

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Stratagene California	06/15/2010

**RECEIVING PARTY DATA**

Name:	AGILENT TECHNOLOGIES, INC.
Street Address:	P.O. Box 7599
Internal Address:	Legal Department, MS DL429
City:	Loveland
State/Country:	COLORADO
Postal Code:	80537-0599

**PROPERTY NUMBERS Total: 110**

Property Type	Number
Application Number:	09896923
Application Number:	10035091
Application Number:	10198449
Application Number:	10208508
Application Number:	10227110
Application Number:	10435766
Application Number:	10702400
Application Number:	10734563
Application Number:	11435018
Application Number:	11488535
Application Number:	11502819
Application Number:	11627926
Application Number:	11633814
Application Number:	11651169

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Application Number:	11688652
Application Number:	11833493
Application Number:	12646565
Patent Number:	5112470
Patent Number:	5188957
Patent Number:	5286636
Patent Number:	5288647
Patent Number:	5300432
Patent Number:	5328581
Patent Number:	5336412
Patent Number:	5342497
Patent Number:	5347075
Patent Number:	5354656
Patent Number:	5378359
Patent Number:	5378360
Patent Number:	5395591
Patent Number:	5413708
Patent Number:	5449603
Patent Number:	5487985
Patent Number:	5489523
Patent Number:	5491062
Patent Number:	5506137
Patent Number:	5510099
Patent Number:	5512468
Patent Number:	5523221
Patent Number:	5525300
Patent Number:	5545552
Patent Number:	5552314
Patent Number:	5556772
Patent Number:	5589155
Patent Number:	5589392
Patent Number:	5605824
Patent Number:	5646019
Patent Number:	5681726
Patent Number:	5700672

Patent Number:	5707841
Patent Number:	5773257
Patent Number:	5779981
Patent Number:	5780225
Patent Number:	5789166
Patent Number:	5824287
Patent Number:	5866395
Patent Number:	5932419
Patent Number:	5948663
Patent Number:	5955056
Patent Number:	6017748
Patent Number:	6040184
Patent Number:	6054263
Patent Number:	6054307
Patent Number:	6183997
Patent Number:	6261797
Patent Number:	6280998
Patent Number:	6303313
Patent Number:	6333165
Patent Number:	6338965
Patent Number:	6379553
Patent Number:	6391548
Patent Number:	6444428
Patent Number:	6479243
Patent Number:	6489150
Patent Number:	6566053
Patent Number:	6586249
Patent Number:	6645761
Patent Number:	6657169
Patent Number:	6706525
Patent Number:	6706879
Patent Number:	6713285
Patent Number:	6730883
Patent Number:	6734293
Patent Number:	6803216

Patent Number:	6841357
Patent Number:	6869797
Patent Number:	6878905
Patent Number:	6884620
Patent Number:	6946273
Patent Number:	6962821
Patent Number:	7005617
Patent Number:	7045328
Patent Number:	7078220
Patent Number:	7081600
Patent Number:	7083931
Patent Number:	7090978
Patent Number:	7109178
Patent Number:	7132265
Patent Number:	7176004
Patent Number:	7235362
Patent Number:	7238478
Patent Number:	7297519
Patent Number:	7312052
Patent Number:	7363168
Patent Number:	7459302
Patent Number:	7517688
Patent Number:	7608841
Patent Number:	7625725
Patent Number:	7659100
Patent Number:	7704712

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	STGN ASSIGN TO AGILENT	<b>PATENT</b>
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NAME OF SUBMITTER:

Tamara Kupu

**Total Attachments: 7**

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## ASSIGNMENT

This Assignment is effective as of June 15, 2010 by and between Agilent Technologies, Inc., a Delaware corporation with its principle offices located at 5301 Stevens Creek Boulevard, Santa Clara, CA 95051, U.S.A ("Agilent"), and Stratagene California, a California corporation with its principle offices located at 11011 North Torrey Pines Road, La Jolla, CA 92037, U.S.A.

## RECITALS

WHEREAS, Stratagene California is currently the owner of certain patents and patent applications (the "Intellectual Property"); and

WHEREAS, Stratagene California desires to assign legal title to the Intellectual Property to Agilent.


