

**TRADEMARK ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Alpha Innotech Corporation		03/30/2005	CORPORATION: CALIFORNIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	BFI Business Finance		
<b>Street Address:</b>	1655 The Alameda		
<b>City:</b>	San Jose		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95126		
<b>Entity Type:</b>	CORPORATION: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 4</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Serial Number:</b>	78410132	FLUORCHEM	
<b>Serial Number:</b>	78459219	ALPHAQUANT	
<b>Serial Number:</b>	78413790	CHEMIGLOW	
<b>Serial Number:</b>	78410752	ALPHADIGIDOC	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	(650)213-0260		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
<b>Phone:</b>	650-812-1300		
<b>Email:</b>	patrademarks@manatt.com		
<b>Correspondent Name:</b>	Paul E. Thomas, Esq.		
<b>Address Line 1:</b>	1001 Page Mill Road, Bldg. 2		
<b>Address Line 4:</b>	Palo Alto, CALIFORNIA 94304		
<b>NAME OF SUBMITTER:</b>	Paul E. Thomas		
<b>Signature:</b>	/Paul E. Thomas/		

CH \$115.00 78410132

Date:

05/03/2005

**Total Attachments: 10**

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source=BFI Amended & Reinstated Sec. Agree\_08#page1.tif  
source=BFI Amended & Reinstated Sec. Agree\_09#page1.tif  
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**INTELLECTUAL PROPERTY SECURITY AGREEMENT  
AMENDED AND RESTATED**

This Amended and Restated Intellectual Property Security Agreement (this "Agreement") is made as of this **30th day of March, 2005** by and between **ALPHA INNOTECH CORPORATION**, a California corporation ("Pledgor") and **BFI Business Finance** ("Secured Party"), a California corporation.

RECITALS

A. Secured Party has agreed to lend to Pledgor certain funds (the "Loan"), and Pledgor desires to borrow such funds from Secured Party and will be secured in part pursuant to the terms of a Security Agreement, Loan and Security Agreement, and/or Secured Promissory Note executed or to be executed in connection herewith (either, as amended, the "Loan Agreement").

B. In order to induce Secured Party to make the Loan, Pledgor has agreed to assign certain intangible property to Secured Party for purposes of securing the obligations of Pledgor to Secured Party.

AGREEMENT

NOW, THEREFORE, the parties hereto agree as follows:

1. Assignment, Patent Mortgage and Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Pledgor's present or future indebtedness, obligation and liabilities to Secured Party, Pledgor hereby assigns, transfers, conveys and grants a mortgage to Secured Party, as security, Pledgor's entire right, title and interest in, to and under the following (all of which shall collectively be called the "Collateral"):

a. Any and all copyright rights, copyright application, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on **Exhibit A** attached hereto (collectively, the "Copyrights");

b. Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, or acquired or held;

c. Any and all design rights which may be available to Pledgor now or hereafter existing, created, acquired or held;

d. All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on **Exhibit B** attached hereto (collectively, the "Patents");

e. Any trademark and service mark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Pledgor connected with and symbolized by such trademarks, including without limitation those set forth on **Exhibit C** attached hereto (collectively, the "Trademarks").

f. Any and all claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

g. All licenses or other rights to use any of the Copyrights, Patents or Trademarks, and all license fees and royalties arising from such use; and



h. All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

THE INTEREST IN THE COLLATERAL BEING ASSIGNED HEREUNDER SHALL NOT BE CONSTRUED AS A CURRENT ASSIGNMENT, BUT AS A CONTINGENT ASSIGNMENT TO SECURE PLEDGOR'S OBLIGATIONS TO SECURED PARTY UNDER THE LOAN AGREEMENT.

2. Authorization and Request. Pledgor authorizes and requests that the Register of Copyrights and the Commissioner of Patents and Trademarks record this conditional assignment.

