

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2817524

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PROMETHEUS LABORATORIES INC.	12/04/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NESTEC S.A.
<b>Street Address:</b>	AVENUE NESTLE 55
<b>City:</b>	VEVEY
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	CH-1800
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14222531
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(415)576-0300
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	4155760200
<b>Email:</b>	aacevedo@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON
<b>Address Line 1:</b>	TWO EMBARCADERO CENTER
<b>Address Line 2:</b>	EIGHTH FLOOR
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94111
<b>ATTORNEY DOCKET NUMBER:</b>	88473-016840US-884736
<b>NAME OF SUBMITTER:</b>	JOSEPH R. SNYDER
<b>SIGNATURE:</b>	/Joseph R. Snyder/
<b>DATE SIGNED:</b>	04/16/2014
<b>Total Attachments: 20</b>	
source=Prometheus_Nestec_14222531#page1.tif	
source=Prometheus_Nestec_14222531#page2.tif	
source=Prometheus_Nestec_14222531#page3.tif	
source=Prometheus_Nestec_14222531#page4.tif	
source=Prometheus_Nestec_14222531#page5.tif	
source=Prometheus_Nestec_14222531#page6.tif	

PATENT

source=Prometheus\_Nestec\_14222531#page7.tif  
source=Prometheus\_Nestec\_14222531#page8.tif  
source=Prometheus\_Nestec\_14222531#page9.tif  
source=Prometheus\_Nestec\_14222531#page10.tif  
source=Prometheus\_Nestec\_14222531#page11.tif  
source=Prometheus\_Nestec\_14222531#page12.tif  
source=Prometheus\_Nestec\_14222531#page13.tif  
source=Prometheus\_Nestec\_14222531#page14.tif  
source=Prometheus\_Nestec\_14222531#page15.tif  
source=Prometheus\_Nestec\_14222531#page16.tif  
source=Prometheus\_Nestec\_14222531#page17.tif  
source=Prometheus\_Nestec\_14222531#page18.tif  
source=Prometheus\_Nestec\_14222531#page19.tif  
source=Prometheus\_Nestec\_14222531#page20.tif

**ASSIGNMENT**

WHEREAS, Prometheus Laboratories Inc. of 9410 Carroll Park Drive, San Diego, California, 92121-5201, hereinafter referred to as "ASSIGNOR," is the owner of all rights in certain new and useful improvements as described and set forth in the United States Letters Patents and the applications for United States Letters Patents and international patent applications identified in the attached Schedule A;


WHEREAS, Nestec S.A. of Avenue Nestlé 55, CH-1800 Vevey, Switzerland, hereinafter referred to as "ASSIGNEE," wants to acquire an interest in the inventions and applications and in any Letters Patents and Registrations that have been and may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the inventions and applications and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patents and Registrations which have been and may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the applications as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patents and Registrations which have been and may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, reexamination, prolongation or extension thereof.

IN TESTIMONY WHEREOF, this Assignment is executed this

4<sup>th</sup> day of December, 2012.

BY:

  
\_\_\_\_\_  
Prometheus Laboratories Inc.

Title: *Vice President, Legal Affairs*

SCHEDULE A

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-794045 018270PC	ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	WIPO	PCT/US2010/054125	10/26/2010		
88473-672875 001300US	METHOD OF DIAGNOSING TISSUE FIBROSIS	USA	60/514,034	10/24/2003		
88473-687204 001310PC	METHOD OF DIAGNOSING TISSUE FIBROSIS	WIPO	PCT/US04/035766	10/25/2004		
88473-687205 001310US	METHODS OF DIAGNOSING TISSUE FIBROSIS	USA	10/971,195	10/22/2004	7,670,764	3/2/2010
88473-781922 001320US	METHODS OF DIAGNOSING TISSUE FIBROSIS	USA	12/695,126	1/27/2010		
88473-737033 001420PC	METHODS FOR OPTIMIZING CLINICAL RESPONSIVENESS TO METHOTREXATE THERAPY USING METABOLITE PROFILING AND PHARMACOGENETICS	WIPO	PCT/US2004/027851	8/27/2004		
[REDACTED]						
88473-678279 002200US	INFLAMMATORY BOWEL DISEASE ASSAY SYSTEM	USA	60/571,216	5/13/2004		
88473-698481 002210PC	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	WIPO	PCT/US2005/016965	5/12/2005		
88473-698121 002210US	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	USA	11/128,011	5/11/2005	7,759,079	7/20/2010
[REDACTED]						

