


Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 8/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office; Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies):</b> Mark S. Smyth (05/26/2005), Guy J. Laidig (05/26/2005), Ronald T. Borchardt (07/19/2005), Barry A. Bunin (05/30/2005), Craig M. Crews (05/31/2005), John H. Musser (06/01/2005), John S. Schneekloth, Jr. (06/03/2005), and John Clifford Chabala (06/01/2005)  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Proteolix, Inc.</u>  Internal Address: _____ Street Address: _____  225 Gateway Boulevard  City: <u>South San Francisco</u> State: <u>California</u> Country: <u>United States of America</u> Zip: <u>94080</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): <u>In parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/106879</u>  B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Matthew P. Vincent</u> <u>ROPES &amp; GRAY LLP</u>  Internal Address: <u>Atty. Dkt.: PRTX-P01-006</u> Street Address: <u>One International Place</u>  City: <u>Boston</u> State: <u>MA</u> Zip: <u>02110-2624</u> Phone Number: <u>(617) 951-7739</u> Fax Number: <u>(617) 951-7050</u> Email Address: <u>MVincent@ropesgray.com</u>	<b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px 10px;">1</span>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>18-1945</u> Authorized User Name <u>Matthew P. Vincent</u>	
<b>9. Signature:</b> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">             _____            Signature         </div> <div style="text-align: center;"> <u>August 24, 2005</u>            _____            Date         </div> </div> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="text-align: center;"> <u>David P. Halstead, Ph.D., Reg. No. 44,735</u>            Name of Person Signing         </div> <div style="text-align: right;">             Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 10px;">33</span> </div> </div>	

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Dated: August 24, 2005

Signature: Mary Jane DiPalma (Mary Jane DiPalma)

# ~~PATENT~~

PRTX-P01-006

**ASSIGNMENT**

WHEREAS, we, **Mark S. Smyth, Guy J. Laidig, Ronald T. Borchardt, Barry A. Bunin, Craig M. Crews, John H. Musser, John S. Schneekloth, Jr. and John Clifford Chabala**, have invented a certain improvement in **COMPOUNDS FOR ENZYME INHIBITION** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;

☒ was filed on **April 14, 2005** as Application No. **11/106879**.


WHEREAS, **Proteolix, Inc.**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, having principal offices at **225 Gateway Boulevard, South San Francisco, California 94080** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;


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Inventor  Date: 05/26/2005  
Mark S. Smyth

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Foster City, CA 94404

Witness  Date: 05/26/2005  
Terri Davis-Smyth

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
Guy J. Laidig

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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PRTX-P01-006

Inventor Ronald T. Borchardt Date: \_\_\_\_\_

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Barry A. Bunin**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Craig M. Crews**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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PRTX-P01-006

Inventor

John H. Musser

Date: \_\_\_\_\_

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Witness

Date:

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Inventor

**John S. Schneekloth, Jr.**

Date: \_\_\_\_\_

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Date: \_\_\_\_\_

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Inventor

**John Clifford Chabala**

Date:

Address

Witness

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
Mark S. Smyth

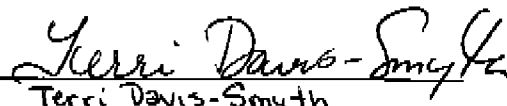
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor  Date: 5/26/2005  
Guy J. Laidig

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Terri Davis-Smyth

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Inventor Ronald T. Borchardt Date: \_\_\_\_\_

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Barry A. Bunin**

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Craig M. Crews**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John H. Musser**

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John S. Schneekloth, Jr.**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John Clifford Chabala**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark S. Smyth**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Guy J. Laidig**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_


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PRTX-P01-006

Inventor   
Ronald T. Borchardt

Date: 7/19/05

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
Craig M. Crews

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor John H. Musser Date: \_\_\_\_\_

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John S. Schneekloth, Jr.**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John Clifford Chabala**

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark S. Smyth**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Guy J. Laidig**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
Ronald T. Borchardt