3. Covenants and Warranties. Pledgor represents, warrants, covenants and agrees as follows:

a. Pledgor is now the sole owner of the Collateral, except for non-exclusive licenses granted by Pledgor to its customers in the ordinary course of business and except for liens, encumbrances or security interests described in Exhibit D attached hereto;

b. Performance of this Agreement does not conflict with or result in a breach of any agreement to which Pledgor is party or by which Pledgor is bound;

c. During the term of this Agreement, Pledgor will not transfer or otherwise encumber any interest in the Collateral, except for non-exclusive licenses granted by Pledgor, copies of which Pledgor will provide from time to time to Secured Party at the request of Secured Party;

d. Each of the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;

e. Pledgor shall promptly advise Secured Party of any material change in the composition of the Collateral, including but not limited to any subsequent ownership right of the Pledgor in or to any Trademark, Patent or Copyright not specified in this Agreement;

f. Pledgor shall (i.) protect, defend and maintain the validity and enforceability of the Trademarks, Patents and Copyrights, (ii.) use its best efforts to detect infringements of the Trademarks, Patents and Copyrights and promptly advise Secured Party in writing of material infringements detected and (iii.) not allow any Trademarks, Patents or Copyrights to be abandoned, forfeited or dedicated to the public without the written consent of Secured Party, which shall not be unreasonably withheld;

g. Pledgor shall promptly register the most recent version of any of Pledgor's copyrights, if not so already registered, and shall, from time to time, execute and file such other instruments, and take such further actions as Secured Party may request from time to time to perfect or continue the perfection of Secured Party's interest in the Collateral;

h. This Agreement creates, and in the case of after acquired Collateral, this Agreement will create at the time Pledgor first has rights in such after acquired Collateral, in favor of Secured Party a valid and perfected first priority security interest in the Collateral in the United States securing the payment and performance of the obligations evidenced by the Loan Agreement upon making the filings referred to in clause 3.i below;

i. Except for, and upon, the filing with the United States Patent and Trademark office with respect to the Patents and Trademarks necessary to perfect the security interests and assignment created hereunder, and, except as has been already made or obtained, no authorization, approval or other action by, and no notice to or filing with, any governmental authority or regulatory body is required either (i.) for the grant by Pledgor of the security interest granted hereby or for the execution, delivery or performance of this Agreement or by Pledgor; or (ii.) for the perfection in the United States or the exercise by Secured Party of its rights and remedies hereunder;



j. All information heretofore, herein or hereafter supplied to Secured Party by or on behalf of Pledgor with respect to the Collateral is accurate and complete in all material respects;

k. Pledgor shall not enter into any agreement that would materially impair or conflict with Pledgor's obligations hereunder without Secured Party's prior written consent. Pledgor shall not permit the inclusion in any contract to which it becomes a party of any provisions that could or might in any way impair or prevent the creation of a security interest in Pledgor's rights and interests in any property included within the definition of the Collateral acquired under such contracts; and

l. Upon any officer of Pledgor obtaining knowledge thereof, Pledgor will promptly notify Secured Party in writing of any event that materially adversely affects the value of any of the Collateral, the ability of Pledgor or Secured Party to dispose of any of the Collateral or the rights and remedies of Secured Party in relation thereto, including the levy of any legal process against any of the Collateral.

4. Secured Party's Rights. Secured Party shall have the right, but not the obligation, to take, at Pledgor's sole expense, any actions that Pledgor is required under this Agreement to take but which Pledgor fails to take, after five (5) days' telephonic or written notice to Pledgor. Pledgor shall reimburse and indemnify Secured Party for all costs and expenses incurred in the reasonable exercise of its rights under this section 4.

5. Inspection Rights. Pledgor hereby grants to Secured Party and its employees, representatives and agents the right to visit, during reasonable hours upon prior reasonable notice to Pledgor, and any of Pledgor's and its subcontractors' plants and facilities that manufacture, install or store products (or that have done so during the prior six-month period) that are sold under any of the Collateral, and to inspect the products and quality control records relating thereto upon reasonable notice to Pledgor and as often as may be reasonably requested; provided, however, nothing herein shall entitle Secured Party to access to Pledgor's trade secrets and other proprietary information.

