

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6408415

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SPRING BIOSCIENCE CORPORATION	05/07/2020
RECEIVING PARTY DATA	
Name:	VENTANA MEDICAL SYSTEMS, INC.
Street Address:	1910 INNOVATION PARK DRIVE
City:	TUCSON
State/Country:	ARIZONA
Postal Code:	85755
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16872158
CORRESPONDENCE DATA	
Fax Number:	(617)428-7045
<i>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.</i>	
Phone:	(617) 428-0200
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Address Line 1:	101 FEDERAL STREET
Address Line 2:	15TH FLOOR
Address Line 4:	BOSTON, MASSACHUSETTS 02110
ATTORNEY DOCKET NUMBER:	51264-002004
NAME OF SUBMITTER:	THOMAS J. TAKARA, PH.D.
SIGNATURE:	/Thomas J. Takara, Ph.D./
DATE SIGNED:	11/18/2020
Total Attachments: 16	
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Confirmatory Assignment

Ventana Medical Systems, Inc ("VMSI"), as successor in interest to Spring Bioscience Corporation ("Spring"), makes the following representations and confirmatory assignment as of 7 May 2020 (the "Date of Confirmation").

1. Spring Bioscience Corporation was dissolved as of 18 December 2019 (the "Date of Dissolution"). See the Certificate of Dissolution, attached as Exhibit A.
2. As of the Date of Dissolution, Kevin A Marks and Sean A. Johnston were directors of Spring.
3. As of the Date of Dissolution, Spring owned certain intellectual property, identified on the attached Exhibit B (the "Intellectual Property"), which is incorporated herein.
4. As of the Date of Dissolution, Spring was a wholly-owned subsidiary of VMSI.
5. As sole successor in interest to Spring, VMSI confirms that it is owner of the Intellectual Property and all other Spring assets as of the Date of Dissolution, and in its capacity as successor-in-interest to Spring, hereby assigns the Intellectual Property to VMSI.

VMSI makes this Confirmatory Assignment by its authorized signatory as of the Date of Confirmation.

Ventana Medical Systems, Inc.

A handwritten signature in black ink, appearing to read "K. Marks", written over a horizontal line.

Kevin A. Marks, Director



Exhibit A

Certificate of Dissolution

[Attached]

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01545346



Secretary of State
Certificate of Dissolution
(California Stock Corporation ONLY)

DISS STK

FILED
SECRETARY OF STATE
STATE OF CALIFORNIA

DEC 18 2019

IMPORTANT — Read Instructions before completing this form.

There is No Fee for filing a Certificate of Dissolution - Stock

Copy Fees — First page \$1.00; each attachment page \$0.50;
Certification Fee - \$5.00 plus copy fees

This Space For Office Use Only

1. Corporate Name (Enter the exact name of the Corporation as it is recorded with the California Secretary of State.)
Spring Bioscience Corporation

2. 7-Digit Secretary of State File Number

C2336541

3. Election

The dissolution was made by a vote of ALL of the shareholders of the California corporation.

Note: If the above box is not checked, a Certificate of Election to Wind Up and Dissolve (Form ELEC STK) must be filed prior to or together with this Certificate of Dissolution. (California Corporations Code section 1901.)

4. Debts and Liabilities

(Check the applicable statement. Only one box may be checked. If second box is checked, must include the required information in an attachment.)

The known debts and liabilities have been actually paid or paid as far as its assets permitted.

The known debts and liabilities have been adequately provided for in full or as far as its assets permitted by their assumption. Included in the attachment to this certificate, incorporated herein by this reference, is a description of the provisions made and the name and address of the person, corporation or government agency that has assumed or guaranteed the payment, or the depository institution with which deposit has been made.

The corporation never incurred any known debts or liabilities.

5. Required Statements (Do not alter the Required Statements — ALL must be true to file Form DISS STK.)

- a. The Corporation has been completely wound up and is dissolved.
- b. All final returns required under the California Revenue and Taxation Code have been or will be filed with the California Franchise Tax Board.
- c. The known assets have been distributed to the persons entitled thereto or the corporation acquired no known assets.

