PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5517680

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JANSSEN DIAGNOSTICS, LLC	10/26/2017

RECEIVING PARTY DATA

Name:	MENARINI SILICON BIOSYSTEMS, INC.
Street Address:	10355 SCIENCE CENTER DR. #210
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14765071
Application Number:	16206932

CORRESPONDENCE DATA

Fax Number: (414)277-0656

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (414)271-6560
Email: dahauser@michaelbest.com
Correspondent Name: MICHAEL BEST & FRIEDRICH LLP
Address Line 1: 100 EAST WISCONSIN AVENUE
Address Line 2: SUITE 3300
Address Line 4: MILWAUKEE, WISCONSIN 53202-4108

ATTORNEY DOCKET NUMBER:	028193-9147-007 AND 009
NAME OF SUBMITTER:	JULIA M. COX
SIGNATURE:	/julia m. cox/
DATE SIGNED:	05/10/2019

Total Attachments: 47
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PATENT ASSIGNMENT

WHEREAS **Janssen Diagnostics, LLC , 700 US Highway 202, Raritan, New Jersey 08869 (hereinafter "Assignor")** is the assignee of the invention rights in the United States of America and its territories and possessions thereof and all foreign countries to the patent applications on the attached Schedule A;

WHEREAS **Menarini Silicon Biosystems, Inc. , 10355 Science Center Dr. #210, San Diego, CA 92121 (hereinafter referred to as "Assignee")** is desirous of acquiring all right, title and interest for the United States of America, its territories and possessions thereof and all foreign countries in and to the invention(s) relating thereto, identified on the attached Schedule A,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, Assignor hereby assigns to Assignee the entire and exclusive right, title and interest in and to said inventions for the United States of America, and in and to said worldwide patent applications listed on the attached Schedule A, including any and all divisional, continuation, continuation-in-part, reissues or extensions thereof, to be held and enjoyed by Assignee for its own use as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made; the Commissioner of Patents and Trademarks of the United States of America is hereby authorized to transfer the portion of the title indicated to said application to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the Assignor, but also that such assigned rights are not encumbered by any grant, license, or other right theretofore given; Assignor hereby undertakes to execute and deliver to Assignee upon request all lawful documents which may be requested by Assignee, and to furnish Assignee with all facts relating to said invention as may be requested.

The undersigned hereby grant the firm of FOLEY & LARDNER LLP, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Janssen Diagnostics, LLC

Date: October 26, 2017

By: _____

Name: Ruby T. Hope

Title: Assistant Secretary

ACKNOWLEDGMENT

STATE OF New Jersey)

) SS.

COUNTY OF Monmouth)

On this October day of 26 2017, before me, a Notary Public, personally appeared Ruby T Hope to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he/she executed said instrument as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

_____

Notary Public

My Commission Expires:

AMANDA LIN HAYNES
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/28/2018

_____ [SEAL]

4826-5696-8273.1

Menarini Silicon Biosystems, Inc.

Date: 12-1-17 By: R.A. Roda

Name: R A Roda

Title: CEO

ACKNOWLEDGMENT

STATE OF PA)

) SS.

COUNTY OF Montgomery)

On this 1st day of December 2017, before me, a Notary Public, personally appeared Bob Roda to me to be the person described, in and who executed, the foregoing assignment and acknowledged that he/she executed said instrument as his/her free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Marquis Jackson

Notary Public

My Commission Expires:

_____ [SEAL]

MARQUIS X. JACKSON
Notary Public of New Jersey
My Commission Expires
December 1, 2021

4826-5696-8273.1

SCHEDULE A

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United States of America	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	60/602504	8/17/2004		
United States of America	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	60/645683	1/21/2005		
United States of America	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	60/648477	1/31/2005		
Canada	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	2577299	8/17/2005	2577299	5/6/2014
Austria	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Belgium	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Switzerland	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Germany	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
European Patent Office	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Spain	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
France	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Ireland	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Iceland	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Italy	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
Netherlands	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	05786494.4	8/17/2005	1781986	1/15/2014
United States of America	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	11/701765	8/17/2005	7777885	8/17/2010
Japan	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	2007-527976	8/17/2005	5537771	5/9/2014
P.C.T.	A DIAGNOSTIC IMAGING DEVICE FOR THE ANALYSIS OF CIRCULATING RARE CELLS	PCT/US2005/029260	8/17/2005		
United States of America	A FILTER METHOD FOR SEPARATING UNBOUND FERROFLUID FROM TARGET-BOUND FERROFLUID IN A BIOLOGICAL SAMPLE	61/150078	2/5/2009		
United States of America	A FILTER METHOD FOR SEPARATING UNBOUND FERROFLUID FROM TARGET-BOUND FERROFLUID IN A	13/147908	2/5/2010		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	BIOLOGICAL SAMPLE				
P.C.T.	A FILTER METHOD FOR SEPARATING UNBOUND FERROFLUID FROM TARGET-BOUND FERROFLUID IN A BIOLOGICAL SAMPLE	PCT/US2010/023388	2/5/2010		
Japan	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	2012-099354	9/20/2006		
Japan	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	2013-228145	9/20/2006		
Canada	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	2674187	7/24/2009		
Canada	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	2975186	7/24/2009		
Brazil	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	PI0902559-6	7/27/2009		
Austria	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Belgium	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Switzerland	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Germany	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Denmark	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
European Patent Office	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Spain	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Finland	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
France	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United Kingdom	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Greece	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Hungary	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Ireland	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Iceland	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Italy	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Luxembourg	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Netherlands	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Norway	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Poland	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Portugal	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Romania	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Sweden	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Turkey	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	09251888.5	7/28/2009	2169387	4/22/2015
Hong Kong	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	10107242.9	7/28/2009	1140820	2/26/2016
Japan	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	2009-175045	7/28/2009	6109464	3/17/2017
China	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR	200910164675.9	7/29/2009	200910164675.9	1/6/2016

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE				
South Korea	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	10-2009-0069697	7/29/2009	10-1764597	7/28/2017
South Korea	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	10-2017-0095373	7/29/2009		
Mexico	A HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	MX/A/2009/008060	7/29/2009	298094	4/12/2012
Canada	A LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	2652027	5/3/2007		
United States of America	A LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	60/800258	5/12/2006		
United States of America	A METHOD FOR ASSESING RESPONSE TO NEOADJUVANT CHEMOTHERAPY IN PATIENTS WITH BREAST CANCER	60/593675	2/4/2005		
United States of America	A METHOD FOR CHARACTERIZING CIRCULATING ENDOTHELIAL CELLS (CEC) ENRICHED FROM PERIPHERAL BLOOD OF CANCER PATIENTS, HEART DISEASE PATIENTS AND NORMAL DONORS USING GENE EXPRESSION	60/594205	3/18/2005		
Canada	A METHOD FOR DETECTING IGF IR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	2717975	3/25/2009		
European Patent Office	A METHOD FOR DETECTING IGF IR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	09725711.7	3/25/2009	2279266	10/11/2017
China	A METHOD FOR DETECTING IGF IR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	200980111141.8	3/25/2009	200980111141.8	6/1/2016
South Korea	A METHOD FOR DETECTING IGF IR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	10-2010-7023513	3/25/2009		
Japan	A METHOD FOR DETECTING IGF IR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	2011-502015	3/25/2009		
Mexico	A METHOD FOR DETECTING IGF IR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	MX/A/2010/010465	3/25/2009		
Brazil	A METHOD FOR DETECTING IGF IR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	PI0910038.5	3/25/2009		
P.C.T.	A METHOD FOR DETECTING IGFIR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	PCT/US2009/038226	3/25/2009		
Canada	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	2600225	3/14/2005	2600225	6/28/2016