6. Further Assurances: Attorney in Fact.

a. On a continuing basis, Pledgor will, subject to any prior licenses, encumbrances and restrictions and prospective licenses, make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including, appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office, and take all such action as may reasonably be deemed necessary or advisable, or as requested by Secured Party to carry out the intent and purposes of this Agreement, or for assuring and confirming to Secured Party the grant or perfection of a security interest in all Patents.

b. Pledgor hereby irrevocably appoints Secured Party as Pledgor's attorney-in-fact, with full authority in the place and stead of Pledgor and in the name of Pledgor, Secured Party or otherwise, from time to time in Secured Party's discretion, to take any action and to execute any instrument which Secured Party may deem necessary or advisable to accomplish the purposes of this Agreement, including:

i. To modify in its sole discretion this Agreement without first obtaining Pledgor's approval of or signature to such modification by amending Exhibit A, Exhibit B and Exhibit C thereof, to include reference to any right title or interest in any copyright, patents, or trademarks acquired by Pledgor after the execution hereof or to delete any reference to any right, title, interest in any copyrights, patents, or trademarks in which Pledgor no longer has or claims any right, title or interest; and,

ii. To file, in its sole discretion, one or more UCC financing or continuation statements and amendments thereto, relative to any of the Collateral without the signature of Pledgor where permitted by law.

7. Events of Default. The occurrence of any of the following shall constitute an Event of Default under this Agreement:



a. An Event of Default occurs under the Loan Agreement or any other agreement between Pledgor and Secured Party; or

b. Pledgor breaches any warranty or agreement made by Pledgor in this Agreement.

8. Remedies. Upon the occurrence of an Event of Default, Secured Party shall have the right to exercise all the remedies of a secured party under the California Uniform Commercial Code, including without limitation the right to require Pledgor to assemble the Collateral and to make it available to Secured Party at a place designated by Secured Party. Pledgor will pay any expenses (including attorneys' fees) incurred by Secured Party in connection with the exercise of any of Secured Party's rights hereunder, including without limitation any expense incurred in disposing of the Collateral. All of Secured Party's rights and remedies with respect to the Collateral shall be cumulative.

9. Indemnity. Pledgor agrees to defend, indemnify and hold harmless Secured Party and its officers, employees, and agents against: (a.) all obligations, demands, claims, and liabilities claimed or asserted by any other party in connection with the transactions contemplated by this Agreement, and (b.) all losses or expenses in any way suffered, incurred, or paid by Secured Party as a result of or in any way arising out of, following or consequential to transactions between Secured Party and Pledgor, whether under this Agreement or otherwise (including, without limitation, attorneys' fees and expenses), except for losses arising from or out of Secured Party's gross negligence or willful misconduct.

10. Reassignment. At such time as Pledgor shall completely satisfy all of the obligations secured hereunder, Secured Party shall execute and deliver to Pledgor all deeds, assignments and other instruments as may be necessary or proper to revest in Pledgor full title to the property assigned hereunder, subject to any disposition thereof which may have been made by Secured Party pursuant hereto.

11. Course of Dealing. No course of dealing, nor any failure to exercise, nor any delay in exercising any right, power or privilege hereunder shall operate as a waiver thereof.

12. Attorneys' Fees. If any action relating to this Agreement is brought by either party hereto against the other party, the prevailing party shall be entitled to recover reasonable attorneys' fees, costs, and disbursements.

13. Amendments. This Agreement may be amended only by a written instrument signed by both parties hereto.

14. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

15. California Law and Jurisdiction. This Agreement shall be governed by the laws of the State of California, without regard for choice of law provisions. Pledgor and Secured Party consent to the non-exclusive jurisdiction of any state or federal court located in Santa Clara County, California.

[signature page follows]



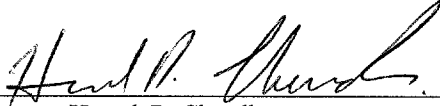
IN WITNESS WHEREOF, the parties hereto have executed this Amended and Restated Intellectual Property Security Agreement on the day and year first above written.

