

Form PTO-1595 (Rev. 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)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.

**1. Name of conveying party(ies)**

ADLYFE, INC.

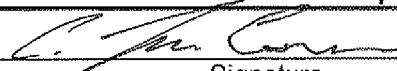
Additional name(s) of conveying party(ies) attached?  Yes  No**2. Name and address of receiving party(ies)**Name: Square 1 BankInternal Address: Lee ConnerStreet Address: 406 Blackwell St.Suite 240City: DurhamState: NCCountry: USA Zip: 27701Additional name(s) & address(es) attached?  Yes  No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) April 21, 2008 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other \_\_\_\_\_**4. Application or patent number(s):** This document is being filed together with a new application.

A. Patent Application No.(s)

10/161,061

Additional numbers in Exhibit B \_\_\_\_\_

B. Patent No.(s)

Additional numbers attached?  Yes  No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Lee ConnerInternal Address: Square 1 BankStreet Address: 406 Blackwell St.Suite 240City: DurhamState: NCZip: 27701Phone Number: 919-314-3099Fax Number: 919-354-1278 - NEWEmail Address: loandocsdept@square1bank.com**6. Total number of applications and patents involved: 8****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 320** Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number 50-3822Authorized User Name Lee Conner**9. Signature:**

  
Signature

04/23/08

Date

Lee Conner

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$480.00 503822 10161061

**EXHIBIT B**  
**PATENTS**

<b>Name</b>	<b>Application No</b>	<b>Application Date</b>	<b>Estimated Expiration Date</b>
Misfolded Protein Sensor Method	10/161,061 7,166,471 PROV 60/295,456 filed 05/31/2001	May 30, 2002	May 30, 2022
	11/504,692 DIV of 10/161,061 filed 05/30/2002 PROV 60/295,456 filed 05/31/2001	August 16, 2006	
Misfolded Protein Sensor Method	10/494,906 PROV 60/295,456 filed 05/31/2001	May 30, 2002	May 30, 2022
Detection of Conformationally Altered Proteins and Prions	10/728,246 CIP of 10/161,061 filed 05/30/2002 PROV 60/295,456 filed 05/31/2001	December 4, 2003	
	11/979,226 CONT of 10/728,246 filed 12/04/03 CIP of 10/161,061 filed 05/30/2002 PROV 60/295,456 filed 05/31/2001	October 31, 2007	
Immobilized Probes and Methods of Detecting Conformationally Altered Prion Proteins	60/608,541 (inactive)	September 10, 2004	n/a
Method of Detecting Misfolded Proteins and Prions	60/652,733 (inactive)	February 15, 2005	n/a
	11/884,316 PCT/US2006/005095 filed 02/14/2006 PROV 60/652,733 filed 02/15/2005	August 14, 2007	February 12, 2026
Peptide Probes for Diagnostic and Therapeutics	60/833,854 (inactive)	July 28, 2006	n/a
	60/848,358 (inactive)	October 2, 2006	n/a

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	11/828,953 PROV 60/848,358 filed 10/02/2006 PROV 60/833,854 filed 07/28/2006	July 26, 2007	July 26, 2027
Use Of Pyrene To Carry Non-Peptide Agents Across The Blood Brain Barrier	61/038,595	March 21, 2008	n/a
Use of Pyrene to Carry Peptide Agents Across the Blood Brain Barrier	61/038,634	March 21, 2008	n/a

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT is entered into as of April 21, 2008 by and between SQUARE 1 BANK ("*Bank*") and ADLYFE INC., a Delaware corporation ("*Grantor*").

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "*Loans*") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor, as amended by an Amendment to Loan and Security Agreement dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "*Loan Agreement*"; capitalized terms used herein are used as defined in the Loan Agreement).

B. Bank is willing to extend and to continue to extend financial accommodations to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

C. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

To secure its obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Bank and Grantor, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof (collectively, "*Intellectual Property Collateral*").

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereto duly authorized as of the first date written above.

Address of Grantor:

9430 Key West Ave.  
Rockville, MD 20850

Attention: Chief Financial Officer

GRANTOR:

ADLYFE INC.

By:

Title:

*[Handwritten Signature]*  
VP

Address of Bank:

406 Blackwell Street  
Suite 240  
Durham, NC 27701

Attention: Brad Steele

BANK:

SQUARE 1 BANK

By:

Title:

*[Handwritten Signature]*  
SVP

[SIGNATURE PAGE TO INTELLECTUAL PROPERTY SECURITY AGREEMENT]

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EXHIBIT A  
COPYRIGHTS

<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>
None		

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**EXHIBIT C  
TRADEMARKS**

<b>Mark</b>	<b>Application No</b>	<b>Application Date</b>
PRONUCLEON	78/908703	6/15/2006
ADLYFE (STANDARD CHARACTERS)	78/797998	1/24/2006

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