KTS REF. NO.	TITLE	COUNTRY	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-737040 002810PC	METHODS FOR PREDICTING METHOTREXATE POLYGLUTAMATE LEVELS USING PHARMACOGENETICS	WIPO	PCT/US2005/020957	6/14/2005		
88473-681910 002900US	CELIAC DISEASE DIAGNOSTIC SYSTEM	USA	60/598,624	8/3/2004		
88473-701031 002910US	METHODS OF DIAGNOSING CELIAC DISEASE	USA	11/195,085	8/1/2005		
88473-685466 004100US	ATHEROSCLEROTIC DISEASE DIAGNOSTIC SYSTEM	USA	60/625,754	11/4/2004		
88473-703937 004110US	ATHEROSCLEROTIC DISEASE DIAGNOSTIC SYSTEM	USA	60/734,667	11/7/2005		
88473-686042 004400PC	INFLAMMATORY BOWEL DISEASE FIRST STEP ASSAY SYSTEM	WIPO	PCT/US99/10371	5/11/1999		
88473-686043 004400US	INFLAMMATORY BOWEL DISEASE FIRST STEP ASSAY SYSTEM	USA	09/079,435	5/15/1998	6,218,129	4/17/2001
88473-686048 004600US	METHOD OF DETERMINING THIOPURINE METHYLTRANSFERASE ACTIVITY	USA	60/205,695	5/19/2000		
88473-686051 004610PC	METHOD OF DETERMINING THIOPURINE METHYLTRANSFERASE ACTIVITY	WIPO	PCT/US01/40759	5/16/2001		
88473-686052 004610US	METHOD OF DETERMINING THIOPURINE METHYLTRANSFERASE ACTIVITY	USA	09/859,819	5/16/2001	6,576,438	6/10/2003
88473-686053 004620US	METHOD OF DETERMINING THIOPURINE METHYLTRANSFERASE ACTIVITY	USA	10/428,272	5/2/2003	7,138,250	11/21/2006
88473-686061 004800US	METHODS OF DIAGNOSING LIVER FIBROSIS	USA	10/087,188	2/28/2002	6,986,995	1/17/2006
88473-686068 004810PC	METHODS OF DIAGNOSING LIVER FIBROSIS	WIPO	PCT/US2003/06038	2/28/2003		
88473-686069 004810US	METHODS OF DIAGNOSING LIVER FIBROSIS	USA	10/504,544	11/30/2005		
88473-737045 004900PC	METHODS OF QUANTIFYING METHOTREXATE METABOLITES	WIPO	PCT/US2003/027313	8/28/2003		
88473-842574 004910US	METHODS OF QUANTIFYING METHOTREXATE METABOLITES	USA	12/484,148	6/12/2009		
88473-842855 004920US	METHODS FOR QUANTIFYING METHOTREXATE METABOLITES	USA	13/158,082	6/10/2011		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-737054 005100PC	METHODS FOR DIRECT DETECTION OF INDIVIDUAL METHOTREXATE METABOLITES	WIPO	PCT/US2004/006312	3/2/2004		
88473-688518 005400US	DIAGNOSTICS RELATED TO ADMINISTRATION OF SELECTIVE CYCLOOXYGENASE-2 INHIBITORS	USA	60/625,527	11/4/2004		
88473-698828 005410US	DIAGNOSTICS RELATED TO ADMINISTRATION OF SELECTIVE CYCLOOXYGENASE-2 INHIBITORS	USA	60/685,290	5/26/2005		
88473-703996 005420US	DIAGNOSTICS RELATED TO ADMINISTRATION OF SELECTIVE CYCLOOXYGENASE-2 INHIBITORS	USA	60/803,428	5/30/2006		
88473-688702 005500US	METHODS TO OPTIMIZE THIOPURINE THERAPY AND REDUCE TOXICITY USING METABOLITE PROFILING AND MASS SPECTROMETRY	USA	60/628,728	11/16/2004		
88473-705105 005510PC	METHOD FOR OPTIMIZING THIOPURINE EFFICACY AND TOXICITY USING MASS SPECTROMETRY	WIPO	PCT/US2005/041272	11/15/2005		
88473-705179 005510US	METHODS TO OPTIMIZE THIOPURINE EFFICACY AND TOXICITY USING MASS SPECTROMETRY	USA	11/274,104	11/14/2005		
88473-694920 005900US	SERIAL LEVELS OF BIOMARKERS FOR DIAGNOSING OR MONITORING A DISEASE STATE	USA	60/696,362	7/1/2005		
88473-713143 005910US	SERIAL LEVELS OF BIOMARKERS FOR DIAGNOSING OR MONITORING A DISEASE STATE	USA	60/806,721	7/6/2006		
88473-737059 006020PC	METHODS OF PREDICTING METHOTREXATE EFFICACY AND TOXICITY	WIPO	PCT/US2006/016246	4/26/2006		
88473-698483 006400US	METHODS OF OPTIMIZING TOPOISOMERASE I INHIBITOR DOSAGE	USA	60/682,212	5/17/2005		
88473-703842 006410US	METHOD OF OPTIMIZING TOPOISOMERASE I INHIBITOR DOSAGE	USA	11/381,700	5/4/2006		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-700663 006600US	METHODS OF OPTIMIZING IMMUNOSUPPRESSIVE THERAPY	USA	60/700,478	7/18/2005		
88473-706240 007100US	METHODS OF OPTIMIZING IRINOTECAN THERAPY FOR THE TREATMENT OF CANCER	USA	60/756,636	1/5/2006		
88473-721613 007110US	METHODS OF OPTIMIZING IRINOTECAN THERAPY FOR THE TREATMENT OF CANCER	USA	60/869,718	12/12/2006		
88473-707804 007300US	METHOD AND SYSTEM FOR ASSISTING IN DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	60/921,486	3/3/2006		
88473-724987 007310US	METHOD AND SYSTEM FOR ASSISTING IN DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	11/679,149	2/26/2007	7,943,328	5/17/2011
88473-709614 007600US	METHODS OF PREDICTING AND MONITORING TYROSINE KINASE INHIBITOR THERAPY	USA	60/783,743	3/17/2006		
88473-716471 007610US	METHODS OF PREDICTING AND MONITORING TYROSINE KINASE INHIBITOR THERAPY	USA	60/829,812	10/17/2006		
88473-724815 007620PC	METHODS OF PREDICTING AND MONITORING TYROSINE KINASE INHIBITOR THERAPY	WIPO	PCT/US07/64217	3/16/2007		
88473-724816 007620US	METHODS OF PREDICTING AND MONITORING TYROSINE KINASE INHIBITOR THERAPY	USA	11/687,254	3/16/2007	7,908,091	3/15/2011
88473-798659 007630US	METHODS OF PREDICTING AND MONITORING TYROSINE KINASE INHIBITOR THERAPY	USA	13/024,139	2/9/2011		
88473-711319 008000US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	60/822,488	8/15/2006		
88473-716674 008010US	METHODS OF DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	60/884,397	1/10/2007		
88473-725230 008020US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	60/895,962	3/20/2007		
88473-733862 008030PC	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	WIPO	PCT/US2007/075976	8/15/2007		

