

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
NanoString Technologies, Inc.	05/05/2008

RECEIVING PARTY DATA

Name:	Affymetrix, Inc.
Street Address:	3420 Central Expressway
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95051

PROPERTY NUMBERS Total: 12

Property Type	Number
Application Number:	09898743
PCT Number:	US0221278
Application Number:	10542458
PCT Number:	US0649274
PCT Number:	US0649279
Application Number:	11645270
PCT Number:	US0712130
Application Number:	11805273
Application Number:	61029220
Application Number:	12100990
PCT Number:	US0859959
Application Number:	61088988

CORRESPONDENCE DATA

Fax Number: (866)826-5420

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

PATENT

500688650

REEL: 021751 FRAME: 0261

OP \$480.00 09898743

Phone: 3016380511
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Correspondent Name: IP Research Plus, Inc.
Address Line 1: 21 Tadcaster Circle
Address Line 2: Attn: Penelope J.A. Agodoa
Address Line 4: Waldorf, MARYLAND 20602

ATTORNEY DOCKET NUMBER:

33814

NAME OF SUBMITTER:

Penelope J.A. Agodoa

Total Attachments: 5
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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)
NanoString Technologies, Inc.

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Affymetrix, Inc
Internal Address: _____
Street Address: 3420 Central Expressway
City: Santa Clara
State: California
Country: _____ Zip: 95051
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) May 5, 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)
09/898743
B. Patent No.(s)
Additional numbers attached? Yes No

6. Total number of applications and patents involved: 12

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 480.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

5. Name and address to whom correspondence concerning document should be mailed:
Name: IP Research Plus
Internal Address: _____
Attn: Penelope J.A. Agodoa
Street Address: _____
21 Tadcaster Circle
City: Waldorf
State: MD Zip: 20602
Phone Number: 301-638-0511
Fax Number: 866-826-5420
Email Address: orders@ipresearchplus.com

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number _____
Authorized User Name _____

9. Signature: _____
Signature Date
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: 5

Documents 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

PATENT SECURITY AGREEMENT

WHEREAS, NanoString Technologies, Inc., a Delaware corporation (herein referred to as the “Grantor”) owns, or in the case of licenses is a party to, the Patent Collateral (as defined below);

WHEREAS, the Grantor and Affymetrix, Inc. (the “Grantee”), a Delaware corporation, are parties to a Note Purchase Agreement dated as of May 5, 2008 (the “Note Purchase Agreement”) pursuant to which the Grantor agreed to issue and the Grantee agreed to purchase certain Notes (the “Notes”);

WHEREAS, pursuant to the terms and conditions of the Notes, Grantor has secured certain of its obligations (the “Secured Obligations”) by granting to the Grantee for the benefit of the Grantee a continuing security interest in certain intellectual property of the Grantor, including all right, title and interest of the Grantor in, to and under the Patent Collateral (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor grants to the Grantee, to secure the Secured Obligations, a continuing security interest in all of the Grantor’s right, title and interest in, to and under the following (all of the following items or types of property being herein collectively referred to as the “Patent Collateral”), whether now owned or existing or hereafter acquired or arising:

(i) each patent, patent application and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (each a “Patent”) owned by the Grantor, including, without limitation, each Patent referred to in Schedule 1 hereto;

(ii) each agreement now or hereafter in existence granting to any Grantor, or pursuant to which any Grantor grants to any other Person, any right with respect to any Patent or any invention now or hereafter in existence, whether patentable or not, whether a patent or application for patent is in existence on such invention or not, and whether a patent or application for patent on such invention may come into existence or not (each a “Patent License”) including, without limitation, each Patent License identified in Schedule 1 hereto; and

(iii) all proceeds of and revenues from the foregoing, including, without limitation, all proceeds of and revenues from any claim by the Grantor against third parties for past, present or future infringement of any Patent owned by the Grantor (including, without limitation, any Patent identified in Schedule 1 hereto) and all rights and benefits of the Grantor

under any Patent License (including, without limitation, any Patent License identified in Schedule 1 hereto).

The Grantor irrevocably constitutes and appoints the Grantee and any officer or agent thereof, with full power of substitution, as its true and lawful attorney-in-fact with full power and authority in the name of the Grantor or in the Grantee's name, from time to time, in the Grantee's discretion, so long as any Event of Default, as defined in the Notes, shall have occurred and be continuing, to take with respect to the Patent Collateral any and all appropriate action which the Grantor might take with respect to the Patent Collateral and to execute any and all documents and instruments which may be necessary or desirable to carry out the terms of this Patent Security Agreement and to accomplish the purposes hereof.

The foregoing security interest is granted in conjunction with the security interests granted by the Grantor to the Grantee pursuant to the Notes. The Grantor acknowledges and affirms that the rights and remedies of the Grantee with respect to the security interest in the Patent Collateral granted hereby are more fully set forth in the Notes, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

IN WITNESS WHEREOF, the Grantor has caused this Patent Security Agreement to be duly executed by its officer thereunto duly authorized as of the 9th day of October, 2008

NANOSTRING TECHNOLOGIES, INC.

By: 

Name:

WAYNE BURNS

Title:

CFO

PATENT

REEL: 021751 FRAME: 0265

**Schedule 1
to Patent
Security Agreement**

NANOSTRING TECHNOLOGIES, INC.

PATENTS AND DESIGN PATENTS

<u>Patent No.</u>	<u>Issued</u>	<u>Expiration</u>	<u>Country</u>	<u>Title</u>
		<i>N/A</i>		

PATENT APPLICATIONS

<u>Case No.</u>	<u>Serial No.</u>	<u>Country</u>	<u>Date</u>	<u>Filing Title</u>
	09/898,743	US	06/01/2001	Methods for Detection and Quantification of Analytes in Complex Mixtures
	PCT US 02/21278	AU, CA, EP, JP	07/03/2002	Methods for Detection and Quantification of Analytes in Complex Mixtures
	10/542,458	US	01/06/2007	Methods for Detection and Quantification of Analytes in Complex Mixtures
	PCT US 06/049274	AU, CA, EP, JP	12/22/2006	Nanoreporters and Methods of Manufacturing and Use Thereof
	PCT/US06/049279		12/22/2006	Compositions Comprising Oriented, Immobilized Macromolecules and Methods for their Preparation
	11/645,270	US	12/22/2006	Compositions Comprising Oriented, Immobilized Macromolecules and Methods for their Preparation
	PCT/US07/012130		05/21/2007	Systems and Methods for Analyzing Nanoreporters
	11/805,273	US	05/21/2007	Systems and Methods for Analyzing Nanoreporters
	61/029,220	US	02/15/2008	Methods and Computer Systems for Identifying Target Specific Sequences for Use in Nanoreporters

12/100,990	US	04/10/2008	Methods and Computer Systems for Identifying Target Specific Sequences for Use in Nanoreporters
PCT/US08/59959		04/10/2008	Methods and Computer Systems for Identifying Target Specific Sequences for Use in Nanoreporters
61/088,988	US	08/14/2008	Stable Nanoreporters

PATENT LICENSES

Name of Agreement	Parties Licensor/Licensee	Date of Agreement	Subject Matter
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N/A