Tsao											
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<b>Address Line 2:</b> 425 Market Street											
<b>Address Line 4:</b> San Francisco, CALIFORNIA 94105-2482											

**PATENT**

<b>ATTORNEY DOCKET NUMBER:</b>	506612000108
<b>NAME OF SUBMITTER:</b>	Patricia Tsao
<b>Signature:</b>	/Patricia Tsao/
<b>Date:</b>	06/25/2010
<b>Total Attachments: 2</b> source=Assignment#page1.tif source=Assignment#page2.tif	
<b>RECEIPT INFORMATION</b>  <b>EPAS ID:</b> PAT1239094 <b>Receipt Date:</b> 06/25/2010 <b>Fee Amount:</b> \$40	

PATENT