KTS REF. NO.	TITLE	COUNTRY	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-732832 008030US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	11/838,810	8/14/2007		
88473-734214 008040US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	11/841,660	8/20/2007		
88473-750723 008050US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	12/253,177	10/16/2008		
88473-717588 009100US	HIGH SENSITIVITY PROTEIN-NUCLEIC ACID PROXIMITY ASSAY	USA	60/871,107	12/20/2006		
88473-740313 009110US	HIGH SENSITIVITY PROTEIN-NUCLEIC ACID PROXIMITY ASSAY	USA	11/961,147	12/20/2007		
88473-705574 009300US	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	USA	60/934,919	12/1/2005		
88473-720102 009310PC	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	WIPO	PCT/US06/46136	11/30/2006		
88473-720897 009310US	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	USA	11/565,544	11/30/2006	7,873,479	1/18/2011
88473-734215 009320US	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	USA	11/841,699	8/20/2007		
88473-796454 009330US	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	USA	12/965,512	12/10/2010	8,315,818	11/20/2012
88473-855394 009340US	METHODS OF DIAGNOSING INFLAMMATORY BOWEL DISEASE	USA	13/673,958	11/9/2012		
88473-721546 009400US	METHODS OF PREDICTING GLUTEN SENSITIVITY	USA	60/894,155	3/9/2007		
88473-726800 009410US	METHODS OF PREDICTING GLUTEN SENSITIVITY	USA	12/043,917	3/6/2008		
88473-724988 009800US	METHODS OF DIAGNOSING INTESTINAL DISORDERS	USA	60/893,594	3/7/2007		
88473-745392 009810US	METHODS FOR DIAGNOSING INTESTINAL DISORDERS	USA	12/043,082	3/5/2008		
88473-735547 010000US	METHODS AND COMPOSITIONS FOR DETECTING THE ACTIVATION STATES OF MULTIPLE SIGNAL TRANSDUCERS IN RARE CIRCULATING CELLS	USA	61/007,527	9/21/2006		