6. Read, Verify, Date and Sign Below (See Instructions for signature requirements.)

The undersigned is the sole director or a majority of the directors now in office. I declare under penalty of perjury under the laws of the State of California that the matters set forth in this certificate are true and correct of my own knowledge.

12/18/19
Date

Kevin A. Marks
Signature

Kevin A. Marks
Type or Print Name

12/18/19
Date

Sean A. Johnston
Signature

Sean A. Johnston
Type or Print Name

Date

Signature

Type or Print Name

DISS STK (REV 07/2019)

2019 California Secretary of State
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CA036 - 7/29/2019 Walters Kluwer Online

PATENT

REEL: 054411 FRAME: 0029



I hereby certify that the foregoing transcript of _____ page(s) is a full, true and correct copy of the original record in the custody of the California Secretary of State's office.

DEC 19 2019

Date: _____ *KM*

Alex Padilla

ALEX PADILLA, Secretary of State

PATENT

REEL: 054411 FRAME: 0030



Exhibit B

Intellectual Property

Country	First Filing / Priority Date	Application No.	Application Date	Patent Number	Grant Date	Publication No.	Publication Date	Title
AU - (Australia)	5/29/2014	2015265870	5/29/2015					Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand 1
AU - (Australia)	5/29/2014	2015265975	5/28/2015					ANTI-INDOLEAMINE 2,3-DIOXYGENASE 1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
AU - (Australia)	5/29/2014	2015265976	5/28/2015	2015265976	11/14/2019			Monoclonal Antibody (anti-B7-H3) that Specifically Binds to the B7-H3 Receptor
AU - (Australia)	7/11/2014	2015288232	5/29/2015			AU2015288232	3/2/2017	ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
AU - (Australia)	4/17/2015	2016249839	4/13/2016					Antibodies, compositions, and immunistochemistry methods for detecting C4 4a
AU - (Australia)	6/29/2015	2016288461	6/27/2016					MATERIALS AND METHODS FOR PERFORMING HISTOCHEMICAL ASSAYS FOR HUMAN PRO-EPHREGULIN AND AMPHIREGULIN
AU - (Australia)	9/22/2015	2016328357	9/20/2016					Anti-OX40 Antibodies and Diagnostic Uses Thereof
BR - (Brazil)	7/11/2014	BR112017000497-6	5/29/2015					ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES



CA - (Canada)	5/29/2014	2947932	5/29/2015				1	ANTH-Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand
CA - (Canada)	5/29/2014	2947650	5/28/2015				1	ANTH-INDOLEAMINE 2,3-DIOXYGENASE 1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
CA - (Canada)	5/29/2014	2947660	5/28/2015					Monoclonal Antibody (anti-B7-H3) that Specifically Binds to the B7-H3 Receptor
CA - (Canada)	7/11/2014	2954868	5/29/2015					ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
CA - (Canada)	4/17/2015	2982536	4/13/2016					Antibodies, compositions, and immunohistochemistry methods for detecting CA 4a
CA - (Canada)	6/29/2015	2990214	6/27/2016					MATERIALS AND METHODS FOR PERFORMING HISTOCHEMICAL ASSAYS FOR HUMAN PRO-EPHREGULIN AND AMPHIREGULIN
CA - (Canada)	9/22/2015	2999369	9/20/2016					Anti-OX40 Antibodies and Diagnostic Uses Thereof
CH - (Switzerland)	5/29/2014	15725043.2	5/29/2015	3149042	8/28/2019	3149042	4/5/2017	Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand
CN - (China P R)	7/11/2014	201580047724 4	5/29/2015			CN106604933A	4/26/2017	ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
DE - (Germany)	5/29/2014	15725043.2	5/29/2015	602015036684 0	8/28/2019	3149042	4/5/2017	Rabbit Monoclonal Antibody (Anti-PD-L1) that



