

10-24-2002

SHEET

Docket No.:

NLY

21992.057



102259738

Tab settings

To the Honorable Commissioner of Patents and Trademarks, send the attached original documents or copy thereof.

1. Name of conveying party(ies): Genomic Instrumentation Services, Inc. d/b/a Genemachines 935 Washington Street San Carlos, CA 94070

2. Name and address of receiving party(ies): Name: BFI Business Finance Internal Address: Street Address: 1655 The Alameda City: San Jose State: CA ZIP: 95126

2002 OCT 11 AM 10:14 FINANCE SECTION 10-11-02

3. Nature of conveyance: Security Agreement Execution Date: July 26, 2002

4. Application number(s) or registration numbers(s): A. Trademark Application No.(s) 76/360314 76/298795 76/039307 75/863972 B. Trademark Registration No.(s) 2,441,045 2,516,650 2,554,913 2,255,018 2,440,946 2,454,284

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Charlotte C. Carberry Internal Address: Street Address: Manatt, Phelps & Phillips, LLP 1001 Page Mill Road, Building 2 City: Palo Alto State: CA ZIP: 94304

6. Total number of applications and registrations involved: 10 7. Total fee (37 CFR 3.41): \$265.00 8. Deposit account number: 50-1847

10/24/2002 6TDM11 00000001 501847 76360314 01 FC:0521 40.00 CH 02 FC:0522 225.00 CH

DO NOT USE THIS SPACE

9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jennifer S. Fryhling, Esq. October 11, 2001

TRADEMARK 12

# COLLATERAL ASSIGNMENT, PATENT MORTGAGE AND SECURITY AGREEMENT

This Collateral Assignment, Patent Mortgage and Security Agreement is made as of this 26th day of July, 2002 by and between **Genomic Instrumentation Services dba GENEMACHINES**, a California corporation ("Assignor") and **BFI Business Finance** ("Assignee"), a California corporation.

## RECITALS

A. Assignee has agreed to lend to Assignor certain funds (the "Loan"), and Assignor desires to borrow such funds from Assignee and will be secured in part pursuant to the terms of a Security Agreement dated **July 26, 2002** (the "Loan Agreement").

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

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 Assignor's present or future indebtedness, obligation and liabilities to Assignee, Assignor hereby assigns, transfers, conveys and grants a mortgage to Assignee, as security, Assignor'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 Assignor 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 Assignor 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 ASSIGNOR'S OBLIGATIONS TO ASSIGNEE UNDER THE LOAN AGREEMENT AND SECURITY AGREEMENT.

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

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

(a) Assignor is now the sole owner of the Collateral, except for non-exclusive licenses granted by Assignor 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 Assignment does not conflict with or result in a breach of any agreement to which Assignor is party or by which Assignor is bound;

(c) During the term of this Assignment, Assignor will not transfer or otherwise encumber any interest in the Collateral, except for non-exclusive licenses granted by Assignor;

(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) Assignor shall promptly advise Assignee of any material change in the composition of the Collateral, including but not limited to any subsequent ownership right of the Assignor in or to any Trademark, Patent or Copyright not specified in this Assignment;

(f) Assignor 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 Assignee 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 Assignee, which shall not be unreasonably withheld;

(g) Assignor shall promptly register the most recent version of any of Assignor'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 Assignee may request from time to time to perfect or continue the perfection of Assignee's interest in the Collateral;

(h) This Assignment creates, and in the case of after acquired Collateral, this Assignment will create at the time Assignor first has rights in such after acquired Collateral, in favor of Assignee 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 (i) below;

(i) Except for, and upon, the filing with the United States Patent and Trademark office with respect to the Patents 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 Assignor of the security interest granted hereby or for the execution, delivery or performance of this Assignment or by Assignor or (ii) for the perfection in the United States or the exercise by Assignee of its rights and remedies hereunder;

(j) All information heretofore, herein or hereafter supplied to Assignee by or on behalf of Assignor with respect to the Collateral is accurate and complete in all material respects;



(k) Assignor shall not enter into any agreement that would materially impair or conflict with Assignor's obligations hereunder without Assignee's prior written consent. Assignor 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 Assignor's rights and interests in any property included within the definition of the Collateral acquired under such contracts; and

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

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

5. Inspection Rights. Assignor hereby grants to Assignee and its employees, representatives and agents the right to visit, during reasonable hours upon prior reasonable notice to Assignor, and any of Assignor'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 Assignor and as often as may be reasonably requested; provided, however, nothing herein shall entitle Assignee to access to Assignor's trade secrets and other proprietary information.

6. Further Assurances; Attorney in Fact.

(a) On a continuing basis, Assignor 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 Assignee to carry out the intent and purposes of this Collateral Assignment, or for assuring and confirming to Assignee the grant or perfection of a security interest in all Patents.