KTS REF. NO.	TITLE	COUNTRY	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-725588 010010US	ANTIBODY-BASED ARRAYS FOR DETECTING MULTIPLE SIGNAL TRANSDUCERS IN RARE CIRCULATING CELLS	USA	60/913,087	4/20/2007		
88473-736139 010020PC	ANTIBODY-BASED ARRAYS FOR DETECTING MULTIPLE SIGNAL TRANSDUCERS IN RARE CIRCULATING CELLS	WIPO	PCT/US2007/079002	9/20/2007		
88473-746745 010020US	ANTIBODY-BASED ARRAYS FOR DETECTING MULTIPLE SIGNAL TRANSDUCERS IN RARE CIRCULATING CELLS	USA	12/046,381	3/11/2008		
88473-726801 010200US	ADDRESSABLE ANTIBODY ARRAYS AND METHODS OF USE	USA	60/972,724	9/14/2007		
88473-758143 010210US	ADDRESSABLE ANTIBODY ARRAYS AND METHODS OF USE	USA	12/209,863	9/12/2008		
88473-767157 010211PC	ADDRESSABLE ANTIBODY ARRAYS AND METHODS OF USE	WIPO	PCT/US2009/037566	3/18/2009		
88473-853178 010212US	ADDRESSABLE ANTIBODY ARRAYS AND METHODS OF USE	USA	13/633,075	10/1/2012		
88473-727049 010300US	DRUG SELECTION FOR LUNG CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	60/949,820	7/13/2007		
88473-752852 010310PC	DRUG SELECTION FOR LUNG CANCER THERAPY USING ANTIBODY-BASED ARRAYS	WIPO	PCT/US2008/069764	7/11/2008		
88473-750974 010310US	DRUG SELECTION FOR LUNG CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	12/172,100	7/11/2008		
88473-740768 011700US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/031,319	2/25/2008		
88473-760027 011710US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/106,404	10/17/2008		
88473-760527 011720US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/108,384	10/24/2008		
88473-761958 011730US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/117,908	11/25/2008		
88473-763072 011740US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/140,558	12/23/2008		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-766017 011750PC	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	WIPO	PCT/US2009/035013	2/24/2009		
88473-765435 011750US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	12/511,017	7/28/2009	8,163,499	4/24/2012
88473-837119 011760US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	13/439,737	4/4/2012		
88473-744192 012300US	METHODS TO PREDICT RISK AND SEVERITY FOR CELIAC DISEASE	USA	61/031,636	2/26/2008		
88473-762069 012310US	METHODS TO PREDICT RISK AND SEVERITY FOR CELIAC DISEASE	USA	61/118,988	12/1/2008		
88473-764295 012320US	METHODS TO PREDICT RISK AND SEVERITY FOR CELIAC DISEASE	USA	12/392,997	2/25/2009		
88473-777911 012330US	METHODS TO PREDICT RISK AND SEVERITY FOR CELIAC DISEASE	USA	12/612,626	11/4/2009		
88473-746267 013100US	METHODS FOR TREATING IRRITABLE BOWEL SYNDROME	USA	09/834,717	4/13/2001	6,429,209	8/6/2002
88473-761268 014700US	METHODS OF PREDICTION OF INFLAMMATORY BOWEL DISEASE (IBD) USING SEROLOGIC MARKERS	USA	61/113,537	11/11/2008		
88473-762025 014710US	METHODS OF PREDICTION OF INFLAMMATORY BOWEL DISEASE (IBD) USING SEROLOGIC MARKERS	USA	61/118,346	11/26/2008		
88473-778659 014720PC	METHODS FOR PREDICTION OF INFLAMMATORY BOWEL DISEASE (IBD) USING SEROLOGIC MARKERS	WIPO	PCT/US2009/063924	11/10/2009		
88473-778228 014720US	METHODS FOR PREDICTION OF INFLAMMATORY BOWEL DISEASE (IBD) USING SEROLOGIC MARKERS	USA	12/615,983	11/10/2009		
88473-763895 015200US	CINTRULLINATED PEPTIDES FOR DIAGNOSING AND PROGNOSED RHEUMATOID ARTHRITIS	USA	61/164,840	3/30/2009		
88473-772802 015210US	DIAGNOSIS AND TREATMENT OF EARLY ONSET RHEUMATOID ARTHRITIS	USA	61/243,496	9/17/2009		

KTS REF. NO.	TITLE	COUNTRY	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-777728 015220US	DIAGNOSIS AND TREATMENT OF EARLY ONSET RHEUMATOID ARTHRITIS	USA	61/255,058	10/26/2009		
88473-784627 015230PC	CITRULLINATED PEPTIDES FOR DIAGNOSING AND PROGNOSING RHEUMATOID ARTHRITIS	WIPO	PCT/US2010/028946	3/26/2010		
88473-782713 015230US	CITRULLINATED PEPTIDES FOR DIAGNOSING AND PROGNOSING RHEUMATOID ARTHRITIS	USA	13/239,329	3/26/2010		
88473-767861 016200US	CANCER ORIGIN DETECTION IN RARE CIRCULATING TUMOR CELLS	USA	61/167,095	4/6/2009		
88473-784768 016210US	CANCER ORIGIN DETECTION IN RARE CIRCULATING TUMOR CELLS	USA	12/754,512	4/5/2010		
88473-768068 016300US	METHODS OF INFLAMMATORY BOWEL DISEASE PROGNOSIS AND BIOLOGICAL RESPONSE PREDICTION	USA	61/169,230	4/14/2009		
88473-769595 016310US	METHODS OF INFLAMMATORY BOWEL DISEASE PROGNOSIS AND BIOLOGICAL RESPONSE PREDICTION	USA	61/178,454	5/14/2009		
88473-771783 016320US	METHODS TO PREDICT PROBABILITY FOR SURGERY IN CROHN'S DISEASE PATIENTS	USA	61/220,453	6/25/2009		
88473-802153 016330US	METHODS TO PREDICT PROBABILITY FOR SURGERY IN CROHN'S DISEASE PATIENTS	USA	61/255,066	10/26/2009		
88473-802578 016350US	INFLAMMATORY BOWEL DISEASE PROGNOSTICS	USA	61/262,903	11/19/2009		
88473-779709 016360US	INFLAMMATORY BOWEL DISEASE PROGNOSTICS	USA	61/265,324	11/30/2009		
88473-785849 016370PC	INFLAMMATORY BOWEL DISEASE PROGNOSTICS	WIPO	PCT/US2010/030934	4/13/2010		
88473-784769 016370US	INFLAMMATORY BOWEL DISEASE PROGNOSTICS	USA	12/851,517	8/5/2010		
88473-811501 016380US	INFLAMMATORY BOWEL DISEASE PROGNOSTICS	USA	13/283,511	10/27/2011		
88473-769596 016500US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/178,458	5/14/2009		