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Italy	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2010
Switzerland	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Germany	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Denmark	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
France	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
United Kingdom	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Ireland	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Luxembourg	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Netherlands	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Poland	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Sweden	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Austria	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Belgium	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
Turkey	A METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	05725638.0	3/14/2005	1861509	9/9/2015
United States of America	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	61/352441	6/8/2010		
Taiwan	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	100119740	6/7/2011	I539158	6/21/2016
Israel	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	223179	6/8/2011		
Canada	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS	2800938	6/8/2011		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	IN BLOOD				
European Patent Office	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	11735930.7	6/8/2011		
Hong Kong	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	13111711.0	6/8/2011		
Australia	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	2011264906	6/8/2011	2011264906	3/10/2016
China	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	201180028015.3	6/8/2011	201180028015.3	9/7/2016
South Korea	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	10-2013-7000398	6/8/2011		
Brazil	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	112012031389-4	6/8/2011		
United States of America	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	13/155687	6/8/2011		
Japan	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	2013-514334	6/8/2011	5889883	2/26/2016
P.C.T.	A METHOD OF PREDICTING CLINICAL OUTCOMES FOR MELANOMA PATIENTS USING CIRCULATING MELANOMA CELLS IN BLOOD	PCT/US2011/039596	6/8/2011		
Israel	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	160209	8/23/2002		
Canada	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	2457894	8/23/2002	2457894	7/8/2014
Austria	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Belgium	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Bulgaria	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Switzerland	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Cyprus	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Czech Republic	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Germany	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	60227678.0	7/16/2008
Denmark	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Estonia	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
European Patent Office	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Spain	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Finland	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
France	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
United Kingdom	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Greece	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Ireland	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Italy	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Luxembourg	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Monaco	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Netherlands	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Portugal	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Sweden	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Slovakia	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
Turkey	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02761478.3	8/23/2002	1425294	7/16/2008
China	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	02821200.2	8/23/2002		
Australia	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	2002326741	8/23/2002		

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Australia	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	2009200013	8/23/2002	2009200013	6/21/2012
United States of America	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	10/780399	8/23/2002	7863012	1/4/2011
South Korea	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	10-2004-7002572	8/23/2002		
Japan	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	2003-523961	8/23/2002		
Japan	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	2009-011194	8/23/2002		
P.C.T.	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	PCT/US2002/026861	8/23/2002		
Brazil	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	PI0212125-5	8/23/2002		
United States of America	ANALYSIS OF CIRCULATING TUMOR CELLS, FRAGMENTS, AND DEBRIS	12/917630	11/2/2010	8329422	12/11/2012
United States of America	ANALYSIS OF CIRCULATING TUMOR-RELATED MICROPARTICLES	61/221579	6/30/2009		
P.C.T.	ANALYSIS OF CIRCULATING TUMOR-RELATED MICROPARTICLES	PCT/US2010/039628	6/23/2010		
United States of America	ANALYTICAL INSTRUMENT	29/156693	3/6/2002	D471642	3/11/2003
Canada	ANALYTICAL INSTRUMENT	99915	6/27/2002	99915	3/26/2003
France	ANALYTICAL INSTRUMENT	023992	7/1/2002	023992	11/22/2002
United Kingdom	ANALYTICAL INSTRUMENT	3005864	8/1/2002	3005864	10/23/2002
Japan	ANALYTICAL INSTRUMENT	2002-020933	8/6/2002	1180110	5/30/2003
Germany	ANALYTICAL INSTRUMENT	40206735.5	8/9/2002	40206735	11/19/2002
Italy	ANALYTICAL INSTRUMENT	RM200020000225	8/19/2002	85317	9/15/2004
United States of America	ANALYTICAL METHODS AND COMPOSITIONS	60/253985	11/30/2000		
United States of America	ANALYTICAL METHODS AND COMPOSITIONS	10/017437	12/18/2001		
United States of America	APPARATUS AND METHOD FOR CELL ANALYSIS	08/867008	6/2/1997	5993665	11/30/1999
United States of America	APPARATUS AND METHOD FOR CELL ANALYSIS	08/867009	6/2/1997	5985153	11/16/1999
United States of America	APPARATUS AND METHOD FOR CELL ANALYSIS	08/867233	6/2/1997	6013188	1/11/2000
United States of America	APPARATUS AND METHOD FOR CELL ANALYSIS	09/201603	11/30/1998	6136182	10/24/2000
United States of America	APPARATUS AND METHODS FOR MAGNETIC SEPARATION	08/878617	6/19/1997	6013532	1/11/2000
United States of America	APPARATUS AND METHODS FOR MAGNETIC SEPARATION	08/931067	9/15/1997	5876593	3/2/1999
United States of America	APPARATUS AND METHODS FOR MAGNETIC SEPARATION	60/098021	8/18/1998		

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United States of America	APPARATUS AND METHODS FOR MAGNETIC SEPARATION	09/376686	8/18/1999	6361749	3/26/2002
United States of America	APPARATUS AND METHODS FOR MAGNETIC SEPARATION	10/068712	2/6/2002	7056657	6/6/2006
United States of America	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	61/510170	7/21/2011		
Canada	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	2842679	7/20/2012		
European Patent Office	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	12740854.0	7/20/2012		
Hong Kong	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	14111525.5	7/20/2012		
China	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	201280046226.4	7/20/2012		
Brazil	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	112014001423-0	7/20/2012		
United States of America	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	13/554623	7/20/2012	9618515	4/11/2017
Japan	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	2014-521855	7/20/2012		
Mexico	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	MX/A/2014/000804	7/20/2012		
P.C.T.	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	PCT/US2012/047747	7/20/2012		
Taiwan	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	101126473	7/23/2012		
Taiwan	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	105127783	7/23/2012		
Hong Kong	ASSAY TO CAPTURE AND DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	14107448.7	7/22/2014		
United States of America	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELAN	61/004345	11/27/2007		
Canada	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	2706442	10/20/2008	2706442	7/11/2017
Austria	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Belgium	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Switzerland	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Germany	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS	08855440.7	10/20/2008	2225563	1/21/2015

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	IN BLOOD				
Denmark	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
European Patent Office	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Finland	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
France	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
United Kingdom	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Greece	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	3085693	1/21/2015
Ireland	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Netherlands	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Sweden	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	08855440.7	10/20/2008	2225563	1/21/2015
Hong Kong	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	11102062.6	10/20/2008	1148068	11/20/2015
Hong Kong	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	11102264.2	10/20/2008	1148348	4/22/2016
South Korea	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	10-2010-7013842	10/20/2008	10-1604649	3/14/2016
United States of America	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	12/254188	10/20/2008		
China	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	200880118137.X	10/20/2008	200880118137.X	5/20/2015
Japan	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	2010-536033	10/20/2008	5479355	2/21/2014
Mexico	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	MX/A/2010/005811	10/20/2008	306353	1/3/2013