NOW, THEREFORE, the parties agree as follows:

1. Stratagene California hereby assigns to Agilent its right, title, and interest in all of its patents and patent applications, including in particular the patents and patent applications listed in Appendix A.
2. Agilent hereby accepts the assignment of the patents and patent applications described above.

Stratagene California


Agilent Technologies, Inc.

By:



Stephen D. Williams  
Vice President and Secretary

By:



Douglas A. Kundrat  
Vice President, Deputy General Counsel  
& Director of Intellectual Property

## APPENDIX A

### PENDING APPLICATIONS

APPLICATION NO.	DATE FILED	TITLE
09/896,923	29-Jun-01	Compositions and Methods Utilizing DNA Polymerases
10/035,091	21-Dec-01	High Fidelity DNA Polymerase Compositions and Uses Thereof
10/198,449	18-Jul-02	Multi-Site Mutagenesis
10/208,508	30-Jul-02	High Fidelity DNA Polymerase Compositions and Uses Thereof
10/227,110	23-Aug-02	High Fidelity DNA Polymerase Compositions and Uses Thereof
10/435,766	12-May-03	DNA Polymerase Mutants
10/702,400	5-Nov-03	DNA Polymerase Blends and Uses Thereof
10/734,563	12-Dec-03	DNA Polymerase Compositions for Quantitative PCR and Methods Thereof
11/435,018	15-May-06	Compositions and Methods Utilizing DNA Polymerases
11/488,535	17-Jul-06	DNA Binding Protein-Polymerase Chimeras
11/502,819	10-Aug-06	Mutant Reverse Transcriptase and Methods of Use
11/627,926	26-Jan-07	Methods, Compositions, and Kits for Detection of MicroRNA
11/633,814	4-Dec-06	Polymerase Enhancing Factor (PEF) Extracts PEF Protein Complexes Isolated PEF Proteins and Methods for Purifying and Identifying
11/651,169	8-Jan-07	Reaction Buffer Composition for Nucleic Acid Replication with Packed DNA Polymerases
11/688,652	20-Mar-07	Methods for the Biological Separation of Materials Using Sulfolane
11/833,493	3-Aug-07	Addressable Multi-Channel Peristaltic Pump
12/646,565	23-Dec-09	DNA Polymerase Fusions and Uses Thereof

### ISSUED PATENTS

APPLICATION No.	DATE FILED	PATENT #	ISSUE DATE	TITLE
07/624,074	7-Dec-90	5,112,470	12-May-92	Electrophoresis Apparatus
07/661,396	26-Feb-91	5,188,957	23-Feb-93	Lambda Packaging Extract Lacking Beta-Galactosidase Activity
07/856,556	21-May-92	5,286,636	15-Feb-94	DNA Cloning Vectors with In Vivo Excisable Plasmids
07/686,491	17-Apr-91	5,288,647	22-Feb-94	Method of Irradiating Biological Specimens