(b) Assignor hereby irrevocably appoints Assignee as Assignor's attorney-in-fact, with full authority in the place and stead of Assignor and in the name of Assignor, Assignee or otherwise, from time to time in Assignee's discretion, to take any action and to execute any instrument which Assignee may deem necessary or advisable to accomplish the purposes of this Collateral Assignment, including:

(i) To modify in its sole discretion this Collateral Assignment without first obtaining Assignor'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 Assignor after the execution hereof or to delete any reference to any right, title, interest in any copyrights, patents, or trademarks in which Assignor no longer has or claims any right, title or interest; and,

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

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

(a) An Event of Default occurs under the Loan Agreement or any other agreement between Assignor and Assignee; or



(b) Assignor breaches any warranty or agreement made by Assignor in this Assignment.

8. Remedies. Upon the occurrence of an Event of Default, Assignee 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 Assignor to assemble the Collateral and to make it available to Assignee at a place designated by Assignee. Assignor will pay any expenses (including attorneys' fees) incurred by Assignee in connection with the exercise of any of Assignee's rights hereunder, including without limitation any expense incurred in disposing of the Collateral. All of Assignee's rights and remedies with respect to the Collateral shall be cumulative.

9. Indemnity. Assignor agrees to defend, indemnify and hold harmless Assignee 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 Assignee as a result of or in any way arising out of, following or consequential to transactions between Assignee and Assignor, whether under this Assignment or otherwise (including without limitation attorneys fees and expenses), except for losses arising from or out of Assignee's gross negligence or willful misconduct.

10. Reassignment. At such time as Assignor shall completely satisfy all of the obligations secured hereunder, Assignee shall execute and deliver to Assignor all deeds, assignments and other instruments as may be necessary or proper to revest in Assignor full title to the property assigned hereunder, subject to any disposition thereof which may have been made by Assignee 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 Assignment 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 Assignment may be amended only by a written instrument signed by both parties hereto.

14. Counterparts. This Assignment 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 Assignment shall be governed by the laws of the State of California, without regard for choice of law provisions. Assignor and Assignee consent to the non-exclusive jurisdiction of any state or federal court located in Santa Clara County, California.



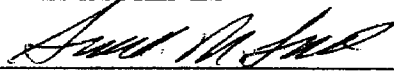
IN WITNESS WHEREOF, the parties hereto have executed this Assignment on the day and year first above written.

Address of Assignor:

935 Washington Street  
San Carlos, CA 94070

ASSIGNOR:

Genomic Instrumentation Services dba  
GENEMACHINES

  
\_\_\_\_\_  
By: Scott P. Hunicke-Smith  
Its: President

Address of Assignee:

1655 The Alameda  
San Jose, CA 95126

ASSIGNEE:

BFI BUSINESS FINANCE

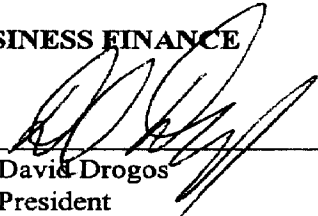
  
\_\_\_\_\_  
By: David Drogos  
Its: President

Exhibit "A"

Copyrights



**Exhibit "B"**  
**Page 1 of 3**

**Patents**

Product	Title/Country	App./Pat. No.	Status	Description
RevPrep Orbit™ Workstation	<i>Array Centrifuge (US)</i>	6,387,031 (U.S. Pat. No.)	Issued	An array centrifuge with rotor assemblies spun on bearings with a belt and pulley system.
	<i>Array Centrifuge (US)</i>	09/989,760 (App.)	Allowed	An array centrifuge with rotor assemblies spun on bearings with a belt and pulley system.
	<i>Array Centrifuge (PCT)</i>	Published on August 3, 2000 as WO 00/45146	Converted	An array centrifuge with rotor assemblies spun on bearings with a belt and pulley system.
	<i>Array Centrifuge (JP)</i>	2000-596349 (App.)	Pending	An array centrifuge with rotor assemblies spun on bearings with a belt and pulley system.
	<i>Array Centrifuge (EP)</i>	907055.8 (App.)	Pending	An array centrifuge with rotor assemblies spun on bearings with a belt and pulley system.
	<i>Array Centrifuge (Can)</i>	2,359,310	Pending	An array centrifuge with rotor assemblies spun on bearings with a belt and pulley system.
	<i>AC RNA isolation (US)</i>	60/274,675 (App.)	Pending	A method of isolating RNA using an array microcentrifuge.
	<i>Filter for Array Cent (US)</i>	60/088,002	Converted	A filter for use in an array microcentrifuge.
	<i>Filter for Array Cent (US)</i>	60/092,437	Converted	A filter for use in an array microcentrifuge.
	<i>Filter for Array Cent (US)</i>	09/324,251 (App.)	Abandoned	A filter for use in an array microcentrifuge.
	<i>Filter for Array Cent (US) CON1</i>	09/872,788 (App.)	Pending	A filter for use in an array microcentrifuge.
	<i>Pipettor (US)</i>	6,374,683 (U.S. Pat. No.)	Allowed	An apparatus for dispensing and aspirating liquid samples.
	<i>Pipettor (US)</i>	n/a	Pending	An apparatus for dispensing and aspirating liquid samples.
	<i>Pipettor (PCT)</i>	Published on August 3, 2000 as WO 00/44497	Abandoned	An apparatus for dispensing and aspirating liquid samples.

