

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Genzyme Corporation	01/31/2011
RECEIVING PARTY DATA	
Name:	Sekisui Diagnostics, LLC
Street Address:	4 Hartwell Place
City:	Lexington
State/Country:	MASSACHUSETTS
Postal Code:	02421
PROPERTY NUMBERS Total: 9	
Property Type	Number
Patent Number:	7465587
Patent Number:	5714332
Patent Number:	5922548
Patent Number:	5712172
Patent Number:	6001658
Patent Number:	5547873
Patent Number:	6010866
Patent Number:	5403745
Patent Number:	5783400
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	617-443-9292
Email:	lgoldberg@sunsteinlaw.com
Correspondent Name:	Amy DeCloux
Address Line 1:	125 Summer Street

CH \$360.00 7465587

Address Line 2: Sunstein Kann Murphy & Timbers LLP
Address Line 4: 125 Summer Street, MASSACHUSETTS 02110

NAME OF SUBMITTER:	Amy DeCloux
Signature:	/Amy DeCloux/
Date:	08/09/2013

Total Attachments: 17

source=3917_1000_assignment_Genzyme_to_Sekisui#page1.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page2.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page3.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page4.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page5.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page6.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page7.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page8.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page9.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page10.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page11.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page12.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page13.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page14.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page15.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page16.tif
source=3917_1000_assignment_Genzyme_to_Sekisui#page17.tif

PATENT ASSIGNMENT AGREEMENT

THIS PATENT ASSIGNMENT AGREEMENT is dated as of January 31, 2011, and is made from Genzyme Corporation, a Massachusetts corporation (the "Assignor"), to Sekisui Diagnostics, LLC, a Delaware limited liability company ("Assignee").

WHEREAS, the Assignor is the owners of those certain patents and patent applications set forth in the attached Schedule A (the "Patents"); and

WHEREAS, pursuant to the Asset Purchase Agreement dated November 17, 2010, between Assignor and Sekisui Chemical Co., Ltd. (the "Purchase Agreement"), Assignee wishes to acquire from the Assignor, and the Assignor wishes to transfer to Assignee all of the Assignor's right, title and interest in and to the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Assignment of Rights. The Assignor does hereby assign, transfer, and set over unto said Assignee their entire right, title and interest throughout the world in and to the Patents along with (i) any and all applications, improvements, continuations, continuations in part, extensions, substitutions, reissues or reexaminations thereof, foreign counterparts, and the inventions covered thereby, (ii) all files and records relating to the prosecution, exploitation, and defense or enforcement of any of the foregoing, and (iii) all rights of action pertaining to the Patents, including without limitation the right to sue and recover for past infringement thereof, the right to secure registration of the Patents and of this Patent Assignment, the right to initiate or defend other proceedings before all government and administrative bodies with respect to the Patents, and the right to claim priority, file foreign counterparts and make applications for reissue and reexamination with respect to any of the Patents.

2. Further Assurances. The Assignor agrees to, upon Assignee's reasonable request, execute and deliver to Assignee any and all additional papers to establish, perfect or defend Assignee's rights acquired hereunder, including executing further consistent assurances, confirmation, assignments, transfers and releases, and providing good faith testimony by affidavit, declaration, deposition or other means. Assignor's reasonable expenses incurred in providing any of the foregoing will be paid by Assignee.

3. Recordation. The Assignor hereby requests the U.S. Patent and Trademark Office and the relevant patent authority in any other country throughout the world to record this Patent Assignment Agreement to Assignee. The Assignor hereby further authorizes and requests the U.S. Patent and Trademark Office and any relevant patent authority in any other country throughout the world to issue any and all patent registrations resulting from the applications assigned hereunder to Assignee, or its successors and assigns, as assignee of the Assignor's entire interest therein. Assignee will be responsible for any fees associated with such recordation of this Patent Assignment Agreement.


4. General. This Patent Assignment Agreement will be binding upon and inure to the benefit of the parties and their respective successors and assigns, but will not run to the

benefit of or be enforceable by any other person. This Patent Assignment Agreement may be executed in one or more counterparts, each of which shall be deemed an original and binding as of the date first written above, and, when delivered, all of which shall constitute one and the same instrument. This Patent Assignment Agreement will be governed by the laws of the State of New York, without regard to its conflict of laws principles.

(The remainder of this page has been intentionally left blank. Signature page follows.)

IN WITNESS WHEREOF, the parties have executed, made and entered into this Patent Assignment Agreement as of the date first set forth above.

GENZYME CORPORATION

By: 
Name: James A. Geraghty
Title: Sr. Vice President

Signature Page to Patent Assignment Agreement

PATENT
REEL: 030980 FRAME: 0413

IN WITNESS WHEREOF, the parties have executed, made and entered into this Patent Assignment Agreement as of the date first set forth above.