## APPENDIX A

APPLICATION No.	DATE FILED	PATENT #	ISSUE DATE	TITLE
08/065,078	20-May-93	5,300,432	5-Apr-94	Octanucleotide Restriction Endonuclease, SRF I, and Method for Producing the Same
07/643,398	18-Jan-91	5,328,581	12-Jul-94	Electrophoresis Temperature Feedback Controller
08/084,534	28-Jun-93	5,336,412	9-Aug-94	Push Column and Chromatography Method
07/682,589	8-Apr-91	5,342,497	30-Aug-94	Electrophoresis System
07/711,332	6-Jun-91	5,347,075	13-Sep-94	Mutagenesis Testing Using Transgenic Non-Human Animals Carrying Test DNA Sequences
07/416,021	2-Oct-89	5,354,656	11-Oct-94	An Improved Method of DNA Sequencing
07/827,995	30-Jan-92	5,378,359	3-Jan-95	Push Column and Chromatography Method
08/084,533	28-Jun-93	5,378,360	3-Jan-95	Push Column and Chromatography Method
07/999,434	30-Dec-92	5,395,591	7-Mar-95	Apparatus of Irradiating Biological Specimens
08/232,713	25-Apr-94	5,413,708	9-May-95	Push Column and Chromatography Method
07/425,864	24-Oct-89	5,449,603	12-Sep-95	Method for Hybridizing Nucleic Acids Using Single-Stranded Nucleic Acid Binding Protein
07/959,119	9-Oct-92	5,487,985	30-Jan-96	Arbitrarily Primed Polymerase Chain Reaction Method for Fingerprinting Genomes
07/966,278	26-Oct-92	5,489,523	6-Feb-96	Exonuclease-Deficient Thermostable Pyrococcus Furiosus DNA Polymerase I
08/158,681	23-Nov-93	5,491,062	13-Feb-96	Polynucleotide Amplification Mycoplasma Assay, Primers, and Kits Therefore
08/096,947	22-Jul-93	5,506,137	9-Apr-96	Purified Thermostable Pyrococcus Furiosus DNA Ligase
08/125,618	23-Sep-93	5,510,099	23-Apr-96	Mutagenesis Testing Using Transgenic Non-Human Animals Carrying Test DNA Sequences
08/151,577	22-Nov-93	5,512,468	30-Apr-96	Process of Producing Highly Transformable Bacterial Cells and Cells Produced Thereby
08/078,662	16-Jun-93	5,523,221	4-Jun-96	Method for the Directional Cloning of DNA
08/139,540	20-Oct-93	5,525,300	11-Jun-96	Thermal Cycler Including a Temperature Gradient Block
08/424,921	19-Apr-95	5,545,552	13-Aug-96	Purified Thermostable Pyrococcus Furiosus DNA Polymerase I
08/441,368	15-May-95	5,552,314	3-Sep-96	Cloning Host Organisms
08/197,791	16-Feb-94	5,556,772	17-Sep-96	Polymerase Compositions and Uses Thereof



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APPLICATION No.	DATE FILED	PATENT #	ISSUE DATE	TITLE
08/398,933	6-Mar-95	5,589,155	31-Dec-96	Mutagenesis Testing Using Transgenic Non-Human Animals Carrying Test DNA Sequences
08/158,718	29-Nov-93	5,589,392	31-Dec-96	Nucleic Acid Construct Encoding a Nuclear Transport Peptide Operatively Linked to an Inducible Promoter
08/078,769	16-Jun-93	5,605,824	25-Feb-97	Composition for Hybridizing Nucleic Acids Using Single-Stranded Nucleic Acid Binding Protein
08/224,981	7-Apr-94	5,646,019	8-Jul-97	Method for Producing Primed Nucleic Acid Templates
08/116,049	2-Sep-92	5,681,726	28-Oct-97	Method of Double Stranded DNA Synthesis
07/919,140	23-Jul-92	5,700,672	23-Dec-97	Purified Thermostable Pyrococcus Furiosus DNA Ligase
08/637,003	18-Apr-96	5,707,841	13-Jan-98	Process of Producing Highly Transformable Bacterial Cells and Cells Produced Thereby
08/469,564	6-Jun-95	5,773,257	30-Jun-98	Method for Producing Primed Nucleic Acid Templates
08/634,826	19-Apr-96	5,779,981	14-Jul-98	Thermal Cycler including a Temperature Gradient Block
08/315,269	29-Sep-94	5,780,225	14-Jul-98	Method for Generating Libraries of Antibody Genes Comprising Amplification of Diverse Antibody DNAs and Methods for Using These Libraries for the Production of Diverse Antigen Combining Molecules
08/567,881	8-Dec-95	5,789,166	4-Aug-98	Circular Site-Directed Mutagenesis
08/462,995	5-Jun-95	5,824,287	20-Oct-98	Mutagenesis Testing Using Transgenic Non-Human Animals Carrying Test DNA Sequences
08/556,355	13-Nov-95	5,866,395	2-Feb-99	Purified Thermostable Pyrococcus Furiosus DNA Polymerase I
08/844,524	17-Apr-97	5,932,419	3-Aug-99	Circular Site-Directed Mutagenesis
07/803,627	2-Dec-91	5,948,663	7-Sep-99	Purified Thermostable Pyrococcus Furiosus DNA Polymerase I
08/397,504	31-May-95	5,955,056	21-Sep-99	Mutagenesis Testing Using Transgenic Non-Human Animals Carrying Test DNA Sequences
08/488,423	7-Jun-95	6,017,748	25-Jan-00	Cloning Host Organisms
09/253,703	22-Feb-99	6,040,184	21-Mar-00	Method for More Efficient Electroporation
09/115,175	14-Jul-98	6,054,263	25-Apr-00	Thermal Cycler including a Temperature Gradient Block
08/932,445	19-Sep-97	6,054,307	25-Apr-00	Octanucleotide Restriction Endonuclease, SRF I, and Method for Producing Same