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P.C.T.	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	PCT/US2008/080436	10/20/2008		
Brazil	AUTOMATED ENUMERATION AND CHARACTERIZATION OF CIRCULATING MELANOMA CELLS IN BLOOD	PI0819854-3	10/20/2008		
United States of America	AUTOPREP INSTRUMENT	29/172571	12/13/2002	D491272	6/8/2004
Israel	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	156741	2/12/2002		
Canada	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	2434604	2/12/2002	2434604	9/28/2010
Canada	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	2708573	2/12/2002	2708573	5/1/2012
European Patent Office	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02709486	2/12/2002	1360471	9/20/2003
Germany	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02709486.1	2/12/2002	1360471	9/20/2003
France	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02709486.1	2/12/2002	1360471	9/20/2003
United Kingdom	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02709486.1	2/12/2002	1360471	9/20/2003
Ireland	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02709486.1	2/12/2002	1360471	9/20/2003
Italy	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02709486.1	2/12/2002	1360471	9/20/2003
Netherlands	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02709486.1	2/12/2002	1360471	9/20/2003
Australia	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	2002243968	2/12/2002	2002243968	5/11/2007
China	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	02804875.X	2/12/2002		
United States of America	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	10/074900	2/12/2002	6861259	3/1/2005
South Korea	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	10-2003-7010548	2/12/2002		
Japan	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	2002-564572	2/12/2002	3766064	2/3/2006
P.C.T.	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	PCT/US2002/004124	2/12/2002		
Brazil	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	PI0207095-2	2/12/2002		
United States of America	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	10/988057	11/12/2004	7604777	10/20/2009

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United States of America	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	11/294012	12/5/2005	7815863	10/19/2010
United States of America	CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	60/268101	2/12/2001		
United States of America	CIRCULATING ENDOTHELIAL CELL ISOLATION AND PROFILING IN ASSESSING DISEASE STATES	60/601585	8/12/2004		
European Patent Office	CIRCULATING ENDOTHELIAL CELL ISOLATION AND PROFILING IN ASSESSING DISEASE STATES	05789209.3	8/12/2005		
P.C.T.	CIRCULATING ENDOTHELIAL CELL ISOLATION AND PROFILING IN ASSESSING DISEASE STATES	PCT/US2005/028862	8/12/2005		
New Zealand	CIRCULATING TUMOR CELL ASSAY	573187	5/29/2007	573187	3/5/2012
Canada	CIRCULATING TUMOR CELL ASSAY	2653745	5/29/2007	2653745	11/19/2013
Australia	CIRCULATING TUMOR CELL ASSAY	2007255110	5/29/2007	2007255110	7/3/2014
China	CIRCULATING TUMOR CELL ASSAY	200780027121.3	5/29/2007	200780027121.3	7/2/2014
United States of America	CIRCULATING TUMOR CELL ASSAY	12/303243	5/29/2007	8940493	1/27/2015
United States of America	CIRCULATING TUMOR CELL ASSAY	14/580019	12/22/2014		
United States of America	CIRCULATING TUMOR CELL ASSAY	15/661241	7/27/2017		
Canada	CIRCULATING TUMOR CELLS (CTC'S): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	2516795	2/26/2004	2516795	1/15/2013
Germany	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
European Patent Office	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
Spain	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
France	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United Kingdom	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
Italy	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
Netherlands	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
Turkey	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
Belgium	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
Ireland	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	04715133.7	2/26/2004	1597353	11/24/2010
Japan	CIRCULATING TUMOR CELLS (CTC's): EARLY ASSESSMENT OF TIME TO PROGRESSION SURVIVAL AND RESPONSE TO THERAPY IN METASTATIC CANCER PATIENTS	2006-503899	2/26/2004	4593557	9/24/2010
United States of America	CIRCULATING TUMOR CELLS ASSAY	60/810811	6/2/2006		
European Patent Office	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Austria	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Belgium	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Bulgaria	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Switzerland	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Czech Republic	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Germany	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Denmark	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Spain	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Finland	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
France	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United Kingdom	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Greece	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Hungary	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Ireland	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Italy	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Netherlands	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Poland	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Portugal	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Romania	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Sweden	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Slovenia	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Slovakia	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Turkey	CIRCULATING TUMOR CELLS ASSAY	07734765.6	5/29/2007	2027470	11/21/2012
Russian Federation	CIRCULATING TUMOR CELLS ASSAY	2008147415	5/29/2007		
India	CIRCULATING TUMOR CELLS ASSAY	10034/DELNP/2008	5/29/2007		
South Korea	CIRCULATING TUMOR CELLS ASSAY	10-2008-7032034	5/29/2007	10-1467136	11/24/2014
South Korea	CIRCULATING TUMOR CELLS ASSAY	10-2013-7019896	5/29/2007	1014671360000	11/24/2014
South Korea	CIRCULATING TUMOR CELLS ASSAY	10-2014-7009331	5/29/2007		
Japan	CIRCULATING TUMOR CELLS ASSAY	2007-512704	5/29/2007		
South Africa	CIRCULATING TUMOR CELLS ASSAY	2008/10203	5/29/2007		
Singapore	CIRCULATING TUMOR CELLS ASSAY	200808837-9	5/29/2007	148332	8/31/2011
Japan	CIRCULATING TUMOR CELLS ASSAY	2009-512704	5/29/2007	4943504	3/9/2012
Mexico	CIRCULATING TUMOR CELLS ASSAY	MX/a/2008/015425	5/29/2007		
P.C.T.	CIRCULATING TUMOR CELLS ASSAY	PCT/IB2007/001483	5/29/2007		
Brazil	CIRCULATING TUMOR CELLS ASSAY	PI712225-0	5/29/2007		
Hong Kong	CIRCULATING TUMOR CELLS ASSAY	10100979.3	1/29/2010	1137509	5/15/2015
Macao	CIRCULATING TUMOR CELLS ASSAY	J/001522	9/15/2014	J/001522	1/21/2015
United States of America	COATED, RESUSPENDABLE MAGNETICALLY RESPONSIVE, TRANSITION METAL OXIDE PARTICLES AND METHOD FOR THE PREPARATION THEREOF	08/949317	10/14/1997	6120856	9/19/2000

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United States of America	CORRELATION OF CHARGES IN CIRCULATING TUMOR CELLS WITH RADIOGRAPHIC RESPONSE TO TREATMENT IN PATIENTS WITH METASTATIC BREAST CANCER AND INTEGRATION WITH LEVELS OF SOLUABLE TUMOR MARKERS	60/629915	11/22/2004		
P.C.T.	DETECTION OF BOUND ANALYTE BY MAGNETIC PARTITIONING AND MASKING	PCT/US1997/009629	6/3/1997		
United States of America	DEVELOPMENT OF IGF1R/CHR 15 FISH ASSAY FOR CIRCULATING TUMOR CELLS	61/039162	3/25/2008		
United States of America	DEVICE AND METHOD FOR ANALYTICAL CELL IMAGING	60/377868	5/3/2002		
Canada	DEVICE AND METHOD FOR ANALYTICAL CELL IMAGING	2484730	5/5/2003		
European Patent Office	DEVICE AND METHOD FOR ANALYTICAL CELL IMAGING	03728685	5/5/2003		
Japan	DEVICE AND METHOD FOR ANALYTICAL CELL IMAGING	2004-501911	5/5/2003		
P.C.T.	DEVICE AND METHOD FOR ANALYTICAL CELL IMAGING	PCT/US2003/013842	5/5/2003		
United States of America	DEVICE AND METHOD FOR ANALYTICAL CELL IMAGING	10/979388	11/2/2004		
United States of America	DEVICES AND METHODS TO IMAGE OBJECTS	60/259959	1/5/2001		
Israel	DEVICES AND METHODS TO IMAGE OBJECTS	156500	1/4/2002		
Canada	DEVICES AND METHODS TO IMAGE OBJECTS	2431818	1/4/2002	2431818	11/22/2011
Germany	DEVICES AND METHODS TO IMAGE OBJECTS	02713358.6	1/4/2002	60215302.6	10/11/2006
European Patent Office	DEVICES AND METHODS TO IMAGE OBJECTS	02713358.6	1/4/2002	1356420	10/11/2006
France	DEVICES AND METHODS TO IMAGE OBJECTS	02713358.6	1/4/2002	1356420	10/11/2006
United Kingdom	DEVICES AND METHODS TO IMAGE OBJECTS	02713358.6	1/4/2002	1356420	10/11/2006
Ireland	DEVICES AND METHODS TO IMAGE OBJECTS	02713358.6	1/4/2002	1356420	10/11/2006
Italy	DEVICES AND METHODS TO IMAGE OBJECTS	02713358.6	1/4/2002	1356420	10/11/2006
Netherlands	DEVICES AND METHODS TO IMAGE OBJECTS	02713358.6	1/4/2002	1356420	10/11/2006
China	DEVICES AND METHODS TO IMAGE OBJECTS	02803499.6	1/4/2002		
Australia	DEVICES AND METHODS TO IMAGE OBJECTS	2002245215	1/4/2002		
Australia	DEVICES AND METHODS TO IMAGE OBJECTS	2008249152	1/4/2002	2008249152	7/14/2011
South Korea	DEVICES AND METHODS TO IMAGE OBJECTS	10-2003-7008625	1/4/2002		
Japan	DEVICES AND METHODS TO IMAGE OBJECTS	2002-555363	1/4/2002		
P.C.T.	DEVICES AND METHODS TO IMAGE OBJECTS	PCT/US2002/000203	1/4/2002		
Brazil	DEVICES AND METHODS TO IMAGE OBJECTS	PI0206255.0	1/4/2002		