DK - (Denmark)	5/29/2014	15725043.2	5/29/2015	3149042	8/28/2019	3149042	4/5/2017	Specifically Binds to the Programmed Death-ligand 1 Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand 1
EP - (European Patent Convention)	7/17/1998	99934769.3	7/14/1999	1098971	8/30/2006	1098971	5/16/2001	Myotilin, an actin-organizing protein 1
EP - (European Patent Convention)	5/29/2014	15725043.2	5/29/2015	3149042	8/28/2019	3149042	4/5/2017	Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand 1
EP - (European Patent Convention)	5/29/2014	15726920.0	5/28/2015	3149047		3149047	4/5/2017	ANTI-INDOLEAMINE 2,3-DIOXYGENASE 1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
EP - (European Patent Convention)	5/29/2014	15724692.7	5/28/2015	3149040		3149040	4/5/2017	Monoclonal Antibody (anti-B7-H3) that Specifically Binds to the B7-H3 Receptor
EP - (European Patent Convention)	7/11/2014	15728355.7	5/29/2015	3166974		3166974	5/17/2017	ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
EP - (European Patent Convention)	7/11/2014	17188907.4	5/29/2015	3309174		3309174	4/18/2018	ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
EP - (European Patent Convention)	4/17/2015	16715595.1	4/13/2016	3283522		3283522	2/21/2018	Antibodies, compositions, and immunohistochemistry methods for detecting CA 4a
EP - (European Patent Convention)	6/29/2015	16733457.2	6/27/2016	3313878		3313878	5/2/2018	MATERIALS AND METHODS FOR PERFORMING HISTOCHEMICAL ASSAYS FOR HUMAN PRO-EPHREGULIN AND



Patent No.	Country	Priority Date	Pub. No.	Pub. Date	Pub. No.	Pub. Date	Pub. No.	Pub. Date	Description
EP - (European Patent Convention)		6/29/2015	19153762 0	6/27/2016	3514174	7/24/2019	AMPHIREGULIN MATERIALS AND METHODS FOR PERFORMING HISTOCHEMICAL ASSAYS FOR HUMAN PRO-EPIREGULIN AND AMPHIREGULIN		
EP - (European Patent Convention)		9/14/2015	16763538 2	9/13/2016	3350225	7/25/2018	Anti-GP1NB Antibodies and Diagnostic Uses Thereof		
EP - (European Patent Convention)		9/22/2015	16766983 7	9/20/2016	3353206	8/1/2018	Anti-OX40 Antibodies and Diagnostic Uses Thereof		
ES - (Spain)		5/29/2014	15725043 2	5/29/2015	3149042	8/28/2019	3149042	4/5/2017	Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand
FAM - (Family)		7/11/2014		7/11/2014					1 ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
FR - (France)		5/29/2014	15725043 2	5/29/2015	3149042	8/28/2019	3149042	4/5/2017	Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand
GB - (Great Britain)		5/29/2014	15725043 2	5/29/2015	3149042	8/28/2019	3149042	4/5/2017	1 Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand
HK - (Hong Kong)		7/11/2014	17110686.9	5/29/2015			HK1236961	4/6/2018	ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
IL - (Israel)		7/11/2014	250032	5/29/2015					ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
IT - (Italy)		5/29/2014	502019000089693	5/29/2015	3149042	8/28/2019	3149042	4/5/2017	Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand



JP - (Japan)	5/29/2014	2017-514966	5/29/2015	6666905	2/26/2020	2017-518366	7/6/2017	1 Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand
JP - (Japan)	5/29/2014	2017-514957	5/28/2015	6605591	10/25/2019	2017-519816	7/20/2017	1 ANTI-INDOLEAMINE 2,3-DIOXYGENASE 1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
JP - (Japan)	5/29/2014	2017-514958	5/28/2015	6636016	12/27/2019	2017-524725	8/31/2017	Monoclonal Antibody (anti-B7-H3) that Specifically Binds to the B7-H3 Receptor
JP - (Japan)	7/11/2014	2017-501231	5/29/2015			2017-530691	10/19/2017	ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
JP - (Japan)	4/17/2015	2017-554283	4/13/2016			2018-515071	6/14/2018	Antibodies, compositions, and immunohistochemistry methods for detecting C4 4a
JP - (Japan)	9/22/2015	2018-514895	9/20/2016			2018-535649	12/6/2018	Anti-OX40 Antibodies and Diagnostic Uses Thereof
KR - (Republic of Korea)	7/11/2014	10-2017-7003488	5/29/2015					ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
MX - (Mexico)	7/11/2014	MX/a/2017/000419	5/29/2015					ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
MY - (Malaysia)	7/11/2014	PI2017000043	5/29/2015					ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
NZ - (New Zealand)	7/11/2014	728902	5/29/2015					ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
RU - (Russian Federation)	7/11/2014	2017103495	5/29/2015	2715038	2/21/2020	RU2017103495	8/14/2018	ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
RU - (Russian Federation)	7/11/2014							ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES



