PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EXACT Sciences Corporation	01/27/2009

RECEIVING PARTY DATA

Name:	Genzyme Corporation
Street Address:	500 Kendall Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02142

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13185235

OP $40.00 13185235

CORRESPONDENCE DATA

Fax Number: (336)607-7500
Phone: (336) 607-7300
Email: catanderson@kilpatricktownsend.com
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.
Correspondent Name: Leslie T. Grab
Address Line 1: 1001 West Fourth Street
Address Line 4: Winston-Salem, NORTH CAROLINA 27101

ATTORNEY DOCKET NUMBER:	57618-815216
NAME OF SUBMITTER:	Catherine A. Anderson

Total Attachments: 9
source=Assignment-Exact to Genzyme#page1.tif
source=Assignment-Exact to Genzyme#page2.tif
source=Assignment-Exact to Genzyme#page3.tif
source=Assignment-Exact to Genzyme#page4.tif

source=Assignment-Exact to Genzyme#page5.tif
source=Assignment-Exact to Genzyme#page6.tif
source=Assignment-Exact to Genzyme#page7.tif
source=Assignment-Exact to Genzyme#page8.tif
source=Assignment-Exact to Genzyme#page9.tif

PATENT ASSIGNMENT

WHEREAS, EXACT Sciences Corporation ("Assignor"), a Delaware corporation with an address of 100 Campus Drive, Marlborough, Massachusetts 01752, is the owner of all rights, title, and interests in and to the patents and patent applications shown on the attached **Exhibit 1** (the "Patents"); and

WHEREAS, Genzyme Corporation ("Assignee"), a Massachusetts corporation with an address of 500 Kendall Street, Cambridge, Massachusetts 02142, desires to acquire the entire right, title, and interest in and to the Patents and all the inventions and discoveries disclosed in the Patents (the "Inventions");

NOW THEREFORE, be it known that effective as of January 27, 2009, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, transfers, and sets over unto Assignee (1) the entire right, title, and interest in all countries throughout the world in and to said Patents and Inventions, including any renewals, revivals, reissues, reexaminations, extensions, continuations, continuations-in-part, and divisions of said Patents and any substitute applications therefor; (2) the entire right to file patent applications ("New Applications") in the name of Assignee or its designee, or in the name of Assignor at Assignee's or its designee's election, on the aforesaid Inventions in all countries of the world; (3) the entire right, title, and interest in and to any patent which issued and may issue on the Inventions in any country, and any renewals, revivals, reissues, reexaminations, and extensions thereof, and any patents of confirmation, registration, and importation of the same; (4) the right to sue and recover for, and the right to profits or damages due or accrued in connection with, any and all past, present, or future infringements of the Patents and Inventions; and (5) the entire right, title, and interest in all convention and treaty rights of all kinds, including without limitation all rights of priority in any country of the world, in and to the above Patents and Inventions;

AND, Assignor hereby authorizes and requests the competent authorities to grant and to issue any and all patents on the Inventions throughout the world to Assignee, its successors, or assigns, whose rights, title, and interests in such patents are the same as would have been held and enjoyed by Assignor had this assignment, sale, and transfer not been made.

[Remainder of this page is intentionally left blank.]

IN WITNESS WHEREOF, the Assignor has caused this Patent Assignment to be duly executed by its officer thereunto duly authorized as of the 27th day of January, 2009.

EXACT SCIENCES CORPORATION

By: _____
Name: Jeffrey R. Luber
Title: President and Chief Executive Officer

STATE OF MASSACHUSETTS)
: ss.:
COUNTY OF SUFFOLK)

On the 27th day of Jan. 2009, before me the undersigned, personally appeared JEFFREY R. LUBER, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public

[SIGNATURE PAGE TO PATENT ASSIGNMENT]

Acknowledgement of Assignee:

GENZYME CORPORATION

By: _____
Name: Earl M. Collier, Jr.
Title: Executive Vice President

STATE OF Massachusetts)
: ss.:
COUNTY OF Middlesex)

On the 27 day of January, 2009, before me the undersigned, personally appeared Earl M. Collier, Jr., personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Mary Ellen Mucci
Notary Public

MARY ELLEN MUCCI
Notary Public
Commonwealth of Massachusetts
My Commission Expires
June 11, 2010