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United States of America	DEVICES AND METHODS TO IMAGE OBJECTS	10/612144	7/2/2003	7282180	10/16/2007
Germany	DEVICES AND METHODS TO IMAGE OBJECTS BY TIME DELAY INTEGRATION	04816174.9	8/10/2004	1656545	2/8/2012
United Kingdom	DEVICES AND METHODS TO IMAGE OBJECTS BY TIME DELAY INTEGRATION	04816174.9	8/10/2004	1656545	2/8/2012
Switzerland	DEVICES AND METHODS TO IMAGE OBJECTS BY TIME DELAY INTEGRATION	04816174.9	8/10/2004	1656545	2/8/2012
Canada	DIAGNOSTIC BIOMARKERS OF DIABETES	2705195	11/13/2008		
Belgium	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
Switzerland	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
Germany	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
European Patent Office	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
France	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
United Kingdom	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
Ireland	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
Italy	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
Netherlands	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
Sweden	DIAGNOSTIC BIOMARKERS OF DIABETES	08849756.5	11/13/2008	2215266	1/14/2015
European Patent Office	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
Belgium	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
Switzerland	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
Germany	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
Spain	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
France	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
United Kingdom	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
Ireland	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
Italy	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
Netherlands	DIAGNOSTIC BIOMARKERS OF DIABETES	13151356.6	11/13/2008	2584050	5/31/2017
European Patent Office	DIAGNOSTIC BIOMARKERS OF DIABETES	17173585.5	11/13/2008		

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China	DIAGNOSTIC BIOMARKERS OF DIABETES	200880115967.7	11/13/2008	200880115967.7	8/17/2016
South Korea	DIAGNOSTIC BIOMARKERS OF DIABETES	10-2010-7012926	11/13/2008	10-1591738	1/29/2016
United States of America	DIAGNOSTIC BIOMARKERS OF DIABETES	12/742920	11/13/2008		
Japan	DIAGNOSTIC BIOMARKERS OF DIABETES	2010-534182	11/13/2008		
Mexico	DIAGNOSTIC BIOMARKERS OF DIABETES	MX/A/2010/005281	11/13/2008	301820	7/30/2012
P.C.T.	DIAGNOSTIC BIOMARKERS OF DIABETES	PCT/US2008/083424	11/13/2008		
Brazil	DIAGNOSTIC BIOMARKERS OF DIABETES	PI0820557-4	11/13/2008		
United States of America	DIAGNOSTIC BIOMARKERS OF DIABETES	13/693306	12/4/2012		
United States of America	DIAGNOSTIC BIOMARKERS OF DIABETES	14/711127	5/13/2015		
European Patent Office	ENRICHMENT OF CIRCULATING TUMOR CELLS BY DEPLETING WHITE BLOOD CELLS	14721102.3	3/14/2014		
Hong Kong	ENRICHMENT OF CIRCULATING TUMOR CELLS BY DEPLETING WHITE BLOOD CELLS	16104443.7	3/14/2014		
Hong Kong	ENRICHMENT OF CIRCULATING TUMOR CELLS BY DEPLETING WHITE BLOOD CELLS	16107632.1	3/14/2014		
Australia	ENRICHMENT OF CIRCULATING TUMOR CELLS BY DEPLETING WHITE BLOOD CELLS	2014239168	3/14/2014		
China	ENRICHMENT OF CIRCULATING TUMOR CELLS BY DEPLETING WHITE BLOOD CELLS	201480015641.2	3/14/2014		
Japan	ENRICHMENT OF CIRCULATING TUMOR CELLS BY DEPLETING WHITE BLOOD CELLS	2016-502523	3/14/2014		
United States of America	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	61/320398	4/2/2010		
Israel	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	222167	3/31/2011		
Canada	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	2795242	3/31/2011		
Belgium	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	11763422.0	3/31/2011	2553445	3/30/2016
Germany	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	11763422.0	3/31/2011	2553445	3/30/2016
European Patent Office	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	11763422.0	3/31/2011	2553445	3/30/2016
France	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	11763422.0	3/31/2011	2553445	3/30/2016

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United Kingdom	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	11763422.0	3/31/2011	2553445	3/30/2016
Ireland	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	11763422.0	3/31/2011	2553445	3/30/2016
Chile	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	201202762	3/31/2011		
Australia	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	2011235082	3/31/2011	2011235082	3/31/2011
China	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	201180017903.5	3/31/2011		
South Korea	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	10-2012-7028718	3/31/2011		
Brazil	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	112012025196-1	3/31/2011		
Japan	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	2013-502836	3/31/2011		
Mexico	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	MX/A/2012/011481	3/31/2011		
Argentina	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	P110101087	3/31/2011		
P.C.T.	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	PCT/US2011/030686	3/31/2011		
United States of America	GENE-BASED PREDICTION OF PSA RECURRENCE FOR CLINICALLY LOCALIZED PROSTATE CANCER PATIENTS	13/633261	10/2/2012		
Israel	HIGH SENSITIVITY MULTIPARAMETER METHOD FOR RARE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	199798	7/9/2009	199798	12/1/2014
United States of America	HIGH SENSTIVITY MULTIPARAMETER METHOD FOR RATE EVENT ANALYSIS IN A BIOLOGICAL SAMPLE	12/181399	7/29/2008	9134237	9/15/2015
United States of America	IMAGE CYTOMETER	29/258927	4/28/2006	D601051	9/29/2009
United States of America	IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	61/054219	5/19/2008		
United States of America	IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	12/467932	5/18/2009	8569077	10/29/2013
Israel	IMAGING OF IMMUNOMAGNETICALLY	209080	5/19/2009	209080	5/1/2016

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	ENRICHED RARE CELLS				
Canada	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	2724978	5/19/2009		
Belgium	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Switzerland	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Germany	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
European Patent Office	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Spain	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
France	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
United Kingdom	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Greece	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Hungary	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Ireland	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Luxembourg	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Netherlands	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Romania	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
Sweden	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	09751377.4	5/19/2009	2288919	12/21/2016
China	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	200980118473.9	5/19/2009	ZL200980118473.9	1/20/2016
South Korea	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	10-2010-7028230	5/19/2009		
Japan	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	2011-510646	5/19/2009	5701749	2/27/2015
Mexico	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	MX/A/2010/012565	5/19/2009	312152	8/9/2013
P.C.T.	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	PCT/US2009/044510	5/19/2009		
Brazil	IMPROVED IMAGING OF IMMUNOMAGNETICALLY ENRICHED RARE CELLS	PI0912865.4	5/19/2009		