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APPLICATION No.	DATE FILED	PATENT #	ISSUE DATE	TITLE
08/822,774	21-Mar-97	6,183,997	6-Feb-01	Polymerase Enhancing Factor (PEF) Extracts PEF Protein Complexes Isolated PEF Proteins and Methods for Purifying and Identifying Same
08/713,404	13-Sep-96	6,261,797	17-Jul-01	Primer-Mediated Polynucleotide Synthesis and Manipulation Techniques
08/916,232	22-Aug-97	6,280,998	28-Aug-01	Purified Thermostable Pyrococcus Furiosus DNA Ligase
09/439,732	12-Nov-99	6,303,313	16-Oct-01	Method for Generating Libraries of Antibody Genes Comprising Amplification of Diverse Antibody DNAs and Methods for Using These Libraries for the Production of Diverse Antigen Combining Molecules
09/632,711	4-Aug-00	6,333,165	25-Dec-01	Polymerase Enhancing Factor (PEF) Extracts PEF Protein Complexes Isolated PEF Proteins and Methods for Purifying and Identifying Same
09/531,253	17-Mar-00	6,338,965	15-Jan-02	Method for More Efficient Electroporation
09/632,703	4-Aug-00	6,379,553	30-Apr-02	Polymerase Enhancing Factor (PEF) Extracts PEF Protein Complexes Isolated PEF Proteins and Methods for Purifying and Identifying Same
09/274,383	23-Mar-99	6,391,548	21-May-02	Circular Site-Directed Mutagenesis
09/632,702	4-Aug-00	6,444,428	3-Sep-02	Polymerase Enhancing Factor (PEF) Extracts PEF Protein Complexes Isolated PEF Proteins and Methods for Purifying and Identifying Same
09/800,229	5-Mar-01	6,479,243	12-Nov-02	Method for Generating Libraries of Antibody Genes Comprising Amplification of Diverse Antibody DNAs and Methods for Using These Libraries for the Production of Diverse Antigen Combining Molecules
09/244,889	5-Feb-99	6,489,150	3-Dec-02	Purified Thermostable Pyrococcus Furiosus DNA Polymerase I
08/579,445	27-Dec-95	6,566,053	20-May-03	Identification of Neoplasms by Detection of Genetic Insertions and Deletions
10/052,241	15-Jan-02	6,586,249	1-Jul-03	Method for More Efficient Electroporation
09/839,650	19-Apr-01	6,645,761	11-Nov-03	Humanized Polynucleotide Sequence Encoding Renilla Mulleri Green Fluorescent Protein
09/364,051	30-Jul-99	6,657,169	2-Dec-03	Apparatus for Thermally Cycling Samples of Biological Material with Substantial Temperature Uniformity