US - (Singapore)	7/11/2014	11201700207W	5/29/2015			SG11201700207W	2/27/2017	THEREOF ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
US - (United States)	9/11/2002	10/242088	9/11/2002	7148332	12/12/2006	US-2004-0142400-A1	7/22/2004	High affinity monoclonal antibody for recognizing the Estrogen Receptor (ER) and method for creating the antibody
US - (United States)	12/28/2007	61/017467	12/28/2007					Liquid coverslip and method and device for applying and removing coverslips
US - (United States)	12/28/2007	61/017394	12/28/2007					Antigen retrieval methods for immunohistochemistry
US - (United States)	12/28/2007	61/017414	12/28/2007					Microwave antigen retrieval in non-aqueous solvents
US - (United States)	9/11/2002	10/242092	9/11/2002	7569675 B2	8/4/2009	US-2004-0141965-A1	7/22/2004	High affinity monoclonal antibody for recognizing the Progesterone Receptor (PR) and method for creating the antibody
US - (United States)	3/21/2008	61/070439	3/21/2008					Dual method for performing in situ hybridization
US - (United States)	3/21/2008	61/070293	3/21/2008					Method of performing high density multiplex staining for in situ hybridization
US - (United States)	12/28/2007	61/009426	12/28/2007					Quality control cell device for immunohistochemistry assay and methods of use thereof
US - (United States)	12/28/2007	61/009420	12/28/2007					Positive control cell pellets for immunohistochemistry and methods of use thereof
US - (United States)	3/21/2008	61/070328	3/21/2008					Counterstaining method for dual-stain in situ hybridization
US - (United States)	12/28/2007	61/009360	12/28/2007					Calibrator quality control



States)	7								cell device for immunohistochemistry assay and methods of use thereof
US - (United States)	1/29/2008	61/062964	1/29/2008						Method for detecting truncated protein
US - (United States)	1/29/2008	12/865087	1/29/2009						Method for detecting truncated protein
US - (United States)	7/17/1998	60/093169	7/17/1998						Myotilin, an actin-organizing protein
US - (United States)	2/1/2010	61/337288	2/1/2010						Inverse expression of ERCC1 and K167/cyclin D1 revealed by a dual IHC
US - (United States)	5/29/2014	62/004572	5/29/2014						Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand 1
US - (United States)	5/29/2014	62/069420	10/28/2014						Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand 1
US - (United States)	5/29/2014	14/725953	5/29/2015	9885721	2/6/2018	US-2015-0346208-A1	12/3/2015		PD-L1 Antibodies and Uses Thereof
US - (United States)	5/29/2014	15/851513	12/21/2017			US-2018-0196055-A1	7/12/2018		PD-L1 ANTIBODIES AND USES THEREOF
US - (United States)	5/29/2014	62/004594	5/29/2014						Monoclonal Antibody (anti-IDO1) that Specifically Binds to IDO1
US - (United States)	5/29/2014	62/067742	10/23/2014						ANTI- INDOLEAMINE 2,3-DIOXYGENASE 1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
US - (United States)	5/29/2014	15/363832	11/29/2016	10436785	10/8/2019	US-2017-0146535-A1	5/23/2017		ANTI- INDOLEAMINE 2,3-DIOXYGENASE 1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
US - (United States)	5/29/2014	16/548756	8/22/2019			US-2019-0376973-A1	12/12/2019	9	ANTI- INDOLEAMINE 2,3-DIOXYGENASE 1



