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0-22-09 11:10 From-ZGI IP/LEGAL DEPT	206 442 6678 T-883 P.002/014 F-543			
	TION FORM COVER SHEET Patent and Trademark Office  ATENTS ONLY			
To: The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy(ies).				
Submission Type	Conveyance Type			
New New	Assignment			
Resubmission (Non-Recordation)	License			
Document ID#	☐ Merger ☐ Other;			
	Other;			
Reel # Frame#				
Reel# Frame#				
	☐ Mark if additional names of conveying parties attached			
	☐ Mark if additional names of conveying parties attached  Execution Date: June 26, 2009			
<del>_</del>	Execution Date: June 18, 2009			
Name (3) Stacey R. Dillon	Execution Date: June 19, 2009			
	Execution Date: September 11, 2009			
	Execution Date: June 24, 2009			
	Execution Date: June 19, 2009 Execution Date:			
	Execution Date:			
Receiving Party(ies):				
Name: ZymoGenetics, Inc.	Mark if additional names of receiving parties attached			
Address: 1201 Eastlake Avenue East				
Seaπle, WA 98102				
Correspondent Name and Address	Pages			
Name: Michelle L. Lewis	Pages Enter the total number of pages of the attached conveyance			
ŻymoGenetics, Inc.	document including any attachments.			
Address: 1201 Eastlake Avenue East	B?			
Seaπle, WA 98102	# 12			
(206) 442-6627				
Application Number(s) or Patent Number	er(s)			
	Patent Number (DO NOT ENTER BOTH numbers for the same property).			
Patent Application Number(s)	Patent Number(s)			
12/483,098	(-)			
Number of Properties				
Number of Applications and Patents Involved:				
Fee Amount				
Fee Amount for Properties List (37 C.F.R., 3.41): \$40.	00			
Method of Payment: Enclosed Deposit Ac				
•	Authorization to charge additional fees: Yes 🗷 No 🗆			
DO NO	W TISE THIS SDACE			
DO NOT USE THIS SPACE Statement and Signature				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a				
true copy of the original document. Charges to deposit account are authorized, as indicated herein.				
974				
Michelle LLawes 36.	352 10/22/09			
Michelle L. Lewis Registration No.	36,352 Date			

**PATENT** 

REEL: 023412 FRAME: 0686

PATENT File No.: 07-16C1

### ASSIGNMENT OF APPLICATION FOR PATENT

### WHEREAS:

Stephen R. Jaspers, a citizen of the United States, residing at 5829 150<sup>th</sup> Place S.W., Edmonds, WA 98026;

Mark W. Rixon, a citizen of the United States, residing at 3724 248th Place S.E., Issaquah, WA 98029;

Stacey R. Dillon, a citizen of the United States, residing at 8057 28th Avenue N.E., Seattle, WA 98115;

Frederick J. Ramsdell, a citizen of the United States, residing at 2205 Country View Lane, Bainbridge Island, WA 98110;

Cecile M. Krejsa, a citizen of the United States, residing at 5216 9th Avenue N.W., Seattle, WA 98107; and

Eugene C. Yi, a citizen of the United States, residing at 15417 3<sup>rd</sup> Drive S.E., Mill Creek, WA 98012;

(hereinafter ASSIGNORS), have made a discovery or invention entitled:

# ANTI-HUMAN IL-21 MONOCLONAL ANTIBODIES

for which application of Letters Patent of the United States has been filed on June 11, 2009 and granted serial number 12/483,098 which is a continuation-in-part of U.S. Patent Application No. 12/330,334, filed December 8, 2008 and for which parent application no. 12/330,334 and International Application No. PCT/US2008/085923 were filed on December 8, 2008, all of which claim priority to U.S. Provisional Patent Application No. 61/012,329, filed December 7, 2007; and

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File No.: 07-16C1

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### WHEREAS:

ZymoGenetics, Inc., a corporation of the State of Washington having a place of business at 1201 Eastlake Avenue East, Seattle, Washington (hereinafter ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of one dollar (\$1) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive rights, titles and interests to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

SAID ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

SAID ASSIGNORS hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNORS hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, and assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said discovery or invention, and execute and deliver any and

10-22-09 11:10 From-ZGI IP/LEGAL DEPT 206 442 6678 T-883 P.005/014 F-543

File No.: 07-16C1

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all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

This Assignment is made effective as of December 7, 2007.

File No.: 07-16C1

4 of 7

Date:	6/26/09
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Stephen R. Jaspers

State of Washington

County of King

I certify that I know or have satisfactory evidence that Stephen R. Jaspers signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.



Dated June 26, 2009
Signature of Notary Public Lun M Loples

My Appointment expires\_\_\_

Date:

State of Washington

County of King

I certify that I know or have satisfactory evidence that Mark W. Rixon signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.

Dated

Signature of Notary Public 📐

My Appointment expires

File No.: 07-16C1

5 of 7

Date: \_\_\_\_6//9/09

Stacey R. Dillon

State of Washington

County of King

) ) ss.

I certify that I know or have satisfactory evidence that Stacey R. Dillon signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in this instrument.



Dated 6/19/09

Signature of Notary Public ~

My Appointment expires 4 -21-17

Date: 9/11/09

Frederick J. Ramsdell

State of Washington

County of King

) ss

I certify that I know or have satisfactory evidence that Frederick J.Ramsdell signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.