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United States of America	IMPROVED MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	61/724343	11/9/2012		
Canada	IMPROVED MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	2906900	3/14/2014		
Brazil	IMPROVED MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	112015022962.0	3/14/2014		
Mexico	IMPROVED MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	MX/A/2015/012341	3/14/2014		
P.C.T.	IMPROVED MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	PCT/US2014/027701	3/14/2014		
United States of America	IMPROVEMENT UPON A CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	10/303309	11/25/2002	7011794	3/14/2006
Canada	IMPROVEMENT UPON A CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	2507549	11/20/2003	2507549	7/12/2011
Canada	IMPROVEMENT UPON A CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	2738577	11/20/2003	2738577	5/3/2016
European Patent Office	IMPROVEMENT UPON A CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	03786902.1	11/20/2003		
Japan	IMPROVEMENT UPON A CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	2004-555506	11/20/2003	4494213	4/16/2010
P.C.T.	IMPROVEMENT UPON A CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	PCT/US2003/037105	11/20/2003		
United States of America	IMPROVEMENT UPON A CARTRIDGE FOR CONTAINING A SPECIMEN SAMPLE FOR OPTICAL ANALYSIS	12/876189	9/6/2010		
United States of America	INCREASED EXPRESSION OF TCF7L2 IN PERIPHERAL BLOOD MONONUCLEAR CELLS IS ASSOCIATED WITH TYPE 2 DIABETES	60/987540	11/13/2007		
United States of America	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	09/351515	7/12/1999	6623982	9/23/2003
New Zealand	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	523437	7/14/2000	523437	4/6/2006
China	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00819893.4	7/14/2000		
Sweden	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Austria	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
Belgium	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
Switzerland	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
Germany	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
Denmark	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
European Patent Office	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
France	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
United Kingdom	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
Ireland	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
Netherlands	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	00950339.2	7/14/2000	1311820	2/11/2015
Canada	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	2416277	7/14/2000	2416277	10/26/2010
Australia	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	2000263456	7/14/2000	2000263456	11/2/2006
Japan	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	2002-512651	7/14/2000	4663957	1/14/2011
P.C.T.	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	PCT/US2000/019171	7/14/2000		
Brazil	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	PCT/US2000/019171	7/14/2000		
United States of America	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	09/702188	10/31/2000	6620627	9/16/2003

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United States of America	INCREASED SEPARATION EFFICIENCY VIA CONTROLLED AGGREGATION OF MAGNETIC NANOPARTICLES	10/449355	5/30/2003		
United States of America	ISOLATION OF CIRCULATING TUMOR CELLS USING A NOVEL EMT-BASED CAPTURE METHOD	61/760042	2/2/2013		
United States of America	KITS AND ASSAYS TO DETECT CIRCULATING MULTIPLE MYELOMA CELLS FROM BLOOD	62/464585	2/28/2017		
United States of America	LABELED CELL SETS FOR USE AS FUNCTIONAL CONTROLS IN RARE CELL DETECTION ASSAYS	10/706108	11/12/2003	7282350	10/16/2007
Austria	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Belgium	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Switzerland	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Germany	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
European Patent Office	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Spain	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
France	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
United Kingdom	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Ireland	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Italy	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Netherlands	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Turkey	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	02739098.8	3/7/2002	1429603	12/1/2010
Austria	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Belgium	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
European Patent Office	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Hong Kong	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	11106359.9	3/7/2002	1152378	9/11/2015
Switzerland	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Germany	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Denmark	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Spain	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Finland	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
France	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
United Kingdom	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Greece	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	3085197	10/15/2014
Ireland	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Italy	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Luxembourg	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Monaco	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Netherlands	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Portugal	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
Sweden	LABELED CELLS FOR USE AS AN INTERNAL FUNCTIONAL CONTROL IN RARE CELL DETECTION ASSAYS	10179790.0	3/7/2002	2280283	10/15/2014
United States of America	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	60/494101	8/11/2003		
Canada	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	2535301	8/10/2004		
European Patent Office	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	04816174.9	8/10/2004	1656545	2/8/2012
Japan	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	2006-523324	8/10/2004		
P.C.T.	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	PCT/US2004/025981	8/10/2004		
United States of America	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	11/344757	2/1/2006		
Germany	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
European Patent Office	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
France	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
United Kingdom	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
Ireland	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
Italy	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
Netherlands	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
Sweden	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
Belgium	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
Switzerland	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	07794520.2	5/3/2007	2024893	3/4/2015
United States of America	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	12/300344	5/3/2007		
Japan	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	2009-510964	5/3/2007		
P.C.T.	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	PCT/US2007/010727	5/3/2007		
Hong Kong	LASER ILLUMINATION SYSTEM IN FLUORESCENT MICROSCOPY	09107585.7	8/18/2009	1129750	3/18/2016
Canada	MAGNETIC ENRICHMENT OF CIRCULATING CELLS, FRAGMENTS AND DEBRIS FOR ENABLING HTS PROTEOMIX AND GENOMICS IN DISEASE DETECTION	2587765	11/17/2004		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
European Patent Office	MAGNETIC ENRICHMENT OF CIRCULATING CELLS, FRAGMENTS AND DEBRIS FOR ENABLING HTS PROTEOMIX AND GENOMICS IN DISEASE DETECTION	04822640.1	11/17/2004		
Japan	MAGNETIC ENRICHMENT OF CIRCULATING CELLS, FRAGMENTS AND DEBRIS FOR ENABLING HTS PROTEOMIX AND GENOMICS IN DISEASE DETECTION	2007-542999	11/17/2004		
P.C.T.	MAGNETIC ENRICHMENT OF CIRCULATING CELLS, FRAGMENTS AND DEBRIS FOR ENABLING HTS PROTEOMIX AND GENOMICS IN DISEASE DETECTION	PCT/US2004/038608	11/17/2004		
United States of America	MAGNETIC SEPARATION APPARATUS AND METHODS	60/110280	11/30/1998		
Canada	MAGNETIC SEPARATION APPARATUS AND METHODS	2352064	11/30/1999	2352064	3/27/2007
Canada	MAGNETIC SEPARATION APPARATUS AND METHODS	2533683	11/30/1999	2533683	1/12/2010
Austria	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Belgium	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Switzerland	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Germany	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Denmark	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
European Patent Office	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Spain	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Finland	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
France	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
United Kingdom	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Greece	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Italy	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Netherlands	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Portugal	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Sweden	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
Turkey	MAGNETIC SEPARATION APPARATUS AND METHODS	99960615.5	11/30/1999	1144073	8/13/2008
United States of America	MAGNETIC SEPARATION APPARATUS AND METHODS	09/856672	11/30/1999	6660159	12/9/2003
Japan	MAGNETIC SEPARATION APPARATUS AND METHODS	2000-584976	11/30/1999	4409096	11/20/2009
P.C.T.	MAGNETIC SEPARATION APPARATUS AND METHODS	PCT/US1999/028231	11/30/1999		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United States of America	MAGNETIC SEPARATION APPARATUS AND METHODS	10/602979	6/24/2003	6790366	9/14/2004
United States of America	MAGNETIC SEPARATION APPARATUS AND METHODS	10/733829	12/10/2003	6890426	5/10/2005
European Patent Office	MAGNETIC SEPARATION APPARATUS AND METHODS	04788927.4	9/22/2004		
P.C.T.	MAGNETIC SEPARATION APPARATUS AND METHODS	PCT/US2004/031132	9/22/2004		
United States of America	MAGNETIC SEPARATION APPARATUS AND METHODS	11/447562	6/6/2006	7666308	2/23/2010
Germany	MAGNETIC SEPARATION EMPLOYING EXTERNAL AND INTERNAL GRADIENTS	97929766.0	6/2/1997	0920627	5/12/2004
European Patent Office	MAGNETIC SEPARATION EMPLOYING EXTERNAL AND INTERNAL GRADIENTS	97929766.0	6/2/1997	0920627	5/12/2004
France	MAGNETIC SEPARATION EMPLOYING EXTERNAL AND INTERNAL GRADIENTS	97929766.0	6/2/1997	0920627	5/12/2004
United Kingdom	MAGNETIC SEPARATION EMPLOYING EXTERNAL AND INTERNAL GRADIENTS	97929766.0	6/2/1997	0920627	5/12/2004
Italy	MAGNETIC SEPARATION EMPLOYING EXTERNAL AND INTERNAL GRADIENTS	97929766.0	6/2/1997	0920627	5/12/2004
Japan	MAGNETIC SEPARATION EMPLOYING EXTERNAL AND INTERNAL GRADIENTS	10-500761	6/2/1997	3996644	8/10/2007
P.C.T.	MAGNETIC SEPARATION EMPLOYING EXTERNAL AND INTERNAL GRADIENTS	PCT/US1997/009492	6/2/1997		
Japan	MAGNETIC SEPARATOR AND METHOD THEREOF	2009-220205	11/30/1999	4593672	9/24/2010
United States of America	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	60/729536	10/24/2005		
United States of America	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	60/786117	3/27/2006		
Canada	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	2623405	9/20/2006	2623405	11/25/2014
Hong Kong	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	09100260.4	9/20/2006		
European Patent Office	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	17163260.7	9/20/2006		
P.C.T.	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	PCT/US2006/036656	9/20/2006		

