

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
PerSeptive Biosystems, Inc.		11/21/2008	CORPORATION: DELAWARE

RECEIVING PARTY DATA

Name:	Bank of America, N.A, as Collateral Agent
Street Address:	800 Fifth Avenue
Internal Address:	Floor 17
City:	Seattle
State/Country:	WASHINGTON
Postal Code:	98104
Entity Type:	National Association:

PROPERTY NUMBERS Total: 7

Property Type	Number	Word Mark
Registration Number:	1824134	CYTOFLUOR
Registration Number:	1664900	
Registration Number:	1683653	PERFUSION CHROMATOGRAPHY
Registration Number:	1671028	PERSEPTIVE BIOSYSTEMS
Registration Number:	1629879	POROS
Registration Number:	2116299	POROSZYME
Registration Number:	1945535	SELF PACK

CORRESPONDENCE DATA

Fax Number: (212)859-4000
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 2128598000
 Email: teas@ffhsj.com
 Correspondent Name: Julie Newman, Fried Frank, et al.
 Address Line 1: One New York Plaza

900122607

**TRADEMARK
 REEL: 003902 FRAME: 0758**

CH \$190.00 1824134

Address Line 4: New York, NEW YORK 10004

ATTORNEY DOCKET NUMBER: 30029-191/7274

NAME OF SUBMITTER: Julie A. Newman

Signature: /JAN/

Date: 12/05/2008

Total Attachments: 7

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Grant of Security Interest
in United States Patents and Trademarks

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, PerSeptive Biosystems, Inc., a Delaware corporation (the "Grantor"), having its chief executive office at 500 Old Connecticut Path, Suite 10, Framingham, MA 01701, hereby grants to Bank of America, N.A., as Collateral Agent, (the "Grantee"), with offices at 800 Fifth Avenue, Floor 17, Seattle WA 98104, a security interest in all of the Assignor'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 and Trademark Collateral"), whether presently existing or hereafter arising or acquired:

(i) each United States patent and patent application, including each Patent and Patent Application referred to on Schedule A;

(ii) each United States trademark, trademark registration and trademark application, and all of the goodwill of the business connected with the use of, and symbolized by, each trademark, trademark registration and trademark application, including each Trademark, Trademark Registration and Trademark Application referred to in Schedule B; and

(iii) all products and proceeds of the foregoing, including any claim by the Grantor against third parties for past, present or future infringement of any Patent, or past, present or future infringement or dilution of any Trademark or Trademark registration, including any Patent or Trademark listed on Schedule A or B, or for injury to the goodwill associated with any Trademark or Trademark registration.

THIS GRANT is granted in conjunction with the security interests granted to the Grantee pursuant to the Security Agreement among the Grantor, the Grantee and certain other parties dated as of November 21, 2008, as amended, modified or supplemented from time to time (the "Security Agreement").

THIS GRANT has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are without prejudice to, and are in addition to those set forth in the Security Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Agreement are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of
the 21 day of November, 2008.

PERSEPTIVE BIOSYSTEMS, INC., as Grantor

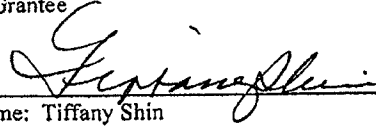
By: David H. Smith

Name: David H. Smith
Title: Authorized Officer

[PerSeptive Biosystems, Inc. – Signature Page for Short Form IP Security Agreement]

TRADEMARK
REEL: 003902 FRAME: 0761

BANK OF AMERICA, N.A., as Collateral Agent,
as Grantee

By: 
Name: Tiffany Shin
Title: Assistant Vice President

Signature Page – IP Security Agreement

TRADEMARK
REEL: 003902 FRAME: 0762

Schedule A

Patents and Patent Applications

<u>Serial Number</u>	<u>Patent Number</u>	<u>Title</u>
09/116294	6025140	Membrane-Permeable Constructs for Transport Across a Lipid Membrane
08/109548	5527675	Method and Apparatus for Degradation and Sequencing of Polymers Which Sequentially Eliminate Terminal Residue
08/487666	6133444	Synthons for the synthesis and deprotection of peptide nucleic acids under mild conditions
09/116793	6172226	Synthons for the synthesis and deprotection of peptide nucleic acids under mild conditions
09/569564	6265559	PNA synthons
08/910552	6063569	Methods for automated synthesis of PNA-DNA chimeras and compositions thereof
08/375910	5605623	Perfusive Chromatography (POROS)
08/800786	5833861	Perfusive Chromatography (POROS)
08/317161	5552041	Perfusive Chromatography (POROS)
08/005877	5234586	On-Line Product Identification in a Chromatography Effluent by Subtraction
08/457326	5641539	Molecular Imaging
07/440230	4958529	Interface for Coupling Liquid Chromatography to Solid or Gas Phase Detectors
07/633715	5095932	Check Valve for Fluid Delivery System
07/633714	5095938	Injector for Fluid Delivery System
07/633717	5111845	Partition Valve for Fluid Delivery System
07/633713	5123443	Fluid Delivery System
07/295048	5187270	Racemization Free Attachment of Amino Acids to a Solid Phase
07/893689	5254476	Method and System for Analysis of Peptides and Proteins
08/717208	5861351	Automated Allyl Deprotection in Solid-Phase Synthesis
08/803557	5777077	Automated Allyl Deprotection in Solid-Phase Synthesis
09/267993	6358692	High Speed, Automated, Continuous Flow, Multi-Dimensional Molecular Selection and Analysis
10/006630	6794148	High speed, automated, continuous flow, multi-dimensional molecular selection and analysis
08/425828	5630924	Compositions, Methods and Apparatus for Ultrafast Electroseparation Analysis
08/853031	5948231	Compositions, Methods and Apparatus for Ultrafast Electroseparation Analysis
08/425290	5757482	Module for Optical Detection in Microscale Fluidic Analyses