[SIGNATURE PAGE TO PATENT ASSIGNMENT]

Exhibit 1

Country	Title	Patent No.	Application No.	Filing Date	Issue Date
US	Methods for the Detection of Nucleic Acids	6,203,993	09/542,103	04/04/00	03/20/01
US	Method for Detecting a Recombinant Event		11/661,528	08/29/05	
US	Method for Detecting a Mutant Nucleic Acid		11/596,107	05/10/05	
US	Analysis of Heterogeneous Nucleic Acid Samples		11/912,056	04/21/06	
US	Method for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	5,670,325	08/700,583	08/14/96	09/23/97
AU	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	711754	14307/97	12/20/96	10/21/99
CA	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	2,211,702	2,211,702	12/20/96	05/25/99
EP	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	0815263	96944531.1	12/20/96	04/21/04
AT	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	0815263	96944531.1	12/20/96	04/21/04
CH	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	0815263	96944531.1	12/20/96	04/21/04
ES	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	2220997T3	96944531.1	12/20/96	04/21/04

FR	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	0815263	96944531.1	12/20/96	04/21/04
DE	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	69632252.8	96944531.1	12/20/96	04/21/04
GB	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	0815263	96944531.1	12/20/96	04/21/04
IT	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	0815263	96944531.1	12/20/96	04/21/04
JP	Methods for the Detection of Clonal Populations of Transformed Cells in a Genomically Heterogeneous Cellular Sample	3325270	9-523864	12/20/96	07/05/02
US	Methods for the Detection of Loss of Heterozygosity	5,928,870	08/876,857	06/16/97	07/27/99
US	High-Throughput Screening Method for Identification of Genetic Mutations or Disease-Causing Microorganisms Using Segmented Primers	5,888,778	08/877,333	06/16/97	03/30/99
AU	High-Throughput Screening Method for Identification of Genetic Mutations or Disease-Causing Microorganisms Using Segmented Primers	744746	79732/98	06/16/98	06/13/02
US	Methods for Detecting Differences in RNA Expression Levels and Uses Therefor	6,146,828	09/110,759	07/03/98	11/14/00
US	Methods for the Detection of Chromosomal Aberrations	6,214,558	09/626,809	07/27/00	04/10/01
US	Methods for the Detection of Chromosomal Aberrations	6,100,029	08/984,856	12/04/97	08/08/00
AU	Methods for the Detection of Chromosomal Aberrations	759539	18019/99	12/03/98	07/31/03
US	Primer Extension Methods for Detecting Nucleic Acids	6,566,101	09/067,212	04/27/98	05/20/03
AU	Primer Extension Methods for	771294	38654/99	04/23/99	07/01/04

	Detecting Nucleic Acids				
JP	Primer Extension Methods for Detecting Nucleic Acids		2000-546055	04/23/99	
US	Methods for the Detection of Loss of Heterozygosity	6,020,137	09/198,091	11/23/98	02/01/00
US	Methods for Detecting Mutations Using Primer Extension	6,280,947	09/371,991	08/11/99	08/28/01
US	Methods for Detecting Mutations Using Primer Extension	6,482,595	09/940,225	08/27/01	11/19/02
CA	Methods for Detecting Mutations Using Primer Extension		2,381,625	08/09/00	
US	Methods for the Detection of Nucleic Acids	6,300,077	09/542,377	04/04/00	10/09/01
US	Method for Alteration Detection	6,428,964	09/809,713	03/15/01	08/06/02
US	Method for Alteration Detection	6,750,020	09/988,491	11/20/01	06/15/04
CA	Method for Alteration Detection		2,441,021	03/15/02	
EP	Method for Alteration Detection		02725179.2	03/15/02	
US	Methods for Detecting Mutations Using Primer Extension for Detecting Disease	6,503,718	09/757,949	01/10/01	01/07/03
US	Methods for Detecting Mutations Using Primer Extension for Detecting Disease	6,498,012	09/883,717	06/18/01	12/24/02
US	Methods for Detecting Mutations Using Primer Extension for Detecting Disease	6,475,738	09/883,548	06/18/01	11/5/02
US	Methods for Analysis of Molecular Events		10/369,123	02/18/03	
US	Methods for Detecting Hypermethylated Nucleic Acid in Heterogeneous Biological Samples	6,818,404	10/123,071	04/11/02	11/16/04
CA	Methods for Detecting Abnormally Methylated Nucleic Acid in Heterogenous Biological Samples		2,482,192	04/11/03	
EP	Methods for Detecting Abnormally Methylated Nucleic Acid in Heterogenous Biological Samples		03746704.0	04/11/03	
US	Methods for Detecting Contamination	6,844,155	09/870,729	05/30/01	01/18/05