Address of Pledgor:

2401 Merced Street  
San Leander, California 94577

**PLEDGOR:**

**ALPHA INNOTECH CORPORATION**

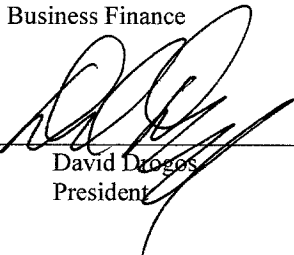
  
\_\_\_\_\_  
By: Haseeb R. Chaudhry  
Its: C.E.O.

Address of Secured Party:

1655 The Alameda  
San Jose, California 95126

**SECURED PARTY:**

BFI Business Finance

  
\_\_\_\_\_  
By: David Drogos  
Its: President

**Exhibit "A"**

**COPYRIGHTS**

All present and future registered and unregistered copyrights, including but not limited to the following:

<b>Description of Copyright</b>	<b>Country of Registration</b>	<b>Registration or Application No.</b>
NONE	NONE	NONE





## Exhibit "B"

### PATENTS

All present and future registered and unregistered patents, including but not limited to the following:

Patent	Registration Number or Serial Number	Date
Biochip Detection Device	US 6,271,042 - PCT/US/99/19759 Europe 99945286.5 Japan 2000-567742	August 7, 2001
Optical Analysis System III	US: 6,853,454 US 10/758576	February 8, 2005 January 15, 2004
Method and Apparatus for Extending Signal Range	US 20040036775 US 10/456,013 - PCT/US 03/25866 -	February 26, 2004 June 18, 2003
Identifying Indicia and Focusing Target	US 10/762851 - US: 20040150217 PCT/US 2004/001629 Int'l/WO 2004/065995	January 22, 2004 August 5, 2004

**Exhibit "B"**

**PATENTS**  
(continued)

<b><u>Patent Licenses</u></b>		
Apparatus and Methods Relating to Spatially Light Modulated Microscopy	US 6,483,641 PCT PCT/CA98/00993 Europe EP1,027,624 France 98 949 843.1 Britain 98 949 843.1 Switzerland 98 949 843.1 Germany 98 949 843.1 Canada 2,307,315 Japan 2000-518300	November 19, 2002
Apparatus and Methods Related to Spatially Light Modulated Microscopy European Divisional I	Europe 01 130 289.0	
Apparatus and Methods Related to Spatially Light Modulated Microscopy European Divisional II	Europe 01 130 288.2	
Apparatus and Methods Related to Spatially Light Modulated Microscopy Continuation I	US 10/260004 Application No. 20040047030	October 25, 2001 March 11, 2004
Methods and Apparatus for Improved Depth Resolution Using Out of Focus Information in Microscopy	US 6,388,809 Europe 09/559,239	May 14, 2002
Methods and Apparatus for Imaging Using a Light Guide Bundle and Spatial Light Modulator	US 6,663,560 US 10/688,783 PCT PCT/US00/33880 Europe 00 984 365.7 German 00 984 365.7 Canada 2,395,287 Japan 2001-545886	December 16, 2003
Light Modulated Microarray Reader and Methods Relating Thereto	US 10/165168 PCT PCT/US02/17899 Application No. 20030002040	June 6, 2002 January 2, 2003



**Exhibit "C"**

**TRADEMARKS**

All present and future registered and unregistered trademarks, including but not limited to the following:

<b>Trademark</b>	<b>Registration Number or Serial Number</b>	<b>Date</b>
ALPHA INNOTECH	78-149,446	July 31, 2002
NOVARAY	2,716,583	May 13, 2003
ARRAYEASE	2,647,341	November 5, 2002
ALPHAARRAY	2,647,340	November 5, 2002
MULTIIMAGE	2,618,324	September 10, 2002
CHEMIIMAGER	2,618,323	September 10, 2002
ALPHAIMAGER	2,101,046	September 30, 1997
ALPHAEASE	2,094,581	September 9, 1997
FLUORCHEM and Design	2,404,723	November 14, 2000
FLOURCHEM	78410132	April 29, 2004
ALPHAQUANT	78459219	July 29, 2004
CHEMIGLOW	78413790	May 5, 2004
ALPHADIGIDOC	78410752	April 29, 20045
AGTC (WORD MARK)	78363249	February 5, 2004

**Exhibit "D"**

**PERMITTED LIENS**

**None**

