To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Names of conveying party(ies)/Execution Date(s): 1. OREST W. BLASCHUK 2. BARBARA J. GOUR 3. JANES MATTHEW SYMONDS 4. STEPHEN BYERS Execution Dates: 1. PEBRUARY 14, 2005	FORM PTO-1595 (Rev. 03/05) RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
1. Names of conveying party(ies)/Execution Date(s): 1 OREST W. BLASCHUK 2 BARBARA J. GOUR 3 JAMES MATTHEW SYMONDS 4 STEPHEN BYERS Execution Dates: 1 FEBRUARY 12, 2005	PATENT	S ONLY		
1) OREST W. BLASCHUK 2) BARBARA J. GOUR 3) JAMES MATTHEW SYMONDS 4) STEPHEN BYERS Execution Dates: 1) FEBRUARY 14, 2005 5 3) MAY 5, 2005 6 3) MAY 6, 2005 7 4) Additional name(e) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Additional names & addresses attached? Yes No 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Additional names & addresses attached? Yes No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No(s). 11/003, 150 Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: Seed Intellectual Property Law Group PILC Internal Address: JEFFREY HUNDLEY, Ph.D. PATENT AGENT Authorized to be charged by credit card. Street Address: 701 Fifth Avenue. Suite 6300 City: Seattle State: WA ZIP: 98104-7092 Phone Number: 206-682-6031 Email Address: ieffh@SeedIP.com Popping Intomation 19-1090 Authorized User Name 19-1090 Jeft Hundley, Ph.D. P.D. Patternation Pat	To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.		
2) BARBARA J. GOUR 3) JAMES MATTHEW SYMONDS 4) STEPHEN BYERS Execution Dates: 1) FEBRUARY 14, 2005	Names of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies):		
3) JAMES MATTHEW SYMONDS 4) STEPHEN BYERS Execution Dates: 1) FEBRUARY 12, 2005 2) FEBRUARY 13, 2005 3) MAY 5, 2006 6) Street Address: 615 LEGGET DRIVE, SUITE 800 Additional name(s) of conveying party(ies) attached? □ Yes ☒ No 3. Nature of conveyance: ☐ Assignment □ Merger ☐ Security Agreement □ Change of Name ☐ Joint Research Agreement □ Change of Name ☐ Government Interest Assignment ☐ Executive Order 9424, Confirmatory License ☐ Other 4. Application or patent number(s): □ This document is being filed together with a new application. A Patent Application No(s). 11/003,150 Additional numbers attached? □ Yes ☒ No 5. Name and address to whom correspondence concerning document should be mailed: Name: Seed Intellectual Property Law Group PLIC Internal Address: JEFREY HUNDLEY, PH.D. PATENT AGENT Street Address: 701 Fifth Avenue, Suite 6300 City: Seattle State: WA ZIP: 98104-7092 Phone Number: 206-622-4900 Fax Number: 206-622-4900 Fax Number: 206-632-6031 Email Address: ieffh@SeedIP.com 9. Statement and signature. To the best of my knowledge and beliet, the foregoing Information is true and correct and any attached copy is		Name: ADHEREX TECHNOLOGIES, INC.		
Execution Dates: FEBRUARY 11, 2005	3) JAMES MATTHEW SYMONDS	Internal Address: C/O LABARGE WEINSTEIN LLP		
1) FEBRUARY 14, 2005 4) FEBRUARY 15, 2005 5 3) MAY 6, 2005 6) Street Address: 616 LEGGET DRIVE, SUITE 800. Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment	4) STEPHEN BYERS			
2) FEBRUARY 14, 2005 6 Street Address: 616 LEGGET DRIVE, SUITE 800 Additional name(s) of conveyance: Assignment				
Street Address: Street Add	2) <u>FEBRUARY 14, 2005</u> 5)			
3. Nature of conveyance:	,	Street Address: <u>515 LEGGET DRIVE</u> , SUITE 800		
Security Agreement Change of Name State: ONTARIO Joint Research Agreement Country: CANADA Zip K2K 3G4 Government Interest Assignment Executive Order 9424, Confirmatory License Other Application or patent number(s): This document is being filed together with a new application. A. Patent Application No(s). B. Patent No(s). 11/003,150 Additional numbers attached? Yes No Name: Seed Intellectual Property Law Group PLC Internal Address: JEFFREY HUNDLEY, PH.D. PATENT AGENT Authorized to be charged by credit card. State: WA ZIP: 98104-7092 Phone Number: 206-622-4900 Enclosed None required (government interest not affecting title) State: WA ZIP: 98104-7092 Email Address: jeffn@SeedIP.com Expiration Date b. Deposit Account Number 19-1090 Authorized User Name Jeff Hundley, Ph.D. 9. Statement and signature. To the best of my knowledge and belief, the foregoing Information is true and correct and any attached copy is	Additional name(s) of conveying party(ies) attached? Yes X No			
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Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Additional names & addresses attached? Yes ⊠ No Other	1 = _	į		
Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): Application No(s). 11/003,150 Additional numbers attached? Additional number of applications and patents involved Additional names & addresses attached? Yes No 6. Total number of applications and patents involved 1 Authorized to be charged by credit card. Authorized to be charged by credit card. Authorized to be charged to deposit account. Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 19-1090 Authorized User Name 4 Jeff Hundley, Ph.D. Statement and signature. To the best of my knowledge and belief, the foregoing Information is true and correct and any attached copy is		!		
Executive Order 9424, Confirmatory License Additional names & addresses attached? Yes ⊠ No	<u> </u>	Country: <u>CANADA</u> Zip <u>K2K 3G4</u>		
Other		Additional names & addresses attached?		
A. Patent Application No(s). 11/003,150 Additional numbers attached? Yes No 5. Name and address to whom correspondence concerning document should be mailed: Name: Seed Intellectual Property Law Group PLLC Internal Address: JEFFREY HUNDLEY, PH.D PATENT AGENT Street Address: 701 Fifth Avenue, Suite 6300 City: Seattle State: WA ZIP: 98104-7092 Phone Number: 206-622-4900 Fax Number: 206-682-6031 Email Address: jeffh@SeedIP.com 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is	I = -	Additional names & addresses attached?		
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Additional numbers attached?	A. Patent Application No(s).	B. Patent No(s).		
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Internal Address:	concerning document should be mailed:	patents involved1		
Authorized to be charged to deposit account. Street Address: 701 Fifth Avenue, Suite 6300 City: Seattle State: WA ZIP: 98104-7092 Phone Number: 206-622-4900 Fax Number: 206-682-6031 Email Address: jeffh@SeedIP.com Authorized to be charged to deposit account. I Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 19-1090 Authorized User Name Useff Hundley, Ph.D.	Name: <u>Seed Intellectual Property Law Group PLLC</u>	7. Total Fee (37 CFR 1.21(h) & 3.41):\$40		
Street Address: 701 Fifth Avenue. Suite 6300 City: Seattle State: WA Phone Number: 206-622-4900 Fax Number: 206-682-6031 Email Address: jeffh@SeedIP.com Statement and signature. To the best of my knowledge and belief, the foregoing Information is true and correct and any attached copy is		Authorized to be charged by credit card.		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is	Email Address: jeffh@SeedIP.com	· ————		
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JEFFREY HUNDLEY, PH.D., PATENT AGENT JUNE 13, 2005				
Name of Person Signing Signature Date				
Total number of pages including cover sheet, attachments, and document: 6 Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:				