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United States of America	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	14/746954	6/23/2015		
United States of America	METHDS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES`	60/713676	9/20/2005		
United States of America	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	60/594198	3/18/2005		
P.C.T.	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	PCT/US2006/010026	3/20/2006		
United States of America	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	11/897471	8/30/2007	8110101	2/7/2012
United States of America	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	12/031807	2/15/2008	7828968	11/9/2010
Austria	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
Belgium	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
Switzerland	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
Germany	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
European Patent Office	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
Spain	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
France	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
United Kingdom	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
Ireland	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
Italy	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Netherlands	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	09250366.3	2/13/2009	2090889	1/4/2012
Hong Kong	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	10102561.3	2/13/2009	1137810	8/29/2014
China	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	200910130777.9	2/13/2009	200910130777.9	12/25/2013
Japan	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	2009-032033	2/13/2009	5507092	3/28/2014
United States of America	METHOD AND APPARATUS FOR IMAGING TARGET COMPONENTS IN A BIOLOGICAL SAMPLE USING PERMANENT MAGNETS	12/888562	9/23/2010		
Japan	METHOD AND REAGENT FOR THE QUICK AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELL	2012-229134	2/12/1999	5766168	6/26/2015
Japan	METHOD AND REAGENT FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2006-112446	2/12/1999	5265855	5/10/2013
United States of America	METHOD FOR ASSESSING DISEASE STATES BY PROFILE ANALYSIS OF ISOLATED CIRCULATING ENDOTHELIAL CELLS	11/701763	2/2/2007	7901950	3/8/2011
Israel	METHOD FOR ASSESSING IGF1R GENE ABERRATIONS IN CIRCULATING TUMOR CELLS AND A KIT THEREFOR	207895	3/25/2009	207895	12/25/2015
United States of America	METHOD FOR DETECTING IGFIR/CHR 15 IN CIRCULATING TUMOR CELLS USING FISH	12/409190	3/23/2009		
United States of America	METHOD FOR PREDICTING PROGRESSION FREE AND OVERALL SURVIVAL AT EACH FOLLOW-UP TIME POINT DURING THERAPY OF METASTATIC BREAST CANCER PATIENTS USING CIRCULATING TUMOR CELLS	11/897504	8/30/2007		
Israel	METHOD FOR SEPARATING AND DETECTING CANCER CELLS	137802	2/12/1999	137802	11/2/2006
United States of America	METHOD OF ASSESSING METASTATIC CARCINOMAS FROM CIRCULATING ENDOTHELIAL CELLS AND DISSEMINATED TUMOR CELLS	12/004805	12/22/2007		
United States of America	METHOD TO SELECT AND TRANSFECT CELL SUBPOPULATIONS	09/230394	7/31/1997	6228624	5/8/2001
P.C.T.	METHOD TO SELECT AND TRANSFECT CELL SUBPOPULATIONS	PCT/US1997/013523	7/31/1997		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United States of America	METHODS AND APPARATUS FOR PRE-ENRICHMENT AND RECOVERY OF CELLS FROM DENSIFIED WHOLE BLOOD	60/520614	11/17/2003		
European Patent Office	METHODS AND APPARATUS FOR PRE-ENRICHMENT AND RECOVERY OF CELLS FROM DENSIFIED WHOLE BLOOD	04819177.9	11/17/2004		
P.C.T.	METHODS AND APPARATUS FOR PRE-ENRICHMENT AND RECOVERY OF CELLS FROM DENSIFIED WHOLE BLOOD	PCT/US2004/038609	11/17/2004		
Switzerland	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Germany	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Spain	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
France	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Greece	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Hungary	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Italy	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Romania	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Sweden	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Ireland	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Netherlands	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, IABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Belgium	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
European Patent Office	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
United Kingdom	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	06844178.1	9/20/2006	1941050	4/26/2017
Japan	METHODS AND COMPOSITION TO GENERATE UNIQUE SEQUENCE DNA PROBES, LABELING OF DNA PROBES AND THE USE OF THESE PROBES	2008-532351	9/20/2006	5457673	1/17/2014
Canada	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	2623775	9/19/2006		
Belgium	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Switzerland	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Germany	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Denmark	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
European Patent Office	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Spain	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
France	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
United Kingdom	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Greece	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Hungary	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Ireland	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Italy	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Luxembourg	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Netherlands	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	06814892.3	9/19/2006	1934615	6/4/2014
Hong Kong	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	09105997.3	9/19/2006	1128524	12/30/2016
China	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	200680043073.2	9/19/2006	200680043073.2	11/25/2015
United States of America	Methods and Materials for Identifying the Origin of a Carcinoma of Unknown Primary Origin	11/523495	9/19/2006		
Japan	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	2008-531421	9/19/2006	5405110	11/8/2013
Mexico	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	MX/A/2008/003932	9/19/2006	305327	11/15/2012
Brazil	METHODS AND MATERIALS FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	PI0616090-5	9/19/2006		
United States of America	METHODS AND REAGENTS FOR CONFIRMING THE PRESENCE OF CIRCULATING TUMOR CELLS IN PATIENTS	60/718676	9/20/2005		
United States of America	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	61/223894	7/8/2009		
Canada	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	2709106	7/7/2010		
Japan	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	2010-154736	7/7/2010		
Belgium	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
Switzerland	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
Germany	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
Denmark	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
European Patent Office	METHODS AND REAGENTS FOR THE EARLY DETECTION OF	10251223.3	7/8/2010	2272989	1/4/2017