GENZYME CORPORATION

By: _____
Name:
Title:

SEKISUI DIAGNOSTICS, LLC

By: Mitsuhisa Manabe
Name: Mitsuhisa Manabe
Title: CEO

Signature Page to Patent Assignment Agreement

PATENT
REEL: 030980 FRAME: 0414

SCHEDULE A

Case Number: 5125

Title: Indirect Lateral Flow Sandwich Assay

Inventors: Boehringer, Hans; Daquipa, Mark; Yang, Ming; Pisani, Tom; Nag, Sumitra; Salhaney, Jay; Holdridge, Marcella B.; Johnston, Erika; Schonhorn, Jeremy

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
European Patent Convention	07862225.5	27-Nov-2007			
Japan	2009-541304	27-Nov-2007			
Patent Cooperation Treaty	US2007/24384	27-Nov-2007			
United States of America	11/983,671	09-Nov-2007			
United States of America	60/874,302	11-Dec-2006			

Case Number: 5127

Title: DIAGNOSTIC ASSAY DEVICE

Inventors: Imrich, Michael R

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Brazil	P10515758-7	01-Nov-2005			
Canada	2,584,076	01-Nov-2005			
European Patent Convention	05814868.5	01-Nov-2005	1831689	05-Aug-2009	01-Nov-2025
France	05814868.5	01-Nov-2005	1831689	05-Aug-2009	01-Nov-2025
Germany	602005015894.4-08	01-Nov-2005	1831689	05-Aug-2009	01-Nov-2025
Mexico	MX/A/2007/005074	26-Apr-2007	267747	24-June-2009	01-Nov-2025
Netherlands	05814868.5	01-Nov-2005	1831689	05-Aug-2009	01-Nov-2025
Patent Cooperation Treaty	US05/39459	01-Nov-2005			
United Kingdom	05814868.5	01-Nov-2005	1831689	05-Aug-2009	01-Nov-2025
United States of America	11/004,370	03-Dec-2004	7,465,587	16-Dec-2008	03-Dec-2024

Case Number: 5145

Title: ANALYTE DETERMINATION USING COMPARISON OF JUXTAPOSED COMPETITIVE AND NON-COMPETITIVE ELISA RESULTS AND DEVICE THEREFORE

Inventors: Pouletty, Philippe; Kendreck, Teresa

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America	07/549,372	06-Jul-1990	5,158,869	27-Oct-1992	06-Jul-2010

Case Number: 5146

Title: ANTI Alpha-GAL SCREENING TECHNIQUE

Inventors: Lussow, Alexander R.; Buelow, Roland; Pouletty, Philippe

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America	08/740,166	22-Oct-1996	5,714,332	03-Feb-1998	22-Oct-2016
United States of America	08/942,807	02-Oct-1997	5,922,548	13-Jul-1999	22-Oct-2016

Case Number: 5230

Title: ONE STEP IMMUNOCHROMATOGRAPHIC DEVICE AND METHOD OF USE

Inventors: Huang, Ching; Fan, Eugene

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Austria	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
European Patent Convention	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
France	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
Germany	96911611.0	04-Apr-1996	69623458.0	04-Sep-2002	04-Apr-2016
Ireland	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
Italy	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
Netherlands	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
Patent Cooperation Treaty	US96/04748	04-Apr-1996			
Spain	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
Switzerland	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
United Kingdom	96911611.0	04-Apr-1996	0824697	04-Sep-2002	04-Apr-2016
United States of America	08/444,238	18-Apr-1995	5,712,172	27-Jan-1998	18-Apr-2015
United States of America	09/590,432	09-Jan-1998	6,368,876	09-Apr-2002	18-Apr-2015

Case Number: 5241

Title: HYBRID ONE-STEP IMMUNOCHROMATOGRAPHIC DEVICE AND METHOD OF USE

Inventors: Cheng, Shu-Ching; Huang, Ching; Wu, Ming-Shian; Willrodt, Michael J.; Cunningham, Herbert B.; Fan, Eugene

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Patent Cooperation Treaty	US98/15202	22-Jul-1998			
United States of America	08/900,559	25-Jul-1997	6,979,576	27-Dec-2005	25-Jul-2017
United States of America	11/366,761	02-Mar-2006	7,666,614	23-Feb-2010	15-Jun-2025
United States of America	11/880,311	20-Jul-2007			

Case Number: 5263

Title: HYBRID ONE-STEP IMMUNOCHROMATOGRAPHIC DEVICE AND METHOD OF USE

Inventors: Rehg, Leslie; Huang, Ching; Willrodt, Michael J.; Bradfield, Herbert; Cunningham, Julian; Fan, Eugene

