PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4835464

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the ASSIGNEE'S NAME previously recorded on Reel 044841 Frame 0203. Assignor(s) hereby confirms the THE CORRECT SPELLING IS IGM BIOSCIENCES A/S.

CONVEYING PARTY DATA

Name	Execution Date
IGM BIOSCIENCES, INC.	12/29/2017

RECEIVING PARTY DATA

Name:	IGM BIOSCIENCES A/S
Street Address:	HALDOR TOPSØES ALLÉ 1
Internal Address:	2800 KGS.
City:	LYNGBY
State/Country:	DENMARK

PROPERTY NUMBERS Total: 29

Property Type	Number
Application Number:	11267935
Application Number:	13763398
Application Number:	13770619
Application Number:	14916166
Application Number:	15117432
Application Number:	15301366
Application Number:	15452616
Application Number:	15544873
Application Number:	15554301
Application Number:	15560905
Application Number:	15638748
Application Number:	61633330
Application Number:	61874277
Application Number:	61874284
Application Number:	61937984
Application Number:	61974738
Application Number:	62105323
Application Number:	62128284
Application Number:	62137881

PATENT

REEL: 045415 FRAME: 0858 504788732

Property Type	Number
Application Number:	62149460
Application Number:	62235486
Application Number:	62235518
Application Number:	62333643
Application Number:	62364758
Application Number:	62364760
Application Number:	62364762
Application Number:	62364763
Application Number:	62479161
Application Number:	62483087

CORRESPONDENCE DATA

Fax Number: (314)667-3633

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: 3145526000

Email: ipdocketclerks@thompsoncoburn.com

Correspondent Name: THOMPSON COBURN LLP Address Line 1: ONE US BANK PLAZA

Address Line 4: ST. LOUIS, MISSOURI 63101

NAME OF SUBMITTER: ELIZABETH J. HAANES	
SIGNATURE:	/Elizabeth J. Haanes, Reg. No. 42,613/
DATE SIGNED:	02/22/2018

Total Attachments: 14

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4811300

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IGM BIOSCIENCES, INC	12/29/2017

RECEIVING PARTY DATA

Name:	ICM BISOSCIENCES A/S IGM BIOSCIENCES A/S	
Street Address:	HALDOR TOPSØES ALLÉ 1	
Internal Address:	2800 KGS.	
City:	LYNGBY	
State/Country:	DENMARK	

PROPERTY NUMBERS Total: 29

Property Type	Number
Application Number:	62149460
Application Number:	15560905
Application Number:	62137881
Application Number:	62105323
Application Number:	15638748
Application Number:	15544873
Application Number:	15554301
Application Number:	62128284
Application Number:	62364763
Application Number:	62364762
Application Number:	62364760
Application Number:	62364758
Application Number:	62483087
Application Number:	61874277
Application Number:	61874284
Application Number:	14916166
Application Number:	61937984
Application Number:	15117432
Application Number:	15301366
Application Number:	61974738

PATENT

REEL: 045415 FRAME: 0860

ASSIGNMENT OF PATENT RIGHTS

This Assignment is effective <u>Vector 29,207</u> between IGM Biosciences, Inc and IGM Biosciences A/S.

WHEREAS IGM Biosciences, Inc., a corporation of Delaware, having its principal office and place of business at 325 E. Middlefield Rd, Mountain View, CA 94043, USA ("ASSIGNOR"), owns rights in the patents and patent applications set forth in Schedule A (the "Patent Rights"); and

WHEREAS IGM Biosciences A/S (company registration number (CVR no.) 39 12 36 49), a corporation of Denmark, having its principal office and place of business at Haldor Topsøes Allé 1, 2800 Kgs. Lyngby, Denmark ("ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title, and interest in and to said Patent Rights.