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	MELANOMA				
Spain	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
France	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
United Kingdom	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
Ireland	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
Italy	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
Netherlands	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10251223.3	7/8/2010	2272989	1/4/2017
China	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	201010226228.4	7/8/2010		
South Korea	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	10-2010-0065733	7/8/2010		
United States of America	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	12/832462	7/8/2010		
Mexico	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	MX/A/10/007514	7/8/2010		
Brazil	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	PI 1006640-3	7/8/2010		
Hong Kong	METHODS AND REAGENTS FOR THE EARLY DETECTION OF MELANOMA	11107140.1	7/11/2011		
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	60/074535	2/12/1998		
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	60/110202	11/30/1998		
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	60/110279	11/30/1998		
Canada	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2320418	2/12/1999	2320418	6/17/2008
Canada	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2432361	2/12/1999	2432361	10/11/2011
Canada	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2432363	2/12/1999	2432363	4/20/2010

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Germany	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	99908132.6	2/12/1999	1062515	11/25/2009
European Patent Office	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	99908132.6	2/12/1999	1062515	11/25/2009
France	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	99908132.6	2/12/1999	1062515	11/25/2009
United Kingdom	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	99908132.6	2/12/1999	1062515	11/25/2009
Italy	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	99908132.6	2/12/1999	1062515	11/25/2009
Netherlands	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	99908132.6	2/12/1999	1062515	11/25/2009
Australia	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	199927636	2/12/1999	760560	8/28/2003
Australia	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2003200334	2/12/1999	2003200334	4/26/2007
Australia	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2003200335	2/12/1999	2003200335	11/19/2004
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	09/248388	2/12/1999	6365362	4/2/2002
South Korea	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	10-2000-7008880	2/12/1999	0399475	9/16/2003
Japan	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2000-531745	2/12/1999		
P.C.T.	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	PCT/US1999/003073	2/12/1999		
Brazil	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING	PI9907852-0	2/12/1999		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	CANCER CELLS				
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	09/801471	3/8/2001		
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	09/904472	7/13/2001	6645731	11/11/2003
Israel	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	157256	2/19/2002		
Canada	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2438112	2/19/2002		
European Patent Office	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	02806645.4	2/19/2002		
China	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	02807927.2	2/19/2002		
Australia	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2002306561	2/19/2002		
Australia	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2008249153	2/19/2002	2008249153	8/23/2012
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	10/079939	2/19/2002		
South Korea	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	10-2003-7010790	2/19/2002		
Japan	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2003-564585	2/19/2002		
P.C.T.	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	PCT/US2002/005233	2/19/2002		
Brazil	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	PI0207290.4	2/19/2002		
Japan	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2002-575608	3/7/2002		
P.C.T.	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	PCT/US2002/006967	3/7/2002		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United States of America	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	10/269579	10/11/2002	7332288	2/19/2008
Japan	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	2004-265687	9/13/2004	3834326	7/28/2006
P.C.T.	METHODS AND REAGENTS FOR THE RAPID AND EFFICIENT ISOLATION OF CIRCULATING CANCER CELLS	PCT/US2004/032029	9/30/2004		
Austria	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Belgium	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Switzerland	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Germany	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Denmark	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
European Patent Office	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Spain	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
France	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
United Kingdom	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Greece	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Ireland	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
Netherlands	METHODS AND USES FOR IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	11163930.8	9/19/2006	2402758	9/10/2014
United States of America	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	09/240939	1/29/1999	6551843	4/22/2003

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Austria	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Belgium	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Switzerland	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Germany	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Denmark	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
European Patent Office	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Spain	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Finland	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
France	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
United Kingdom	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Greece	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Italy	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Netherlands	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Portugal	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Sweden	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	00905755.5	1/27/2000	1151297	11/18/2009
Canada	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	2359664	1/27/2000		
Japan	METHODS FOR ENHANCING BINDING INTERACTIONS	2000-596370	1/27/2000		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS				
Japan	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	2010-151171	1/27/2000	5442544	12/27/2013
P.C.T.	METHODS FOR ENHANCING BINDING INTERACTIONS BETWEEN MEMBERS OF SPECIFIC BINDING PAIRS	PCT/US2000/002034	1/27/2000		
Israel	METHODS FOR PREDICTING AND MONITORING EFFICACY OF IGF-1R ANTAGONIST THERAPY IN A PATIENT	195577	5/29/2007	195577	4/1/2013
United States of America	METHODS FOR RANKING CELLULAR IMAGES	60/842405	9/5/2006		
Canada	METHODS FOR RANKING CELLULAR IMAGES	2662859	8/30/2007		
European Patent Office	METHODS FOR RANKING CELLULAR IMAGES	07811602.7	8/30/2007		
China	METHODS FOR RANKING CELLULAR IMAGES	200780032919.7	8/30/2007		
China	METHODS FOR RANKING CELLULAR IMAGES	201510236202.0	8/30/2007		
United States of America	METHODS FOR RANKING CELLULAR IMAGES	12/439698	8/30/2007		
Japan	METHODS FOR RANKING CELLULAR IMAGES	2009-527362	8/30/2007	5548890	5/30/2014
Mexico	METHODS FOR RANKING CELLULAR IMAGES	MX/A/2009/002397	8/30/2007	296093	2/14/2012
P.C.T.	METHODS FOR RANKING CELLULAR IMAGES	PCT/US2007/019045	8/30/2007		
Brazil	METHODS FOR RANKING CELLULAR IMAGES	PI0716478-5	8/30/2007		
United States of America	METHODS FOR RANKING CELLULAR IMAGES	12/439638	3/3/2009		
Hong Kong	METHODS FOR RANKING CELLULAR IMAGES	09110712.7	11/16/2009		
Hong Kong	METHODS FOR RANKING CELLULAR IMAGES	16101635.1	2/16/2016		
Israel	METHODS OF ANALYSIS OF CIRCULATING MELANOMA CELLS IN PATIENTS WITH METASTATIC MELANOMA	205864	10/20/2008	205864	3/30/2017
Israel	METHODS OF DIAGNOSING DIABETES MELLITUS AND KITS FOR ASSESSING A PATIENT'S SUSCEPTIBILITY TO DIABETES	205353	11/13/2008	205353	5/27/2015
Israel	METHODS OF IDENTIFYING MELANOMA AND KITS FOR USE THEREIN	206810	7/5/2010	206810	10/31/2015
P.C.T.	METHODS OF IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN	PCT/US2006/036355	9/19/2006		
United States of America	METHODS OF IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN, ALGORITHMS, BIOMARKERS, KITS AND ARTICLES FOR USE THEREIN AND PATIENT REPORTS GENERATED THEREBY	60/718501	9/19/2005		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United States of America	METHODS OF IDENTIFYING THE ORIGIN OF A CARCINOMA OF UNKNOWN PRIMARY ORIGIN, ALGORITHMS, BIOMARKERS, KITS AND ARTICLES FOR USE THEREIN AND PATIENT REPORTS GENERATED THEREBY	60/725680	10/12/2005		
United States of America	METHODS OF ISOLATING CIRCULATING TUMOR CELLS	61/806358	3/28/2013		
Germany	METHODS OF ISOLATING CIRCULATING TUMOR CELLS	112013006579.7	5/31/2013		
China	METHODS OF ISOLATING CIRCULATING TUMOR CELLS	201380075303.3	5/31/2013		
United States of America	METHODS OF ISOLATING CIRCULATING TUMOR CELLS	14/765071	5/31/2013		
P.C.T.	METHODS OF ISOLATING CIRCULATING TUMOR CELLS	PCT/US2013/043745	5/31/2013		
United States of America	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	60/983756	10/30/2007		
Israel	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	205347	10/30/2008		
Canada	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	2704062	10/30/2008		
European Patent Office	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	08845675.1	10/30/2008		
China	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	200880114163.5	10/30/2008		
South Korea	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	10-2010-7011752	10/30/2008		
Japan	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	2010-532245	10/30/2008		
Mexico	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	MX/A/2010/004916	10/30/2008		
Brazil	MICRORNA CLASSIFIERS FOR PREDICTING PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	PI0818478-0	10/30/2008		
United States of America	MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	61/787611	3/15/2013		
United States of America	MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	14/211630	3/14/2014		
United States of America	MOLECULAR CHARACTERIZATION OF CIRCULATING TUMOR CELLS	15/729957	10/11/2017		
United States of America	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	60/268859	2/16/2001		
United States of America	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	60/269270	2/20/2001		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
United States of America	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	60/269271	2/20/2001		
United States of America	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	60/503754	9/18/2003		
Canada	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	2539108	9/17/2004		
European Patent Office	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	04784320.6	9/17/2004		
Japan	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	2006-527036	9/17/2004	4629675	11/19/2010
Japan	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	2010-234618	9/17/2004	5215368	3/8/2013
P.C.T.	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	PCT/US2004/030429	9/17/2004		
United States of America	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	11/374623	3/13/2006	8337755	12/25/2012
United States of America	OPERATOR INDEPENDENT PROGRAMMABLE SAMPLE PREPARATION AND ANALYSIS SYSTEM	13/657132	10/22/2012		
United States of America	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	60/450519	2/7/2003		
United States of America	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	60/524759	11/25/2003		
P.C.T.	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	PCT/US2004/005848	2/26/2004		
European Patent Office	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	05725638.0	3/14/2005	1861509	9/9/2015