600367_I.DOC OMB No. 0651-0011 (exp 6/30/05) - Docket No. 100086.407C13

ASSIGNMENT

WHEREAS, we, Orest W. Blaschuk, Barbara J. Gour, James Matthew Symonds, and Stephen Byers (hereinafter referred to as ASSIGNORS), having mailing addresses of 4998 de Maisonneuve West, Suite 1520, Westmount, Quebec, CANADA H3Z 1N2; 2890 Donnelly Drive, RR#4, Kemptville, Ontario, CANADA K0G 1J0; 232 Morcroft Lane, Durham, North Carolina 27705 and 1723 Webster Street Northwest, Washington D. C. 20011, respectively, are the joint inventors of an invention entitled "COMPOUNDS AND METHODS FOR MODULATING OB-CADHERIN-MEDIATED FUNCTION," as described and claimed in the specification for which an application for United States letters patent was filed on December 3, 2004 and assigned Application No. 11/003,150;

WHEREAS, Adherex Technologies, Inc. (hereinafter referred to as ASSIGNEE), a corporation of Canada having a place of business c/o LaBarge Weinstein LLP, 515 Legget Drive, Suite 800, Ottawa, Ontario, Canada K2K 3G4, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United

PÄTENT REEL: 016330 FRAME: 0267

Application No. 11/003,150

States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

February 21,2018

Orest W. Blaschuk

Province of Quebec

Quebec

SS.

Country of CANADA

I certify that I know or have satisfactory evidence that Orest W. Blaschuk is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated

Signature of Notary Public

Printed Name

SULOMON BIE

My appointment expires

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		Application No. 11/003,150
Fel-14/05_		Bulara Hom Barbara J. Gour
Province of <u>Ontario</u> Country of <u>Canada</u>		ss.
person who appeared before	me, and said p	e satisfactory evidence that Barbara J. Gour is the person acknowledged that she signed this instrument untary act for the uses and purposes mentioned in the
.15)q	Notary Public Liffess Printed Name	WILLIAM A. ADAMS ent expires
Date		James Matthew Symonds
State of)	SS.
is the person who appeared	before me, and it to be his	satisfactory evidence that James Matthew Symonds and said person acknowledged that he signed this free and voluntary act for the uses and purposes
	Signature of	

3

Printed Name

My appointment expires

	Application N	o. 11/003,150
Date	Barbara J. Gour	
Designation of Contents	`	
Province of Ontario) ss.	
Country of Canada		
person who appeared before	I know or have satisfactory evidence that Barbara . me, and said person acknowledged that she signed t er free and voluntary act for the uses and purposes me	his instrument
	Dated	E 6 1
	Signature of Notary Public	
	Printed Name	<u>,</u>
	My appointment expires	
Date James Matthew Symonds State of NBRTH CAROLINA County of Dukham I certify that I know or have satisfactory evidence that James Matthew Symonds		
is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes		
mentioned in the instrument.		
	Dated	
	Signature of Notary Public	
	Printed Name) }
	My appointment expires	

PATENT REEL: 016330 FRAME: 0270

•	Application No. 11/004,107
February 15 mos	
62/15/05	Stephen W. Spers
Date	Stephen Byers
State of <u>bc</u>	
County of	SS.

I certify that I know or have satisfactory evidence that Stephen Byers is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated OZ 15/05

Signature of Notes Poblic Printed Name Barry Hox Harman My appointment expires

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PATENT REEL: 016330 FRAME: 0271