<u>Serial Number</u>	<u>Patent Number</u>	<u>Title</u>
08/726090	5885775	Methods for Determining Sequence Information in Polynucleotides using Mass Spectrometry
09/293314	6605475	Apparatus and Methods for Sample Delivery
09/293313	6375817	Apparatus and Methods for Sample Analysis
08/792933	5958202	Capillary Electrophoresis Enzyme Immunoassay
09/261013	6319476	Microfluidic Connector
09/345072	6193471	Pneumatic Control of Formation and Transport of Small Volume Liquid Samples
10/061985	6662818	Programmable tracking pressure regulator for control of higher pressures in microfluidic circuits
10/424326	6993958	Capillary Column Chromatography Process and System
10/061612	6581441	Capillary Column Chromatography Process and System
10/327342	7166441	Method and Apparatus for the Identification and Quantification of Biomolecules
08/278405	5498545	Mass Spectrometer System and Method for Matrix-Assisted Laser Desorption Measurements
09/755951	RE39353	Mass Spectrometer System and Method for Matrix-Assisted Laser Desorption Measurements
09/038324	RE37485	Mass Spectrometer System and Method for Matrix-Assisted Laser Desorption Measurements
09/352246	6057543	Improvements in Time of Flight Mass Spectrometry Analysis of Biomolecules
08/488127	5627369	Improvements in Time of Flight Mass Spectrometry Analysis of Biomolecules
08/446544	5625184	Improvements in Time of Flight Mass Spectrometry Analysis of Biomolecules
09/527697	6281493	Improvements in Time of Flight Mass Spectrometry Analysis of Biomolecules
08/730822	5760393	Improvements in Time of Flight Mass Spectrometry Analysis of Biomolecules
09/058605	6002127	Improvements in Time of Flight Mass Spectrometry Analysis of Biomolecules
09/086861	6541765	Improvements in Time of Flight Mass Spectrometry Analysis of Biomolecules
08/447175	5869240	Methods and Apparatus for Sequencing Polymers with a Statistical Certainty using Mass Spectrometry
08/844462	5821063	Methods and Apparatus for Sequencing Polymers with a Statistical Certainty using Mass Spectrometry
08/796598	5827659	Methods and Apparatus for Sequencing Polymers with a Statistical Certainty using Mass Spectrometry
09/233703	6348688	A Tandem Time-of-Flight Mass Spectrometer with Delayed Extraction and Method for Use

<u>Serial Number</u>	<u>Patent Number</u>	<u>Title</u>
10/023203	6770870	Tandem time-of-flight mass spectrometer with delayed extraction and method for use
09/590878	6534764	A Tandem Time-of-Flight Mass Spectrometer with Damping in Collision Cell and Method for Use
09/579989	6504150	Method and Apparatus for Determining Molecular Weight of Labile Molecules
10/356019	6670606	Preparation of Ion Pulse for Time-of-Flight and for Tandem Time-of-Flight Mass Analysis
09/546465	6545268	Preparation of ion pulse for time-of-flight and for tandem time-of-flight mass analysis
10/178631	6512225	A Tandem Time-of-Flight Mass Spectrometer with Improved Mass Resolution
09/712882	6441369	A Tandem Time-of-Flight Mass Spectrometer with Improved Mass Resolution
09/886734	6936224	Apparatus And Process for Transporting Sample Plates
10/045518	6672344	Robotic system having positionally adjustable multiple probes
10/198372	6621074	Tandem time-of-flight mass spectrometer with improved performance for determining molecular structure
10/227088	6900061	MALDI Plate and Process for Making a MALDI Plate
10/327471	6933497	Time-of-flight mass analyzer with multiple flight paths
10/683794	6844545	MALDI Plate with Removable Insert
10/683024	6825478	Maldi Plate with Removable Magnetic Insert
08/201906	5503933	Covalently Bonded Coatings

Schedule B

Trademarks and Trademark Applications

<u>Trademark</u>	<u>Serial Number</u>	<u>Reg. Number</u>
CYTOFLUOR	74153631	1,824,134
FRACTAL DESIGN	74137570	1,664,900
PERFUSION CHROMATOGRAPHY	74137381	1,683,653
PERSEPTIVE BIOSYSTEMS	74137573	1,671,028
POROS	73831040	1,629,879
POROSZYME	75212374	2,116,299
SELF PACK	74/616617	1,945,535