GeneMachines Confidential

updated 7/9/2002





**Patents**

	<i>Multi-Channel pipettor having a plurality of readily replaceable needles</i>	60/222,115 (App.)	Abandoned	Pipettor having readily replaceable needles.
	<i>Robotic Work Station (US)</i>	60/118,013	Converted to 01-00-002, 003 and 004	A robotic instrument for biological and chemical processes.
	<i>Robotic Work Station (US)</i>	09/494,133 (App.)	Abandoned	A robotic instrument for biological and chemical processes.
	<i>Robotic Work Station (PCT)</i>	Published on August 3, 2000 as WO 00/45164	Abandoned	A robotic instrument for biological and chemical processes.
PolyPlex <sup>®</sup> oligosynthesizer	<i>Oligosynthesizer (US)</i>	60/125,262	Converted	An apparatus for the automated synthesis of oligonucleotides.
	<i>Oligosynthesizer (US)</i>	09/527,105 (Ap.)	Pending	An apparatus for the automated synthesis of oligonucleotides.
	<i>Oligosynthesizer (PCT)</i>	Published on September 28, 2000 as WO 00/55455	Abandoned	An apparatus for the automated synthesis of oligonucleotides.
OmniGrid <sup>™</sup> and OmniGrid Accent <sup>™</sup> microarrays	<i>Magnetic Substrate Holder (US)</i>	60/100,633	Converted	A magnetic surface for holding microarray substrates in place.
	<i>Magnetic Substrate Holder (US)</i>	09/398,321 (App.)	Abandoned	A magnetic surface for holding microarray substrates in place.
	<i>Array Substrate Holder (US)</i>	60/245,864 (App.)	Converted to non-prov. 11/01	Polymer strips adapted to hold microarray substrates in place.
	<i>Array Substrate Holder (US)</i>	09/999,751 (App.)	Pending	Polymer strips adapted to hold microarray substrates in place.
Miscellaneous	<i>Method of processing cells for cell sorting protocols</i>	60/125,263 (App.)	Abandoned	A robotic instrument for cell sorting protocols.
	<i>Modular system for processing samples in microwell plates</i>	60/073,940 (App.)	Abandoned	A robotic instrument for processing biological samples.
	<i>Passive Grip of Microplates</i>	60/100,658	Converted	A robotic microplate manipulator.
	<i>Passive Grip of Microplates</i>	09/397,167 (App.)	Abandoned	A robotic microplate manipulator.
	<i>Stackable, Interlocking Cassette</i>	60/100,659	Converted	A stackable, interlocking unit for microplates.



**Patents**

	<i>Stackable, Interlocking Cassette</i>	09/393,120 (App.)	Abandoned	A stackable, interlocking unit for microplates.
	<i>Stacker for microtiter plates</i>	29/083438 (App.)	Abandoned	Stacker for microwell plates.



Exhibit "C"

Trademarks

MARK	STATUS	APP./REG.
<b>United States</b>		
Array Centrifuge	Filed	n/a
GeneMachines	Registered	2,255,018
GeneSuite	Registered	2,454,284
HiGro	Pending	76/022,196
HydroShear	Registered	2,440,946
Mantis	Pending	76/116,616
OmniGrid	Registered	2,516,650
PharmaSuite	Allowed	75/863,972
PolyPlex	Registered	2,441,045
RevPrep Orbit	Pending	76/298795
Work Less. Do More.	Pending	76/039,307
DiagnosticSuite	Abandoned	75/864,052
DrugDiscoverySuite	Abandoned	75/864,055
Gel-2-Well	Abandoned	76/022,195
GeneMachine	Abandoned	75/925,983
ProteinSuite	Abandoned	75/863,971
<b>United Kingdom</b>		
OmniGrid	Registered	2245761
GeneMachines	Abandoned	2236474
<b>CTM</b>		
OmniGrid	Allowed	1882604
GeneMachines	Abandoned	1734334
<b>Japan</b>		
GeneMachines	Registered	4407492
OmniGrid	Abandoned	200-104974
<b>Licensed Mark United States</b>		
SUTECH	Registered	2,457,660



**Exhibit "D"**

**(list any exceptions to liens, encumbrances or security interests)**

**UCC 200061460580 filed 01/10/2000**

**UCC 200029760986 filed 10/12/2000**