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor Barry A. Bunin Date: 30 May 2005  
Barry A. Bunin

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Witness Deborah Bunin Date: 30 May 2005  
Deborah Bunin

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
Craig M. Crews

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John H. Musser**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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**John S. Schneekloth, Jr.**

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**John Clifford Chabala**

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark S. Smyth**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_

**Guy J. Laidig**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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PRTX-P01-006

Inventor \_\_\_\_\_

**Ronald T. Borchardt**

Date: \_\_\_\_\_

Address \_\_\_\_\_

Witness \_\_\_\_\_

Date: \_\_\_\_\_

Address \_\_\_\_\_

Inventor \_\_\_\_\_

**Barry A. Bunin**

Date: \_\_\_\_\_

Address \_\_\_\_\_

Witness \_\_\_\_\_

Date: \_\_\_\_\_

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Inventor \_\_\_\_\_

**Craig M. Crews**Date: 5/31/05Address 206 Livingston StNew Haven, CT 06511

Witness \_\_\_\_\_

Date: 5/31/05Address 26A First AveWest Haven, CT 06516

PRTX-P01-006

Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John H. Musser**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John S. Schneekloth, Jr.**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John Clifford Chabala**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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PRTX-P01-006

## ASSIGNMENT

WHEREAS, we, **Mark S. Smyth, Guy J. Laidig, Ronald T. Borchardt, Barry A. Bunin, Craig M. Crews, John H. Musser, John S. Schneekloth, Jr. and John Clifford Chabala**, have invented a certain improvement in **COMPOUNDS FOR ENZYME INHIBITION** described in an application for Letters Patent of the United States, the specification of which:

☐ is being executed on even date herewith; and is about to be filed in the United States Patent Office;

☒ was filed on **April 14, 2005** as Application No. **11/106879**.

WHEREAS, **Proteolix, Inc.**, (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, having principal offices at **225 Gateway Boulevard, South San Francisco, California 94080** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

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AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark S. Smyth**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Guy J. Laidig**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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PRTX-P01-006

Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Ronald T. Borchardt**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Barry A. Bunin**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Craig M. Crews**

Address \_\_\_\_\_  
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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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PRTX-P01-006

Inventor

John H. Musser  
John H. Musser

Date:

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Witness

Wendy Chow

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6/1/05

Address

37 Washington Dr.Hilpitas CA 95035

Inventor

John S. Schneekloth, Jr.

Date:

Address

Witness

Date:

Address

Inventor

John Clifford Chabala

Date:

Address

Witness

Date:

Address

PRTX-P01-006

## ASSIGNMENT

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark S. Smyth**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Guy J. Laidig**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor Ronald T. Borchardt Date: \_\_\_\_\_

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor Barry A. Bunin Date: \_\_\_\_\_

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor Craig M. Crews Date: \_\_\_\_\_

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_  
**John H. Musser**

Date: \_\_\_\_\_

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Witness \_\_\_\_\_

Date: \_\_\_\_\_

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\_\_\_\_\_Inventor John Schneekloth Jr.  
**John S. Schneekloth, Jr.**Date: 6/03/05Address 753 Orange St #3New Haven CT 06511

Ashley R. Smith

Witness Ashley R. SmithDate: 6/3/05Address 112 Dwight St Apt 8New Haven, CT 06511

Inventor \_\_\_\_\_

**John Clifford Chabala**

Date: \_\_\_\_\_

Address \_\_\_\_\_  
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Witness \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Mark S. Smyth**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_

**Guy J. Laidig**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor Ronald T. Borchardt Date: \_\_\_\_\_

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Barry A. Bunin**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**Craig M. Crews**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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PRTX-P01-006

Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John H. Musser**

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Witness \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor \_\_\_\_\_ Date: \_\_\_\_\_  
**John S. Schneekloth, Jr.**

Address \_\_\_\_\_  
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Inventor John Clifford Chabala Date: 6/1/05  
**John Clifford Chabala**

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Witness Judith A. Chabala Date: 6/1/05

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