Dated

Signature of Notary Public

My Appointment expires

1. Pamela

10-22-09	11:11	From-ZGI IP/LEGAL DEP	Т	206 442 6678	T-883 P.008/014 F-543
				6 of 7	File No.: 07-16C1
	Date: _	6/24/09	-	Cecile M. Krejsa	Ja
	State of W	ashington	)		
	County of	King	, )	ss.	
					Cecile M. Krejsa signed
			ed it to be he	r free and voluntary act i	or the uses and purposes
	mentioned	in this instrument.			
	STATE OF	MY OAT TO THE SHIP OF THE SHIP	DatedSignature Notary Pu My Appoi	blic Krunty	21-12
	Date: _			Eugene C. Yi	
ļ	State of W	ashington	)		
	County of	_	į	ss.	
,	County Of	<del>-</del>	) Ny or have sa	itisfactory evidence that i	Eugene C. Yi signed this
				e and voluntary act for th	
			Dated		
	, •	\$   \qua	Signature o Notary Pub	of	

My Appointment expires\_\_\_\_

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PATENT File No.: 07-16C1

# ASSIGNMENT OF APPLICATION FOR PATENT

### WHEREAS:

Stephen R. Jaspers, a citizen of the United States, residing at 5829 150th Place S.W., Edmonds, WA 98026;

Mark W. Rixon, a citizen of the United States, residing at 3724 248th Place S.E., Issaquah, WA 98029;

Stacey R. Dillon, a citizen of the United States, residing at 8057 28th Avenue N.E., Seattle, WA 98115:

Frederick J. Ramsdell, a citizen of the United States, residing at 2205 Country View Lane, Bainbridge Island, WA 98110;

Cecile M. Krejsa, a citizen of the United States, residing at 5216 9<sup>th</sup> Avenue N.W., Seattle, WA 98107; and

Eugene C. Yi, a citizen of the United States, residing at 15417 3<sup>rd</sup> Drive S.E., Mill Creek, WA 98012;

(hereinafter ASSIGNORS), have made a discovery or invention entitled:

### ANTI-HUMAN IL-21 MONOCLONAL ANTIBODIES

for which application of Letters Patent of the United States has been filed on June 11, 2009 and granted serial number 12/483,098 which is a continuation-in-part of U.S. Patent Application No. 12/330,334, filed December 8, 2008 and for which parent application no. 12/330,334 and International Application No. PCT/US2008/085923 were filed on December 8, 2008, all of which claim priority to U.S. Provisional Patent Application No. 61/012,329, filed December 7, 2007; and

10-22-09 11:12 From-ZGI IP/LEGAL DEPT 206 442 6678 T-883 P.010/014 F-543

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#### WHEREAS:

ZymoGenetics, Inc., a corporation of the State of Washington having a place of business at 1201 Eastlake Avenue East, Seattle, Washington (hereinafter ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of one dollar (\$1) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive rights, titles and interests to said discovery or invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, renewal, extension, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

SAID ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

SAID ASSIGNORS hereby covenant that we have full right to convey the entire right, title and interest herein sold, assigned, transferred and set over.

AND SAID ASSIGNORS hereby further covenant and agree that the ASSIGNEE, its successors, legal representatives, and assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to us respecting said discovery or invention, and execute and deliver any and

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File No.: 07-16C1

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all lawful papers that may be necessary or desirable to perfect the title to the said discovery or invention, the said applications and the said Letters Patent in the ASSIGNEE, its successors, legal representatives and assigns, and that if reissues of the said Letters Patent or disclaimers relating thereto, or divisions, continuations, or refilings of the said applications, or any thereof, shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, we will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers and all divisional, continuation and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention or discovery in all countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

This Assignment is made effective as of December 7, 2007.

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206 442 6678 T-883 P.012/014 F-543

File No.: 07-16C1

Date: Stephen R. Jaspers State of Washington County of King I certify that I know or have satisfactory evidence that Stephen R. Jaspers signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument. Dated\_\_\_\_\_ Signature of Notary Public \_\_\_\_\_ My Appointment expires Date: Mark W. Rixon State of Washington ) ss. County of King I certify that I know or have satisfactory evidence that Mark W. Rixon signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument. Signature of Notary Public\_\_\_\_\_

My Appointment expires\_\_\_\_\_

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-22-09	11:12 From-ZGI IP/LEGAL DEP	206 442 6678 T-883 P.013/014 F-5
		File No.: 07-16C1
		5 of 7
D	ate:	
		Stacey R. Dillon
St	ate of Washington	) ) ss.
С	ounty of King	)
·	I certify that I kno	w or have satisfactory evidence that Stacey R. Dillon signed this
ir		to be her free and voluntary act for the uses and purposes
	entioned in this instrument.	10 00 tot 1100 total 1 1 1
111	icumonea in ans maaamen.	
		Dated
		Signature of Notary Public
		My Appointment expires
r	Oate:	<u> </u>
		Frederick J. Ramsdell
s	tate of Washington	<b>)</b>
(	County of King	) SS. }
		ow or have satisfactory evidence that Frederick J.Ramsdell
	<del>-</del>	owledged it to be his free and voluntary act for the uses and
p	urposes mentioned in this inst	ament.

Dated\_\_\_\_\_

Signature of Notary Public\_\_\_\_\_ My Appointment expires\_\_\_\_\_

F-543

6 of 7 Date: Cecile M. Krejsa State of Washington County of King I certify that I know or have satisfactory evidence that Cecile M. Krejsa signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in this instrument. Signature of Notary Public\_\_\_\_\_ My Appointment expires\_\_\_\_ 6/19/09 Eugene C. Yi

I certify that I know or have satisfactory evidence that Eugene C. Yi signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in this instrument.

SOLIC SOLIC SOLICE SOLI

**RECORDED: 10/22/2009** 

State of Washington

County of King

Signature of Notary Public

My Appointment expires 5-9-/2