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APPLICATION No.	DATE FILED	PATENT #	ISSUE DATE	TITLE
08/846,996	1-May-97	6,706,525	16-Mar-04	Highly Transformable Bacterial Cells and Methods for Producing the Same
10/087,072	28-Feb-02	6,706,879	16-Mar-04	Flourescent Dye
10/144,652	10-May-02	6,713,285	30-Mar-04	Circular Site-Directed Mutagenesis
10/262,994	2-Oct-02	6,730,883	4-May-04	Flexible Heating Cover Assembly for Thermal Cycling of Samples of Biological Material
09/399,003	20-Sep-99	6,734,293	11-May-04	Polymerase Enhancing Factor (PEF) Extracts PEF Protein Complexes Isolated PEF Proteins and Methods for Purifying and Identifying
10/154,206	23-May-02	6,803,216	12-Oct-04	Compositions and Methods for Random Nucleic Acid Mutagenesis
10/113,547	29-Mar-02	6,841,357	11-Jan-05	Method and Kits for Titering Adeno-Associated Virus Vectors
10/611,806	30-Jun-03	6,869,797	22-Mar-05	Method for More Efficient Electroporation
10/811,663	2-Mar-04	6,878,905	12-Apr-05	Apparatus and Method for Flexible Heating Cover Assembly for Thermal Cycling of Samples of Biological Material
10/652,703	29-Aug-03	6,884,620	26-Apr-05	Humanized Polynucleotide Sequence Encoding Renilla Mulleri Green Fluorescent Protein
09/698,341	27-Oct-00	6,946,273	20-Sep-05	Compositions and Methods Utilizing DNA Polymerases
10/309,814	5-Dec-02	6,962,821	8-Nov-05	Thermal Cycler Including a Temperature Gradient Block
10/691,874	23-Oct-03	7,005,617	28-Feb-06	Apparatus and Method for Thermally Cycling Samples of Biological Material with Substantial Temperature Uniformity
10/176,357	19-Jun-02	7,045,328	16-May-06	Purified Thermostable Pyrococcus Furiosus DNA Polymerase I
10/800,389	12-Mar-04	7,078,220	18-Jul-06	Highly Transformable Bacterial Cells and Methods for Producing the Same
11/103,059	11-Apr-05	7,081,600	25-Jul-06	Apparatus and Method for Flexible Heating Cover Assembly for Thermal Cycling of Samples of Biological Material
10/815,337	1-Apr-04	7,083,931	1-Aug-06	Renilla GFP Mutants with Increased Fluorescent Intensity and Spectral Shift
10/394,485	20-Mar-03	7,090,978	15-Aug-06	identification of Neoplasms by Detection of Genetic Insertions and Deletions
10/057,050	25-Jan-02	7,109,178	19-Sep-06	Method for Ligating Nucleic Acids and Molecular Cloning
10/229,390	26-Aug-02	7,132,265	7-Nov-06	Circular Site-Directed Mutagenesis

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APPLICATION No.	DATE FILED	PATENT #	ISSUE DATE	TITLE
10/811,062	25-Mar-04	7,176,004	13-Feb-07	Circular Site-Directed Mutagenesis
10/987,388	12-Nov-04	7,235,362	26-Jun-07	Compositions and Methods for Protein Isolation
10/712,137	13-Nov-03	7,238,478	3-Jul-07	Compositions and Methods for Protein Isolation
10/319,778	13-Dec-02	7,297,519	20-Nov-07	Polymerase Compositions and Uses Thereof
08/529,767	18-Sep-95	7,312,052	25-Dec-07	Polymerase Compositions and Uses Thereof
10/262,474	1-Oct-02	7,363,168	22-Apr-08	Adaptive Baseline Algorithm for Quantitative PCR
10/261,751	1-Oct-02	7,459,302	2-Dec-08	Side-Wall Heater for Thermocycler Device
11/284,343	21-Nov-05	7,517,688	14-Apr-09	Method for Ligating Nucleic Acids and Molecular Cloning
11/451,903	12-Jun-06	7,608,841	27-Oct-09	System and Method for a Fluorescence Excitation and Detection Having Distinct Optical Paths
09/631,613	4-Aug-00	7,625,725	1-Dec-09	Polymerase Enhancing Factor (PEF) Extracts PEF Protein Complexes Isolated PEF Proteins and Methods for Purifying and Identifying Them
11/606,865	29-Nov-06	7,659,100	9-Feb-10	DNA Polymerase Fusions and Uses Thereof
10/805,650	19-Mar-04	7,704,712	27-Apr-10	DNA Polymerase Fusions and Uses Thereof