US - (United States)	5/29/2014	62/004605	5/29/2014				ANTIBODIES AND DIAGNOSTIC USES THEREOF Monoclonal Antibody (anti-B7-H3) that Specifically Binds to the B7-H3 Receptor Monoclonal Antibody (anti-B7-H3) that Specifically Binds to the B7-H3 Receptor	
US - (United States)	5/29/2014	62/082681	11/21/2014				ANTIBODIES AND DIAGNOSTIC USES THEREOF Anti-B7-H3 Antibodies and Diagnostic Uses Thereof	
US - (United States)	5/29/2014	15/363992	11/29/2016	10501544	12/10/2019	US-2017-0073416-A1	3/16/2017	ANTIBODIES AND DIAGNOSTIC USES THEREOF Anti-B7-H3 Antibodies and Diagnostic Uses Thereof
US - (United States)	5/29/2014	16/665359	10/28/2019			US-2020-0048353-A1	2/13/2020	ANTIBODIES AND DIAGNOSTIC USES THEREOF Anti-B7-H3 Antibodies and Diagnostic Uses Thereof
US - (United States)	7/11/2014	15/727388	10/6/2017			US-2018-0022809-A1	1/25/2018	ANTIBODIES AND DIAGNOSTIC USES THEREOF Anti-B7-H3 Antibodies and Diagnostic Uses Thereof
US - (United States)	7/11/2014							ANTIBODIES AND DIAGNOSTIC USES THEREOF Anti-B7-H3 Antibodies and Diagnostic Uses Thereof
US - (United States)	4/17/2015	62/149239	4/17/2015					ANTIBODIES, COMPOSITIONS, AND IMMUNOISTOCHEMISTRY METHODS FOR DETECTING C4a
US - (United States)	4/17/2015	15/782804	10/12/2017			US-2018-0031566-A1	2/1/2018	ANTIBODIES, COMPOSITIONS, AND IMMUNOISTOCHEMISTRY METHODS FOR DETECTING C4a
US - (United States)	6/29/2015	62/186251	6/29/2015					MATERIALS AND METHODS FOR PERFORMING HISTOCHEMICAL ASSAYS FOR HUMAN PRO-EPHREGLIN AND AMPHIREGLIN MATERIALS AND METHODS FOR PERFORMING
US - (United States)	6/29/2015	15/851502	12/24/2017			US-2018-0196057-A1	7/12/2018	MATERIALS AND METHODS FOR PERFORMING



HISTOCHEMICAL ASSAYS
FOR HUMAN PRO-
EPHREGULIN AND
AMPHIREGULIN

US - (United States)	9/14/2015	62/218464	9/14/2015				Anti-GPNMB Antibodies and Diagnostic Uses Thereof
US - (United States)	9/14/2015	15/920367	3/13/2018	US-2018-0208655-A1	7/26/2018		Anti-GPNMB Antibodies and Diagnostic Uses Thereof
US - (United States)	9/22/2015	62/222105	9/22/2015				Anti-OX40 Antibodies and Diagnostic Uses Thereof
US - (United States)	9/22/2015	15/921254	3/14/2018	US-2018-0208666-A1	7/26/2018		Anti-OX40 Antibodies and Diagnostic Uses Thereof
US - (United States)	3/8/2016	62/305440	3/8/2016				MULTIPLYING MULTIPLEXED IMMUNOHISTOCHEMISTRY USING RECOMBINANT ANTIBODIES WITH EPI TOPE TAGS
US - (United States)	3/8/2016	62/418667	11/7/2016				Multiplexed immunohistochemistry using recombinant antibodies with epitope tags
US - (United States)	3/10/2017	62/470182	3/10/2017				P504s ANTIBODIES AND DIAGNOSTIC USES THEREOF
WO - (Patent Cooperation Treaty)	12/28/2007	PCT/US08/088378	12/26/2008	WO 2009/086487	7/9/2009		Liquid coverslip and method and device for applying and removing coverslips
WO - (Patent Cooperation Treaty)	12/28/2007	PCT/US08/085836	12/8/2008	WO 2009/110936	9/11/2009		Antigen retrieval methods for immunohistochemistry
WO - (Patent Cooperation Treaty)	12/28/2007	PCT/US08/085834	12/8/2008	WO 2009/085574	7/9/2009		Microwave antigen retrieval in non-aqueous solvents
WO - (Patent Cooperation Treaty)	3/21/2008	PCT/US2009/001759	3/19/2009	WO 2009/117139	9/24/2009		Dual method for performing in situ hybridization
WO - (Patent Cooperation)	3/21/2008	PCT/US2009/001760	3/19/2009	WO 2009/117140	9/24/2009		Method of performing high density multiplex