KTS REF. NO.	TITLE	COUNTRY	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-769942 016510US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/180,787	5/22/2009		
88473-800567 016520US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/187,246	6/15/2009		
88473-773198 016530US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/228,522	7/24/2009		
88473-774500 016540US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/235,646	8/20/2009		
88473-775587 016550US	PATHWAY ANALYSIS FOR HERCEPTIN RESISTANCE	USA	61/241,804	9/11/2009		
88473-802579 016560US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/262,856	11/19/2009		
88473-779596 016570US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/265,227	11/30/2009		
88473-786605 016592PC	BIOMARKERS FOR DETERMINING SENSITIVITY OF BREAST CANCER CELLS TO HER2-TARGETED THERAPY	WIPO	PCT/US2010/034814	5/13/2010		
88473-790899 016592US	BIOMARKERS FOR DETERMINING SENSITIVITY OF BREAST CANCER CELLS TO HER2-TARGETED THERAPY	USA	12/854,144	8/10/2010		
88473-771784 016800US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	61/220,525	6/25/2009		
88473-777204 016810US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	61/252,094	10/15/2009		
88473-788754 016820PC	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	WIPO	PCT/US2010/039866	6/24/2010		
88473-788408 016820US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	12/862,707	8/24/2010	8,114,616	2/14/2012
88473-829969 016830US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	13/352,225	1/17/2012		
88473-772608 017200US	DRUG SELECTION FOR GASTRIC CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/225,866	7/15/2009		
88473-779597 017210US	DRUG SELECTION FOR GASTRIC CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/265,218	11/30/2009		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-786022 017220US	DRUG SELECTION FOR GASTRIC CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/325,000	4/16/2010		
88473-789585 017230PC	DRUG SELECTION FOR GASTRIC CANCER THERAPY USING ANTIBODY-BASED ARRAYS	WIPO	PCT/US2010/042182	7/15/2010		
88473-794325 017230US	DRUG SELECTION FOR GASTRIC CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	13/014,674	7/15/2010		
88473-829320 017240US	DRUG SELECTION FOR CANCER THERAPY BY PROFILING SIGNAL TRANSDUCTION PROTEINS IN ASCITES OR PLEURAL EFFLUX SAMPLES	USA	13/354,257	1/19/2012		
88473-774363 017500US	DEPLETION AND REMOVAL OF CIRCULATING TUMOR CELLS FROM BLOOD	USA	61/249,580	10/7/2009		
88473-776445 017700US	PROXIMITY-MEDIATED ASSAYS FOR DETECTING ONCOGENIC FUSION PROTEINS	USA	61/253,393	10/20/2009		
88473-783057 017710US	PROXIMITY-MEDIATED ASSAYS FOR DETECTING ONCOGENIC FUSION PROTEINS	USA	61/305,084	2/16/2010		
88473-786233 017720US	PROXIMITY-MEDIATED ASSAYS FOR DETECTING ONCOGENIC FUSION PROTEINS	USA	61/327,487	4/23/2010		
88473-789930 017730US	PROXIMITY-MEDIATED ASSAYS FOR DETECTING ONCOGENIC FUSION PROTEINS	USA	61/383,037	9/15/2010		
88473-794044 017740PC	PROXIMITY-MEDIATED ASSAYS FOR DETECTING ONCOGENIC FUSION PROTEINS	WIPO	PCT/US2010/053386	10/20/2010		
88473-793420 017740US	PROXIMITY-MEDIATED ASSAYS FOR DETECTING ONCOGENIC FUSION PROTEINS	USA	13/361,881	1/30/2012		
88473-776465 017800US	METHODS FOR PREDICTING THE RESPONSE TO PROLEUKIN THERAPY	USA	61/314,008	3/15/2010		
88473-799952 017810US	METHODS FOR PREDICTING THE RESPONSE TO PROLEUKIN THERAPY	USA	13/048,840	3/15/2011		
88473-801943 017900US	NOVEL GENOMIC BIOMARKERS FOR IRRITABLE BOWEL SYNDROME DIAGNOSIS	USA	61/264,634	11/25/2009		
88473-795809 017910PC	NOVEL GENOMIC BIOMARKERS FOR IRRITABLE BOWEL SYNDROME DIAGNOSIS	WIPO	PCT/US2010/058099	11/24/2010		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-777538 018200US	DEVELOPMENT OF ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	61/255,048	10/26/2009		
88473-802580 018210US	DEVELOPMENT OF ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	61/262,877	11/19/2009		
88473-785972 018220US	DEVELOPMENT OF ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	61/324,635	4/15/2010		
88473-787220 018230US	DEVELOPMENT OF ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	61/345,567	5/17/2010		
88473-787911 018240US	DEVELOPMENT OF ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	61/351,269	6/3/2010		
88473-792993 018250US	DEVELOPMENT OF ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	61/389,672	10/4/2010		
88473-793283 018260US	DEVELOPMENT OF ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	61/393,581	10/15/2010		
88473-794045 018270PC	ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	WIPO	PCT/US2010/054125	10/26/2010		
88473-837393 018270US	ASSAYS FOR THE DETECTION OF ANTI-TNF DRUGS AND AUTOANTIBODIES	USA	13/441,727	4/6/2012		
88473-779598 018400US	METHODS FOR IMPROVING TREATMENT SATISFACTION AND QUALITY OF LIFE IN PATIENTS WITH IBS	USA	61/265,242	11/30/2009		
88473-779710 018500US	METHODS FOR PREDICTION OF INFLAMMATORY BOWEL DISEASE (IBD) USING SEROLOGIC MARKERS	USA	61/265,723	12/1/2009		
88473-780079 018700US	INFLAMMATORY BOWEL DISEASE	USA	61/286,356	12/14/2009		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-782263 018710US	INFLAMMATORY BOWEL DISEASE PROGNOSTICS	USA	61/300,787	2/2/2010		
88473-782436 018720US	INFLAMMATORY BOWEL DISEASE PROGNOSTICS	USA	61/302,066	2/5/2010		
88473-778661 019400US	METHODS FOR PREDICTING POST-SURGERY RISK ASSOCIATED WITH ILEAL POUCH-ANAL ANASTOMOSIS	USA	61/259,978	11/10/2009		
88473-787098 019410US	METHODS FOR PREDICTING POST-SURGERY RISK ASSOCIATED WITH ILEAL POUCH-ANAL ANASTOMOSIS	USA	61/334,348	5/13/2010		
88473-794958 019420PC	METHODS FOR PREDICTING POST-SURGERY RISK ASSOCIATED WITH ILEAL POUCH-ANAL ANASTOMOSIS	WIPO	PCT/US2010/056271	11/10/2010		
88473-787156 019500US	ASSESSING HER2 ACTIVATION AND EXPRESSION IN METASTATIC BREAST CANCER	USA	61/346,406	5/19/2010		
88473-787685 019700US	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	USA	61/351,837	6/4/2010		
88473-788245 019710US	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	USA	61/354,141	6/11/2010		
88473-793851 019720US	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	USA	61/393,588	10/15/2010		
88473-807940 019730PC	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	WIPO	PCT/US2011/039174	6/3/2011		
88473-781168 019800US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/294,433	1/12/2010		
88473-786023 019810US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/325,624	4/19/2010		
88473-786234 019820US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/328,602	4/27/2010		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-787855 019830US	DRUG SELECTION FOR BREAST CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/351,838	6/4/2010		
88473-797352 019840PC	METHODS FOR PREDICTING RESPONSE OF TRIPLE-NEGATIVE BREAST CANCER TO THERAPY	WIPO	PCT/US2011/021026	1/12/2011		
88473-802201 019900US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	61/256,717	10/30/2009		
88473-779599 019910US	METHODS OF DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	61/264,588	11/25/2009		
88473-785973 019920US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	61/326,176	4/20/2010		
88473-794533 019930PC	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	WIPO	PCT/US2010/054810	10/29/2010		
88473-794253 019930US	METHODS FOR DIAGNOSING IRRITABLE BOWEL SYNDROME	USA	13/441,658	4/6/2012		
88473-789861 020100US	ASSAYS AND METHODS FOR THE DETECTION OF CROHN'S DISEASE	USA	61/367,328	7/23/2010		
88473-816126 020110US	ASSAYS AND METHODS FOR THE DETECTION OF CROHN'S DISEASE	USA	13/190,369	7/25/2011		
88473-790721 020300US	PATHWAY PROFILING OF SIGNAL TRANSDUCTION PROTEINS IN PAIRED TUMOR AND ADJACENT NORMAL TISSUES OBTAINED FROM BREAST CANCER PATIENTS	USA	61/371,578	8/6/2010		
88473-796114 020310US	PATHWAY PROFILING OF SIGNAL TRANSDUCTION PROTEINS IN PAIRED TUMOR AND ADJACENT NORMAL TISSUES OBTAINED FROM BREAST CANCER PATIENTS	USA	61/418,766	12/1/2010		
88473-817913 020320US	PATHWAY PROFILING OF SIGNAL TRANSDUCTION PROTEINS IN PAIRED TUMOR AND ADJACENT NORMAL TISSUES OBTAINED FROM BREAST CANCER PATIENTS	USA	61/521,721	8/9/2011		
88473-793793 020500US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/394,269	10/18/2010		



KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-798660 020510US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/444,097	2/17/2011		
88473-805956 020520US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/484,594	5/10/2011		
88473-808534 020530US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/496,501	6/13/2011		
88473-813986 020540US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/505,031	7/6/2011		
88473-819324 020550US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/528,072	8/26/2011		
88473-820870 020560US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/535,884	9/16/2011		
88473-823924 020561US	METHODS OF OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/550,818	10/24/2011		
88473-824769 020562US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/553,824	10/31/2011		
88473-826766 020563US	METHODS FOR OPTIMIZING THERAPY WITH ANTI-TNF DRUGS	USA	61/565,949	12/1/2011		
88473-837484 020564US	ASSAYS FOR MEASURING ANTI-TNF DRUG AND ANTI-DRUG ANTIBODY LEVELS	USA	61/622,484	4/10/2012		
88473-840218 020565US	ASSAYS FOR MEASURING ANTI-TNF DRUG AND ANTI-DRUG ANTIBODY LEVELS	USA	61/646,115	5/11/2012		
88473-821680 020570PC	METHODS FOR DETERMINING ANTI-DRUG ANTIBODY ISOTYPES	WIPO	PCT/US2011/056777	10/18/2011		
88473-830808 020580PC	ASSAYS FOR DETECTING AUTOANTIBODIES TO ANTI-TNFA DRUGS	WIPO	PCT/US2012/025437	2/16/2012		
88473-794046 020700US	HER2DELTA16 PEPTIDES	USA	61/419,210	12/2/2010		
88473-826216 020710PC	HER2DELTA16 PEPTIDES	WIPO	PCT/US2011/062954	12/1/2011		
88473-795263 020800US	PREDICTION OF DRUG SENSITIVITY OF LUNG TUMORS BASED ON MOLECULAR AND GENETIC SIGNATURES	USA	61/413,326	11/12/2010		