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
Norway	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	05725638.0	3/14/2005	1861509	9/9/2015
Japan	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	2008-501850	3/14/2005		
Japan	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	2011-198211	3/14/2005		
P.C.T.	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	PCT/US2005/008602	3/14/2005		
United States of America	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	60/686701	6/2/2005		
United States of America	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	60/686705	6/2/2005		
United States of America	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	11/202875	8/12/2005		
European Patent Office	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	06760609.5	6/1/2006		
P.C.T.	PERI-OPERATIVE ASSESSMENT OF CIRCULATING TUMOR CELLS IN BLOOD, DISSEMINATED TUMOR CELLS IN BONE MARROW, AND TISSUE GENE SIGNATURES IN PATIENTS WITH PRIMARY BREAST CANCER	PCT/US2006/021196	6/1/2006		
United States of America	PREDICTION OF RESPONSE TO DOCETAXEL THERAPY BASED ON THE PRESENCE OF TMPRSSG2:ERG FUSION IN	61/247161	9/30/2009		

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
	CIRCULATING TUMOR CELLS				
United States of America	PREDICTION OF RESPONSE TO DOCETAXEL THERAPY BASED ON THE PRESENCE OF TMPRSSG2:ERG FUSION IN CIRCULATING TUMOR CELLS	12/924506	9/28/2010		
United States of America	PRESERVATION OF CELLULAR COMPONENTS FROM CELLS WITH A PRESERVATIVE	15/448878	3/3/2017		
P.C.T.	PRESERVATION OF CELLULAR COMPONENTS FROM CELLS WITH A PRESERVATIVE	PCT/US2017/020622	3/3/2017		
United States of America	Preservation of Circulating Tumor Cell RNA with a Whole Blood Preservative	62/303886	3/4/2016		
United States of America	PROCESS FOR PREDICTING THE PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	12/261825	10/30/2008	7927805	4/19/2011
P.C.T.	PROCESS FOR PREDICTING THE PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	PCT/US2008/081809	10/30/2008		
United States of America	PROCESS FOR PREDICTING THE PROGNOSIS OF SQUAMOUS CELL LUNG CANCER	13/070153	3/23/2011		
United States of America	PROSTATE RECURRENCE PROGNOSTIC	61/118158	11/26/2008		
United States of America	ROTOR ASSEMBLY FOR THE COLLECTION, SEPARATION AND SAMPLING OF RARE BLOOD CELLS	60/466484	4/30/2003		
United States of America	ROTOR ASSEMBLY FOR THE COLLECTION, SEPARATION AND SAMPLING OF RARE BLOOD CELLS	10/834792	4/29/2004		
Japan	SEPARATION EFFICIENCY ENHANCED BY CONTROLLED FLOCCULATION OF MAGNETIC NANOPARTICLES	2008-310564	7/14/2000	5080434	9/7/2012
United States of America	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	60/314151	8/23/2001		
United States of America	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	60/369628	4/3/2002		
Israel	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	160210	8/23/2002		
Canada	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	2457891	8/23/2002		
European Patent Office	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	02768676.5	8/23/2002		
Australia	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	2002331696	8/23/2002		
Australia	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	2008288601	8/23/2002	2008288601	9/13/2012
China	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	02820820.X	8/23/2002		

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United States of America	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	10/780349	8/23/2002		
South Korea	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	10-2004-7002473	8/23/2002		
Japan	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	2003-523608	8/23/2002		
P.C.T.	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	PCT/US2002/026867	8/23/2002		
Brazil	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	PI0212124-7	8/23/2002		
United States of America	STABILIZATION OF CELLS AND BIOLOGICAL SPECIMENS FOR ANALYSIS	11/413544	4/28/2006		
United States of America	STEROID RECEPTOR ASSAYS	61/470618	4/1/2011		
United States of America	STEROID RECEPTOR ASSAYS	13/432248	3/28/2012		
P.C.T.	STEROID RECEPTOR ASSAYS	PCT/US2012/031338	3/30/2012		
Israel	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	228564	3/30/2012		
Canada	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	2831567	3/30/2012		
European Patent Office	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	12716825.0	3/30/2012		
Hong Kong	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	14103540.3	3/30/2012		
Hong Kong	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	14108186.1	3/30/2012		
China	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	201280016743.7	3/30/2012		
South Korea	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	10-2013-7028837	3/30/2012		
Brazil	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	112013025287-1	3/30/2012		
Japan	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	2014-502816	3/30/2012		
Mexico	STEROID RECEPTOR ASSAYS FOR DETECTING TUMOR CELLS	MX/A/2013/011428	3/30/2012		
United States of America	SYSTEMS FOR THE DETECTION AND ENUMERATION OF SUSPECT TARGET CELLS IN A MIXED CELL POPULATION	12/067532	9/20/2006	9127302	9/8/2015
United States of America	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	11/435266	5/16/2006		
Canada	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	2609214	5/18/2006	2609214	12/29/2015
Belgium	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015
Switzerland	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015
Germany	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015

Country	Title	Application Number	Application Date	Patent Number	Grant/Registration Date
European Patent Office	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015
France	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015
United Kingdom	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015
Italy	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015
Sweden	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	06770766.1	5/18/2006	1888785	3/4/2015
Belgium	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
Switzerland	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
Germany	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
European Patent Office	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
France	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
United Kingdom	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
Ireland	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
Netherlands	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
Sweden	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	12166440.3	5/18/2006	2518166	12/3/2014
China	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	200680026359.X	5/18/2006		
Japan	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	2008-512571	5/18/2006	5295761	6/21/2013
Mexico	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	MX/a/2007/014618	5/18/2006	335762	12/15/2015
Brazil	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	PI0610012-0	5/18/2006		
Hong Kong	THYROID FINE NEEDLE ASPIRATION MOLECULAR ASSAY	10101253.8	2/4/2010		
United States of America	Thyroid Fine Needle Aspiration Molecular Assay	60/683173	5/20/2005		
P.C.T.	Thyroid Fine Needle Aspiration Molecular Assay	PCT/US2006/019615	5/18/2006		