THEREFORE, in consideration of the sum of one United States dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby assigns to ASSIGNEE its entire right, title and interest in and to said Patent Rights and improvements as the same are disclosed in said Patent Rights, in and to any and all letters patent(s) and applications filed therefor, including provisionals, non-provisionals, divisionals, continuations, reissues, reexaminations, and extensions to be obtained therefor in the United States and all foreign countries, including all priority rights and all rights to claim priority; and ASSIGNOR further agrees to cooperate with ASSIGNEE hereunder in the obtaining and sustaining of any and all such Letters Patent(s) as ASSIGNEE may desire to apply for.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Patent Rights to ASSIGNEE in accordance with this Assignment.

ASSIGNOR hereby authorizes and requests the attorneys of record in said Patent Rights to insert in this Assignment the serial number, filing date, and date of execution of any items of said Patent Rights for the purposes of recording this Assignment.

For said consideration, ASSIGNOR hereby agrees, upon the request of ASSIGNEE, to execute any provisional, non-provisional, divisional, continuation, continuation-in-part, or substitute application for said Patent Rights, and any oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon said Patent Rights, and, in the event of any application or letters patent of the Patent Rights becoming involved in an interference, opposition, post-grant review, inter-partes review, litigation, or any other proceeding in the United States or any foreign country, to cooperate to the best of its ability in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. ASSIGNOR agrees to perform, upon request, any affirmative acts to obtain letters patents from the Patent Rights and vest in ASSIGNEE all rights therein, whereby said Patent Rights will be held and enjoyed by ASSIGNEE, to the full end of the term for which said Patent Rights may be granted as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this Assignment had not been made.

And for said consideration, ASSIGNOR hereby assigns to ASSIGNEE its entire right, title and interest in said Patent Rights for all foreign countries, including all priority rights, and agrees to execute, at the request of ASSIGNEE, all documents in connection with any application for foreign letters patent within the Patent Rights.

This Assignment may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Assignment by facsimile or in electronic (i.e., "pdf" or "tif") format shall be effective as delivery of a manually executed counterpart of this Assignment.

IN WITNESS WHEREOF, I have I	nereunto set my hand the 244 day of
	ASSIGNOR:
	IGM Biosciences, Inc.
	By: Name: Fred M. Schwarzer Title: CEO
Only if required by local law:	•
STATE OF CALIFORNIA County of Janta Janes On 200 Market 19, 20 February	Sanda L GALC 2
Notary Public, personally appeared the basis of satisfactory evidence to be the within instrument and acknowledged to me	who proved to me on person(s) whose name(s) is/are subscribed to the that he/she/they executed the same in(his/her/their heir signature(s) on the instrument the person(s), or
I certify under PENALTY OF PERJURY uforegoing paragraph is true and correct	ander the laws of the State of California that the
WITNESS my hand and official seal.	SANDRA L. FOSTER Commission * 2055530 Notary Public - California Santa Clara County My Comm. Expires Jan 29, 2018
Signature of Notary	(Affix seal here)

IN WITNESS WHEREOF, I have	hereunto set my hand the	29	day of
	ASSIGNEE:		
	IGM Biosciences A/S	4	s*
	By: Name: Hans Kornerup Title: CEO		***************************************
**************************************	By: Name: Jakob Haldor Tops Title: Chairman of the Box		