KTS REF. NO.	TITLE	COUNTRY	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-797477 020810US	PREDICTION OF DRUG SENSITIVITY OF LUNG TUMORS BASED ON MOLECULAR AND GENETIC SIGNATURES	USA	61/432,184	1/12/2011		
88473-798661 020820US	PREDICTION OF DRUG SENSITIVITY OF LUNG TUMORS BASED ON MOLECULAR AND GENETIC SIGNATURES	USA	61/448,479	3/2/2011		
88473-795944 021000US	DRUG SELECTION FOR MALIGNANT CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/426,948	12/23/2010		
88473-798437 021010US	DRUG SELECTION FOR MALIGNANT CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/438,904	2/2/2011		
88473-827573 021020PC	DRUG SELECTION FOR MALIGNANT CANCER THERAPY USING ANTIBODY-BASED ARRAYS	WIPO	PCT/US2011/066624	12/21/2011		
88473-798227 021100US	DRUG SELECTION FOR GASTRIC CANCER THERAPY	USA	61/436,945	1/27/2011		
88473-798863 021110US	DRUG SELECTION FOR GASTRIC CANCER THERAPY	USA	61/467,950	3/25/2011		
88473-798439 021400US	DRUG SELECTION FOR COLORECTAL CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/439,282	2/3/2011		
88473-826147 021410US	DRUG SELECTION FOR COLORECTAL CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	61/562,349	11/21/2011		
88473-830505 021420US	DRUG SELECTION FOR COLORECTAL CANCER THERAPY USING ANTIBODY-BASED ARRAYS	USA	13/365,638	2/3/2012		
88473-798994 021700US	THERAPY SELECTION FOR BCR-ABL MEDIATED DISEASES	USA	61/444,044	2/17/2011		
88473-807101 021710US	APPARATUS AND METHOD FOR ISOLATING LEUKOCYTES AND TUMOR CELLS BY FILTRATION	USA	61/489,998	5/25/2011		
88473-830777 021720PC	APPARATUS AND METHOD FOR ISOLATING LEUKOCYTES AND TUMOR CELLS BY FILTRATION	WIPO	PCT/US2012/025491	2/16/2012		
88473-799953 022000US	PROFILING OF SIGNAL PATHWAY PROTEINS TO DETERMINE THERAPEUTIC EFFICACY	USA	61/530,621	9/2/2011		
88473-824661 022010US	PROFILING OF SIGNAL PATHWAY PROTEINS TO DETERMINE THERAPEUTIC EFFICACY	USA	61/553,124	10/28/2011		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-826145 022020US	PROFILING OF SIGNAL PATHWAY PROTEINS TO DETERMINE THERAPEUTIC EFFICACY	USA	61/562,338	11/21/2011		
88473-802922 022100US	METHODS OF DISEASE ACTIVITY PROFILING FOR PERSONALIZED THERAPY MANAGEMENT	USA	61/484,607	5/10/2011		
88473-813985 022110US	METHODS OF DISEASE ACTIVITY PROFILING FOR PERSONALIZED THERAPY MANAGEMENT	USA	61/505,026	7/6/2011		
88473-824770 022120US	METHODS OF DISEASE ACTIVITY PROFILING FOR PERSONALIZED THERAPY MANAGEMENT	USA	61/553,909	10/31/2011		
88473-826768 022130US	METHODS OF DISEASE ACTIVITY PROFILING FOR PERSONALIZED THERAPY MANAGEMENT	USA	61/566,509	12/2/2011		
88473-838353 022140US	METHODS OF DISEASE ACTIVITY PROFILING FOR PERSONALIZED THERAPY MANAGEMENT	USA	61/636,575	4/20/2012		
88473-839538 022150PC	METHODS OF DISEASE ACTIVITY PROFILING FOR PERSONALIZED THERAPY MANAGEMENT	WIPO	PCT/US2012/037375	5/10/2012		
88473-803231 022200US	PROFILING OF SIGNAL PATHWAY PROTEINS IN GASTRIC CANCER	USA	61/471,678	4/4/2011		
88473-830552 022210US	PROFILING OF SIGNAL PATHWAY PROTEINS IN GASTRIC CANCER	USA	61/590,787	1/25/2012		
88473-805960 022300US	LONG TERM STABILITY OF SEROLOGY MARKERS IN CROHN'S DISEASE: LONGITUDINAL ANALYSIS OF REPEATED MEASURES	USA	61/482,789	5/5/2011		
88473-806750 022500US	PERFORMANCE OF A BIOMARKER PANEL FOR IRRITABLE BOWEL SYNDROME	USA	61/486,734	5/16/2011		
88473-826666 022510US	PERFORMANCE OF A BIOMARKER FOR IRRITABLE BOWEL SYNDROME	USA	61/566,521	12/2/2011		
88473-839537 022520PC	PERFORMANCE OF A BIOMARKER PANEL FOR IRRITABLE BOWEL SYNDROME	WIPO	PCT/US2012/038197	5/16/2012		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-807598 022600US	COMPOSITIONS AND METHODS FOR DETECTING ALLELIC VARIANTS	USA	61/525,137	8/18/2011		
88473-825196 022610US	COMPOSITIONS AND METHODS FOR DETECTING ALLELIC VARIANTS	USA	61/588,151	1/18/2012		
88473-808756 022700US	METHODS FOR IDENTIFYING INFLAMMATORY BOWEL DISEASE PATIENTS WITH DYSPLASIA AND CANCER	USA	61/497,016	6/14/2011		
88473-824055 022710US	METHODS FOR IDENTIFYING INFLAMMATORY BOWEL DISEASE PATIENTS WITH DYSPLASIA AND CANCER	USA	61/551,330	10/25/2011		
88473-826742 022720US	METHODS FOR IDENTIFYING INFLAMMATORY BOWEL DISEASE PATIENTS WITH DYSPLASIA AND CANCER	USA	61/565,445	11/30/2011		
88473-840948 022730US	METHODS FOR IDENTIFYING INFLAMMATORY BOWEL DISEASE PATIENTS WITH DYSPLASIA AND CANCER	USA	61/648,529	5/17/2012		
88473-810661 022800US	PATHWAY GUIDED SELECTION OF TARGETED INHIBITORS FOR BREAST CANCER TREATMENT	USA	61/499,658	6/21/2011		
88473-820384 023000US	PROXIMITY-BASED ASSAYS FOR THE DETECTION OF SIGNALING PROTEIN EXPRESSION AND ACTIVATION	USA	61/546,026	10/11/2011		
88473-822863 023400US	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	USA	61/550,293	10/21/2011		
88473-824766 023410US	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	USA	61/553,853	10/31/2011		
88473-827126 023420US	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	USA	61/567,096	12/5/2011		
88473-827916 023430US	METHODS FOR IMPROVING INFLAMMATORY BOWEL DISEASE DIAGNOSIS	USA	61/570,271	12/13/2011		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-823559 023500US	CROHN DISEASE SUSCEPTIBILITY GENE	USA	60/833,261	7/26/2006		
88473-823599 023500US	CROHN DISEASE SUSCEPTIBILITY GENE	USA	60/833,261	7/26/2006		
88473-823608 023510US	CROHN DISEASE SUSCEPTIBILITY GENE	USA	60/834,151	7/31/2006		
88473-823602 023520US	CROHN DISEASE SUSCEPTIBILITY GENE	USA	12/309,635	7/26/2007		
[REDACTED]						
88473-826304 024100US	DISEASE PROFILING USING IMMUNO-BASED ARRAYS FOR ANALYSIS OF CLINICAL SAMPLES WITH LIMITED AVAILABILITY	USA	61/562,333	11/21/2011		