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Canada	2,272,289	18-Nov-1997	2272289	09-Jun-2009	18-Nov-2017
Denmark	97949502.5	18-Nov-1997	EP0941468	11-Jul-2007	18-Nov-2017
European Patent Convention	97949502.5	18-Nov-1997	EP0941468	11-Jul-2007	18-Nov-2017
France	97949502.5	18-Nov-1997	EP0941468	11-Jul-2007	18-Nov-2017
Germany	97949502.5	18-Nov-1997	69737911.6	11-Jul-2007	18-Nov-2017
Ireland	97949502.5	18-Nov-1997	EP0941468	11-Jul-2007	18-Nov-2017
Italy	97949502.5	18-Nov-1997	30032/BE/2007	30-Aug-2007	18-Nov-2017
Netherlands	97949502.5	18-Nov-1997	EP0941468	11-Jul-2007	18-Nov-2017
Patent Cooperation Treaty	US97/21245	18-Nov-1997			
United Kingdom	97949502.5	18-Nov-1997	EP0941468	11-Jul-2007	18-Nov-2017
United States of America	08/963,412	03-Nov-1997	6,194,221	27-Feb-2001	18-Nov-2017

Case Number: 5389

Title: ACETAMINOPHEN ASSAY

Inventors: Bulger, Michael and Holinsky, Jan

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Patent Cooperation Treaty	CA2009/000509	17-Apr-2009			
United States of America	12/425,482	17-Apr-2009			
United States of America	61/048,406	28-Apr-2008			
Brazil		17-Apr-2009			
Canada	2722444	17-Apr-2009			
China	200980115106.3	17-Apr-2009			
European Patent Convention	09737565.3	17-Apr-2009			
India	3762/KOLNP/2010	17-Apr-2009			
Japan		17-Apr-2009			
Mexico	MX/A/2010/011763	17-Apr-2009			

Case Number: 5398

Title: Test Strip Apparatus and Method for Determining Presence of Analyte in a Fluid Sample

Inventors: Fredrickson, Robert A.

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America	08/710,259	13-Sep-1996	6,001,658	14-Dec-1999	13-Sep-2016
United States of America	60/003,701	13-Sep-1995			

Case Number: 5399

Title: Test Strip Holder and Method of Use

Inventors: MacKay, Dana H., Fredrickson, Robert A.

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Japan	9-500269	07-Jun-1996	3042544	10-Mar-2000	07-Jun-2016
Patent Cooperation Treaty	PCT/IB96/00650	07-Jun-1996			
United States of America	08/476,036	07-Jun-1995	5656502	12-Aug-1997	07-Sept-2009 (non-payment of fees)

Case Number: GC-19

Title: Expression of DNA Sequences Derived from Nocardioform Micro-organism

Inventors: Long, Susan; Ostroff, Gary R.

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
European Patent Convention	89912918.3	14-Nov-1989	EP0426768	26-Feb-1997	14-Nov-2009
Germany	68927802008	14-Nov-1989	EP0426768	14-Nov-1989	14-Nov-2009
Japan	2-500428	14-Nov-1989	2960775	30-Jul-1999	14-Nov-2009
Liechtenstein	89912918.3	14-Nov-1989	EP0426768	26-Feb-1997	30-Nov-2002 (Non-payment of fees)
United Kingdom	89912918.3	14-Nov-1989	EP0426768	26-Feb-1997	14-Nov-2009
United States of America	08/080,598	21-Jun-1993	6,022,703	08-Feb-2000	08-Feb-2017
United States of America	07/269,669	14-Nov-1988			19-Sept-1990 (abandoned)

Case Number: GEN4-05

Invention Title: Protein Calibrator/Control Product

Inventors: Magneson, Gerald R.; Reichenbach, David L.

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
Patent Cooperation Treaty	US95/02278	21-Feb-1995			
United States of America	08/198,430	22-Feb-1994	5,547,873	20-Aug-1996	22-Feb-2014

Case Number: GZ0110

Title: Composition for Patient Sample Preparation

Inventors: Chan, Raymond

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America	09/019,831	06-Feb-1998	5,958,300	28-Sep-1999	06-Feb-2018

Case Number: GZ1-01

Title: Determination of Analytes in Biological Fluids in the Presence of Substances Interfering with Assays Therefor

Inventors: Pogorzelski, Donald E.; Ollington, James F.; Byrnes, Ronald J.

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America	07/515,596	27-Apr-1990	5,403,745	04-Apr-1995	04-Apr-2012
United States of America	08/393,337	23-Feb-1995	6,010,866	04-Jan-2000	04-Jan-2017

Case Number: GZ1-04

Title: Method for the Isolation of Lipoprotein (A) Allowing for the Subsequent Quantification of its Mass and Cholesterol Content

Inventors: Ollington, James F.; Christopher, Charles W.; Gebski, Christine P.; Asher, Robert; Murphy, Timothy; Sunstein, Bruce; Pham, Chinh; Petuchowski, Samuel; Strimpel, Harriett

Country	Application Number	Filing Date	Patent Number	Issue Date	Expiration Date
United States of America	08/479,700	07-Jun-1995	5,783,400	21-Jul-1998	21-Jul-2015
United States of America	07/515,596	27-Apr-1990	5,403,745	04-Apr-1995	04-Apr-2012