SCHEDULE A

Patents

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Title.	Country	Status	Filed Date	App. No.	Grant Date	Patent No.
MULTI-VALENT	Australia	Application	2016-04-15	2016249404		
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VIRUS ANTIGEN						,
BINDING MOLECULES						
AND USES THEREOF						
MULTI-VALENT	Canada	Application	2016-04-15	2983034		
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VIRUS ANTIGEN						
BINDING MOLECULES						
AND USES THEREOF						
MULTI-VALENT	China	Application	2016-04-15	Natl. phase of		
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IMMUNODEFICIENCY				27979 (to be		
VIRUS ANTIGEN				assigned)		
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MULTI-VALENT	European	Application	2016-04-15	16780944.1		
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MULTI-VALENT	Japan	Application	2016-04-15	2017-554329		
HUMAN	Japan	Application	2010-04-13	2017 334323		
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AND USES THEREOF						
MULTI-VALENT	Patent	Closed	2016-04-15	PCT/US2016/0		
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IMMUNODEFICIENCY	n Treaty					
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AND USES THEREOF						
MULTI-VALENT	United	Expired	2015-04-17	62/149460		
HUMAN	States of					,
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MULTI-VALENT	United States of	Application	2016-04-15	15/566,485		
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MUTIVALENT		Application	2016-03-25	2016238246		
MULTI-VALENT HEPATITIS B VIRUS	Australia	Application	2010-03-23	2010230240		
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MULTI-VALENT	Canada	Application	2016-03-25	2980751		•
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MULTI-VALENT	China	Application	2016-03-25	Natl. Phase of		, i
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MULTI-VALENT	European Patent	Application	2016-03-25	10/09812.3		
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MULTI-VALENT	Japan	Application	2016-03-25	2017-549723		
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MULTI-VALENT	Korea,	Application	2016-03-25	10-2017-		
HEPATITIS B VIRUS	Republic of			7030451		
ANTIGEN BINDING	(KR)					
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USES THEREOF				2000100		
MULTI-VALENT	Patent	Closed	2016-03-25	PCT/US2016/0		
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MULTI-VALENT	United	Application	2016-03-25	15/560905		
HEPATITIS B VIRUS	States of					
ANTIGEN BINDING	America					
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TUMOR NECROSIS	Australia	Application	2016-01-20	2016209324		
FACTOR (TNF)						
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RECEPTOR BINDING						1
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USES THEREOF	Canada	Application	2016-01-20	2,972,990		
TUMOR NECROSIS	Canada	Application	2010-01-20	2,972,990		
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TUMOR NECROSIS	China	Application	2016-01-20	201680006321.		
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TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND	European Patent	Application	2016-01-20	16740686.7		
USES THEREOF						
TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND	India	Application	2016-01-20	201737020527		
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TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF	Japan	Application	2016-01-20	2017-556795.		
TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF	Korea, Republic of (KR)	Application	2016-01-20	10-2017- 7022773		
TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF	New Zealand	Application	2016-01-20	732922		
TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF	Patent Cooperatio n Treaty	Closed	2016-01-20	PCT/US2016/0 14153		
TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF	Singapore	Application	2016-01-20	11201705116S		
TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF	United States of America	Expired	2015-01-20	62/105323		
TUMOR NECROSIS FACTOR (TNF) SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOF	United States of America	Application	2016-01-20	15/544,873		

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FACTOR (TNF) States of SUPERFAMILY RECEPTOR BINDING MOLECULES AND USES THEREOR	12 12 to 12 10 10 10 10 10 10 10 10 10 10 10 10 10					Date	
FACTOR (TNF) Stutes of SUPERFAMILY RECEPTOR BINDING Molecules AND USES THEREOF	TUMOR NECROSIS	United	Application	2017-06-30	15/638748		
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Title	Country	Status	Filed Date	App. No.	Grant	Patent No.
MULTIMERIC GITR BINDING MOLECULES	Patent Cooperatio	Application	2017-07-20	PCT/US2017/0 43166	Date	
AND USES THEREOF MULTIMERIC GITR BINDING MOLECULES	n Treaty United States of	Expired	2016-07-20	62/364762		
AND USES THEREOF	America					
MULTIMERIC CD137/4- 1BB BINDING MOLECULES AND USES THEREOF	Patent Cooperatio n Treaty	Application	2017-07-19	PCT/US2017/0 42931		
MULTIMERIC CD137/4- 1BB BINDING MOLECULES AND USES THEREOF	United States of America	Expired	2016-07-20	62/364760		
MULTIMERIC CD40 BINDING MOLECULES AND USES THEREOF	Patent Cooperatio n Treaty	Application	2017-07-19	PCT/US2017/0 42933		
MULTIMERIC CD40 BINDING MOLECULES AND USES THEREOF	United States of America	Expired	2016-07-20	62/364758		
MODIFIED HUMAN IGM CONSTANT REGIONS FOR MODULATION OF COMPLEMENT- DEPENDENT CYTOLYSIS EFFECTOR FUNCTION	United States of America	Application	2017-04-07	62/483087		
FUNCTION						
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	Australia	Application	2014-09-04	2014332458		***
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	Brazil	Application	2014-09-04	BR112016004 768-0		
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	Canada	Application	2014-09-04	2,922,830		
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	China	Application	2014-09-04	201480051238.		
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	European Patent	Application	2014-09-04	14766628.3		