	in Molecular Diagnostics Using PCR				
AU	Methods for Detecting Contamination in Molecular Diagnostics Using PCR	753732	13628/99	10/22/98	02/06/03
CA	Methods for Detecting Contamination in Molecular Diagnostics Using PCR	2,307,177	2,307,177	10/22/98	06/29/04
US	Contiguous Genomic Sequence Scanning	5,830,665	08/808,763	03/03/97	11/03/98
AU	Contiguous Genomic Sequence Scanning	745862	63444/98	03/02/98	07/25/02
US	Method for Monitoring Disease Progression or Recurrence		11/666,561	02/04/08	
US	Methods for Disease Detection	6,586,177	09/455,950	12/07/99	07/01/03
US	Methods for Disease Detection		11/517,808	09/07/06	
CA	Methods for Disease Detection		2,384,368	09/08/00	
EP	Methods for Disease Detection		00968342.6	09/08/00	
JP	Methods for Disease Detection		2001-521786	09/08/00	
US	Methods for Disease Detection	6,919,174	09/514,865	02/28/00	07/19/05
US	Methods for Disease Detection		11/881,138	07/24/07	
CA	Methods for Disease Detection		2,393,709	09/08/00	
EP	Methods for Disease Detection	1239103	00960085.9	09/08/00	12/11/08
JP	Methods for Disease Detection		2001-544373	09/08/00	
US	Methods for Improving Sensitivity and Specificity of Screening Assays	6,143,529	09/277,016	03/26/99	11/07/00
AU	Methods for Improving Sensitivity and Specificity of Screening Assays	761722	39189/00	03/24/00	09/18/03
CA	Methods for Improving Sensitivity and Specificity of Screening Assays		2,369,045	03/24/00	
EP	Methods for Improving Sensitivity and Specificity of Screening Assays	1185693	00918364.1	03/24/00	08/23/06
BE	Methods for Improving Sensitivity and Specificity of Screening Assays	1185693	00918364.1	03/24/00	08/23/06
DE	Methods for Improving Sensitivity and	1185693	00918364.1	03/24/00	08/23/06

	Specificity of Screening Assays				
FR	Methods for Improving Sensitivity and Specificity of Screening Assays	1185693	00918364.1	03/24/00	08/23/06
GB	Methods for Improving Sensitivity and Specificity of Screening Assays	1185693	00918364.1	03/24/00	08/23/06
IT	Methods for Improving Sensitivity and Specificity of Screening Assays	1185693	00918364.1	03/24/00	08/23/06
NL	Methods for Improving Sensitivity and Specificity of Screening Assays	1185693	00918364.1	03/24/00	08/23/06
JP	Methods for Improving Sensitivity and Specificity of Screening Assays		2000-608792	03/24/00	
US	Methods for Detecting Nucleic Acids Indicative of Cancer	6,964,846	09/545,162	04/07/00	11/15/05
US	Methods for Detecting Nucleic Acids Indicative of Cancer		11/960,313	12/19/07	
AU	Methods for Detecting Nucleic Acids Indicative of Cancer	767983	42105/00	04/07/00	03/18/04
CA	Methods for Detecting Nucleic Acids Indicative of Cancer	2,366,778	2,366,778	04/07/00	07/22/08
EP	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
BE	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
CH	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
DE	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
FR	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
GB	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
IT	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
NL	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06

ES	Methods for Detecting Nucleic Acids Indicative of Cancer	1169479	00921839.7	04/07/00	06/28/06
JP	Methods for Detecting Nucleic Acids Indicative of Cancer		2000-611730	04/07/00	
US	Methods of Detecting Cancer Based on DNA Methylation Analysis		11/732,509	04/03/07	
US	Apparatus and Methods for Drug Screening	6,849,403	09/724,274	11/28/00	02/01/05