

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT3939115

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BOEHRINGER INGELHEIM INTERNATIONAL GMBH	04/22/2016
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	19034
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14132877
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<b>SIGNATURE:</b>	/Steven G. Davis/
<b>DATE SIGNED:</b>	06/28/2016
<b>Total Attachments: 7</b>	
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consideration to execute and deliver, or use commercially reasonable efforts to cause to be executed and delivered, all documents as may reasonably be necessary to secure the vesting in Assignee of all rights assigned to Assignee by this Assignment, including without limitation any documents required to record this Assignment with local patent offices.

IN WITNESS WHEREOF, each of the parties hereto has executed this Patent Assignment, or has caused this Patent Assignment to be executed on its behalf by a representative duly authorized, all as of the date first above set forth.

BOEHRINGER INGELHEIM INTERNATIONAL GMBH

ppa. E. Simon

Name: Dr. Elke SIMON

Title: Managing Director

BOEHRINGER INGELHEIM INTERNATIONAL GMBH

ppa. [Signature]

Name: Dr. Markus WEYMANN

Title: Managing Director

VITAE PHARMACEUTICALS, INC.

By: [Signature]

Name: Richard E. Gregg, M.D.  
Title: Chief Scientific Officer

Assigned Patent Rights

Schedule A

SI Ref.	Verse Ref.	McCartor Ref.	Application #	Filing Date	Publication #	Publ. Date	Matter Type	Country	Status	Grant Date	Patent Number
P02-0363/APR1	100-2081G-AP	120573-00227	APP 20110009313	12-Mar-10			Unity- NSPCT	AP	Abandoned	31-Mar-14	AP2866
P02-0363/APR1	100-2081G-AR	120573-00223	P 10 0100774	9-Mar-10	AR 075854	4-May-11	Unity- CRG	AR	Abandoned		
P02-0363/AUT1	100-2081G-AU	120573-00224	2010223937	12-Mar-10			Unity- NSPCT	AU	Issued	7-May-15	2010223937
P02-0363/BE1	100-2081G-BE	120573-00227	107086845	12-Mar-10			Unity- EPPAT	BE	Issued	23-Dec-15	2406240
P02-0363/BR1	100-2081G-BR	120573-00228	P1009333-9	12-Mar-10			Unity- NSPCT	BR	Pending		
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P02-0363/CH1	100-2081G-CH	120573-00287	107086845	12-Mar-10			Unity- EPPAT	CH	Resolving		
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P02-0363/CN1	100-2081G-CN	120573-00228	201080011490 5	12-Mar-10			Unity- NSPCT	CN	Issued	4-Feb-15	50859
P02-0363/CO1	100-2081G-CO	120573-00229	11136 105	12-Mar-10			Unity- NSPCT	CO	Abandoned	31-Mar-15	201080011490 5
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P02-0363/EA1	100-2081G-EA	120573-00224	110943	12-Mar-10			Unity- NSPCT	EA	Issued	27-Feb-15	26875
P02-0363/EP1	100-2081G-EP	120573-00223	2011-01026	12-Mar-10			Unity- NSPCT	EP	Abandoned		
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P02-0363/ZZ1	100-2081G-ZZ	120573-00223	107086845	12-Mar-10			Unity- EPPAT	ZZ	Abandoned		
P02-0363/NG1	100-2081G-NG	120673-00223	NG/C/2011/018	12-Mar-10			Unity- NSPCT	NG	Issued	15-Aug-13	NG/C/2011/018











Assigned Patent Rights

Schedule A

P02-04161JL1	100-60948-IL	120573-00542	236963	26-Aug-13			Utility- NSPCT	IL	Pending	
P02-04161RM1	100-60948-IR	120573-00540	113703ELRP/2015	26-Aug-13			Utility- NSPCT	IR	Pending	
P02-04161JP1	100-60948-JP	120573-00543	2015-529886	26-Aug-13	2015-529666	8-Oct-15	Utility- NSPCT	JP	Pending	
P02-04161KR1	100-60948-KR	120573-00546	10-2015-7007472	26-Aug-13	10-2015-0046270	29-Aug-15	Utility- NSPCT	KR	Pending	
P02-04161MA1	100-60948-MA	120573-00550	PV37955	26-Aug-13			Utility- NSPCT	MA	Pending	
P02-04161MD1	100-60948-MD	120573-00549	5932	26-Aug-13			Utility- NSPCT	MD	Pending	
P02-04161MX1	100-60948-MX	120573-00548	MX/A/2015/002570	26-Aug-13			Utility- NSPCT	MX	Pending	
P02-04161MY1	100-60948-MY	120573-00547	P2015000343	26-Aug-13			Utility- NSPCT	MY	Pending	
P02-04161NG1	100-60948-NG	120573-00553	FR/2015/00355	26-Aug-13			Utility- NSPCT	NG	Pending	
P02-04161NZ1	100-60948-NZ	120573-00555	704254	26-Aug-13			Utility- NSPCT	NZ	Pending	
P02-04161OA1	100-60948-OA	120573-00551	12015000852	26-Aug-13			Utility- NSPCT	OA	Pending	
P02-04161PE1	100-60948-PE	120573-00556	000250-2015	26-Aug-13		15-Jun-15	Utility- NSPCT	PE	Pending	
P02-04161PH1	100-60948-PH	120573-00557	1-2015-500420	26-Aug-13			Utility- NSPCT	PH	Pending	
P02-04161PK1	100-60948-PK	120573-00558	58173013	22-Aug-13			Utility- ORG	PK	Pending	
P02-04161SG1	100-60948-SG	120573-00552	11201500526V	26-Aug-13			Utility- NSPCT	SG	Pending	
P02-04161TH1	100-60948-TH	120573-00554	1301001010	26-Aug-13			Utility- NSPCT	TH	Pending	
P02-04161TM1	100-60948-TM	120573-00553	TN20150032	26-Aug-13			Utility- NSPCT	TM	Pending	
P02-04161TW1	100-60948-TW	120573-00555	102130210	23-Aug-13		16-Jun-14	Utility- ORG	TW	Pending	
P02-04161UA1	100-60948-UA	120573-00560	8201501699	26-Aug-13			Utility- NSPCT	UA	Pending	
P02-04161US1	100-60948-US	120573-00550	61693512	27-Aug-12			Prop- ORG	US	Expired	
P02-04161US2	100-60948-US	120573-00502	61758839	15-Mar-13			Prop- ORG	US	Expired	
P02-04161US3	100-60948-US	120573-00503	617616438	26-Apr-13			Prop- ORG	US	Expired	
P02-04161US4	100-60948-US	120573-00504	142011183	27-Aug-13			Utility- ORG	US	Issued	28-Apr-15 9018391
P02-04161US5	100-60948-US	120573-00505	14662563	19-Mar-15			Utility- CON	US	Pending	
P02-04161UY1	100-60948-UY	120573-00568	34991	26-Aug-13			Utility- ORG	UY	Pending	
P02-04161VE1	100-60948-VE	120573-00558	2013-001075	26-Aug-13			Utility- ORG	VE	Pending	
P02-04161VN1	100-60948-VN	120573-00578	1-2015-00869	26-Aug-13			Utility- NSPCT	VN	Pending	
P02-04161WO1	100-60948-WO	120573-00522	PCT/15/1356566	26-Aug-13			Utility- ORG	WO	Completed	
P02-04161ZA1	100-60948-ZA	120573-00556	2015005577	26-Aug-13			Utility- NSPCT	ZA	Pending	