Title	Country	Status	Filed Date	App. No.	Grant Date	Patent No.
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	India	Application	2014-09-04	201647010705		
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	Japan	Application	2014-09-04	2016-540383		
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	Korea, Republic of (KR)	Application	2014-09-04	10-2016- 7007082		
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA- AND HEXAVALENT IG-M ANTIBODIES	Patent Cooperatio n Treaty	Closed	2014-09-04	PCT/US2014/0 54079		
CONSTANT CHAIN MODIFIED BISPECIFIC, PENTA-AND HEXAVALENT IG-M ANTIBODIES	United States of America	Application	2014-09-04	14/916,166		
BINDING MOLECULES	United States of America	Expired	2013-09-05	61/874,277		,
BINDING MOLECULES	United States of America	Expired	2013-09-05	61/874,284		
IGA MULTI-SPECIFIC BINDING MOLECULES	Australia	Application	2015-02-10	2015213593		
IGA MULTI-SPECIFIC BINDING MOLECULES	Brazil	Application	2015-02-10	BR112016018 313-4		
IGA MULTI-SPECIFIC BINDING MOLECULES	Canada	Application	2015-02-10	2,939,191		
IGA MULTI-SPECIFIC BINDING MOLECULES	China	Application	2015-02-10	201580007952. 9		
IGA MULTI-SPECIFIC BINDING MOLECULES	European Patent	Application	2015-02-10	15706611.9		
MULTI SPECIFIC IGA BINDING MOLECULES	Hong Kong	Application	2016-08-11	17104620.1		
IGA MULTI-SPECIFIC BINDING MOLECULES	India	Application	2015-02-10	201647030490		
IGA MULTI-SPECIFIC BINDING MOLECULES	Japan	Application	2015-02-10	2016-568481		
IGA MULTI-SPECIFIC BINDING MOLECULES	Korea, Republic of (KR)	Application	2015-02-10	10-2016- 7024677		
IGA MULTI-SPECIFIC BINDING MOLECULES	Patent Cooperatio n Treaty	Closed	2015-02-10	PCT/US2015/0 15268		

Title	Country	Status	Filed Date	App. No.	Grant Date	Patent No.
IGA MULTI-SPECIFIC BINDING MOLECULES	United States of America	Application	2015-02-10	15/117,432	Date	
MULTI SPECIFIC IGA BINDING MOLECULES	United States of America	Expired	2014-02-10	61/937,984		
MODIFIED J-CHAIN	Australia	Application	2015-04-02	2015240595		
MODIFIED J-CHAIN	Brazil	Application	2015-04-02	BR112016022 841-3		
MODIFIED J-CHAIN	Canada	Application	2015-04-02	2,944,647		
MODIFIED J-CHAIN	China	Application	2015-04-02	201580018643. 1		
MODIFIED J-CHAIN	European Patent	Application	2015-04-02	15718304.7		
MODIFIED J-CHAIN	India	Application	2015-04-02	201647037003		
MODIFIED J-CHAIN	Israel	Application	2015-04-02	248151		
MODIFIED J-CHAIN	Japan	Application	2015-04-02	2016-560487		
MODIFIED J-CHAIN	Korea, Republic of (KR)	Application	2015-04-02	10-2016- 7030462		
MODIFIED J-CHAIN	Mexico	Application	2015-04-02	MX/a/2016/01 2880		
MODIFIED J-CHAIN	New Zealand	Application	2015-04-02	725568		
MODIFIED J-CHAIN	Patent Cooperatio n Treaty	Closed	2015-04-02	PCT/US2015/0 24149		
MODIFIED J-CHAIN	Russian Federation	Application	2015-04-02	2016141579		
MODIFIED J-CHAIN	Singapore	Application	2015-04-02	11201608194V		
MODIFIED J-CHAIN	South Africa	Application	2015-04-02	2016/06906		
MODIFIED J CHAIN	United States of America		2017-03-07	15/452616		
MODIFIED J-CHAIN	United States of America	Application	2015-04-02	15/301,366		
MODIFIED J CHAIN	United States of America	Expired	2014-04-03	61/974,738		
BINDING MOLECULES WITH MODIFIED J- CHAIN	Patent Cooperatio n Treaty	Published	2016-09-30	PCT/US2016/0 55053		