KTS REF. NO.	TITLE	COUNTRY	APPL. NO.	FILING DATE	PATENT NO.	ISSUE DATE
88473-827128 024300US	PROFILING OF SIGNAL PATHWAY PROTEINS TO DETERMINE AND MONITOR THERAPEUTIC EFFICACY TO P13K INHIBITORS	USA	61/567,085	12/5/2011		
88473-831078 024400US	METHODS FOR IMPROVING IRRITABLE BOWEL SYNDROME DIAGNOSIS	USA	61/674,061	7/20/2012		
88473-840338 024900US	MONITORING CORRELATION BETWEEN DISEASE BURDEN AND ANTIBODY PK IN IBD PATIENTS	USA	61/649,183	5/18/2012		
88473-842560 025000US	MARKERS ASSOCIATED WITH METHOTREXATE THERAPY	USA	61/074,532	6/20/2008		
88473-842564 025000US	MARKERS ASSOCIATED WITH METHOTREXATE THERAPY	USA	61/356,770	6/21/2010		
88473-842571 025010US	MARKERS ASSOCIATED WITH METHOTREXATE THERAPY	USA	61/218,796	6/19/2009		
88473-843838 025100US	METHODS FOR PROFILING FGFR FAMILY KINASES FOR CANCER THERAPY SELECTION	USA	61/658,877	6/12/2012		
88473-848104 025300US	BACTERIAL ANTIGENS, STRESS FACTORS AND MAST CELL MARKERS AS DIAGNOSTIC MARKERS FOR IBS	USA	61/710,574	10/5/2012		

64702519v1