Treaty)								staining for in situ hybridization
WO - (Patent Cooperation Treaty)	12/28/2007	PCT/US08/085833	12/8/2008	WO 2009/085574	7/9/2009			Quality control cell device for immunohistochemistry assay and methods of use thereof
WO - (Patent Cooperation Treaty)	12/28/2007	PCT/US08/085844	12/8/2008	WO 2009/085576	7/9/2009			Positive control cell pellets for immunohistochemistry and methods of use thereof
WO - (Patent Cooperation Treaty)	3/21/2008	PCT/US2009/001758	3/19/2009	WO 2009/117138	9/24/2009			Counterstaining method for dual-stain in situ hybridization
WO - (Patent Cooperation Treaty)	12/28/2007	PCT/US08/085841	12/8/2008	WO 2009/085575	7/9/2009			Calibrator quality control cell device for immunohistochemistry assay and methods of use thereof
WO - (Patent Cooperation Treaty)	1/29/2008	PCT/US09/032431	1/29/2009	WO 00/04145	1/27/2000			Method for detecting truncated protein
WO - (Patent Cooperation Treaty)	7/17/1998	PCT/FR99/00625	7/14/1999	WO 00/181342	12/3/2015			Myocilin, an actin-organizing protein
WO - (Patent Cooperation Treaty)	5/29/2014	PCT/EP2015/061921	5/29/2015	WO2015/181266	12/3/2015			Rabbit Monoclonal Antibody (Anti-PD-L1) that Specifically Binds to the Programmed Death-ligand 1
WO - (Patent Cooperation Treaty)	5/29/2014	PCT/EP2015/061776	5/28/2015	WO2015/181266	12/3/2015			ANTI-INDOLEAMINE 2,3-DIOXYGENASE 1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
WO - (Patent Cooperation Treaty)	5/29/2014	PCT/EP2015/061777	5/28/2015	WO2015/181267	12/3/2015			Monoclonal Antibody (anti-B7-H3) that Specifically Binds to the B7-H3 Receptor
WO - (Patent Cooperation Treaty)	7/11/2014	PCT/US2015/033395	5/29/2015	WO2016/007235	1/14/2016			ANTI-PD-L1 ANTIBODIES AND DIAGNOSTIC USES THEREOF
WO - (Patent Cooperation Treaty)	4/17/2015	PCT/EP2016/058135	4/13/2016	WO2016/166169	10/20/2016			Antibodies, compositions, THEREOF



Cooperation
Treaty)

6

and
immunohistochemistry
methods for detecting

WO - (Patent
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6/29/2015

PCT/EP2016/064883

6/27/2016

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1/5/2017

CA 4a
MATERIALS AND
METHODS FOR
PERFORMING
HISTOCHEMICAL ASSAYS
FOR HUMAN PRO-
EPHIREGULIN AND
AMPHIREGULIN

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Anti-GPNNB Antibodies
and Diagnostic Uses
Thereof
Anti-OX40 Antibodies and
Diagnostic Uses Thereof

ZA - (South Africa)

7/11/2014

2017/00832

5/29/2015

ANTI-PD-L1 ANTIBODIES
AND DIAGNOSTIC USES
THEREOF

PATENT

REEL: 054411 FRAME: 0041

ACKNOWLEDGMENT

United States of America

State of California)

) ss.

County of Alameda)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

On May 18, 2020 before me, Stephanie Schulman
Notary Public for the State of California, personally appeared Kevin Marks

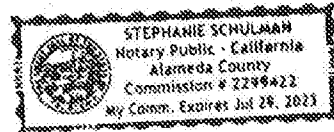
who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Handwritten Signature]

(Seal)



Notary Public