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BINDING MOLECULES WITH MODIFIED J- CHAIN	United States of America	Expired	2015-09-30	62/235,486		
BINDING MOLECULES WITH MODIFIED J- CHAIN	Patent Cooperatio n Treaty	Published	2016-09-30	PCT/US2016/0 55041		
BINDING MOLECULES WITH MODIFIED J- CHAIN	United States of America	Expired	2015-09-30	62/235,518		
ANTI-PD-L1 ANTIBODIES	Patent Cooperatio n Treaty	Application	2017-05-09	PCT/US2017/0 31791		
ANTI-PD-L1 ANTIBODIES	United States of America	Expired	2016-05-09	62/333,643		
ANTIBODY MOLECULE VARIANTS	United States of America	Application	2017-03-30	62/479161		
Antibody Induced Cell Membrane Wounding	Austria	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	Denmark	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	European Patent	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	Finland	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	Germany (Federal Republic of)	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	Italy	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	Netherland s	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	Patent Cooperatio n Treaty	Expired	2005-11-04	PCT/US2005/0 39762		
Antibody Induced Cell Membrane Wounding	Sweden	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	United Kingdom	Granted	2005-11-04	05818169.4	2015- 08-19	1814913
Antibody Induced Cell Membrane Wounding	United States of America	Granted	2005-11-04	11/267,935	2013- 02-19	8377435
Antibody Induced Cell Membrane Wounding	United States of America	Granted	2013-02-19	13/770,619	2016- 10-04	9458241
Antibody Induced Cell Membrane Wounding	United States of America	Expired	2004-11-05	60/625,398		
CDIM Binding Proteins and Uses Thereof	Australia	Granted	2013-02-08	2013200903	2015- 08-27	2013200903

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CDIM Binding Proteins and Uses Thereof	Brazil	Published	2013-02-08	BR112014019 45.9		
CDIM Binding Proteins and Uses Thereof	Canada	Application	2013-02-08	2863714		
CDIM Binding Proteins and Uses Thereof	China	Granted	2013-02-08	201380008515. X	2017- 04-26	ZL201380008515.X
CDIM Binding Proteins and Uses Thereof	European Patent	Published	2013-02-08	13713588.5		
CDIM Binding Proteins and Uses Thereof	Hong Kong	Application	2013-02-08	15105490.7		
CDIM Binding Proteins and Uses Thereof	India	Application	2013-02-08	1781/MUMNP /2014		
CDIM Binding Proteins and Uses Thereof	Japan	Application	2013-02-08	2014-556751		
CDIM Binding Proteins and Uses Thereof	Korea, Republic of (KR)	Application	2013-02-08	10-2014- 7025110		
CDIM Binding Proteins and Uses Thereof	Mexico	Application	2013-02-08	MX/a/2014/00 9628		
CDIM Binding Proteins and Uses Thereof	Patent Cooperatio n Treaty	Expired	2013-02-08	PCT/US2013/0 25430		
CDIM Binding Proteins and Uses Thereof	Taiwan	Granted	2013-02-08	102105337		
CDIM Binding Proteins and Uses Thereof	United States of America	Granted	2013-02-08	13/763,398	2016- 08-09	9409976
CDIM Binding Proteins and Uses Thereof	United States of America	Expired	2012-02-08	61/633,330		