Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Exelixis Plant Sciences, INC.	09/08/2005

RECEIVING PARTY DATA

Name:	rinomics LLC		
Street Address:	16160 SW Upper Boones Ferry Road		
City:	Portland		
State/Country:	OREGON		
Postal Code:	97224		

PROPERTY NUMBERS Total: 2

Property Type	Number	
Application Number:	60434601	
PCT Number:	US0340988	

CORRESPONDENCE DATA

Fax Number: (503)595-5301

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5035955300

Email: garrett.hinesley@klarquist.com

Correspondent Name: Klarquist Sparkman, LLP

Address Line 1: 121 SW Salmon Street, Suite 1600

Address Line 4: Portland, OREGON 97204

ATTORNEY DOCKET NUMBER: 6616-71314-01 & 71314-07

NAME OF SUBMITTER: Anne Carlson, Ph.D.

Total Attachments: 14

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PATENT REEL: 016644 FRAME: 0444

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ASSIGNMENT

This is an assignment of rights from Jonathan Lightner, Jeremy E. Coate, Stephanie K. Clendennen and Nancy Anne Federspiel to Exelixis Plant Sciences, Inc., and from Exelixis Plant Sciences, Inc. to Agrinomics, LLC.



WHEREAS, Jonathan Lightner of 2720 45th Street, Des Moines, Iowa, 50310, USA, Jeremy E. Coate of 14 Tompkins St. #1, Cortions, -847 Taughannock Blvd., Ithaca, New York, USA, Stephanie K. Clendennen of 148 Lebanon Road, P.O. Box 6332, Kingsport, Tennessee, 37663, USA, and Nancy Anne Federspiel of 1345 Altschul Avenue, Menlo Park, California, 94025, USA (hereinafter "the inventors"), have previously entered into an agreement with Exelixis Plant Sciences, Inc., 16160 S.W. Upper Boones Ferry Road, Portland, Oregon, to assign all right, title and interest in and to any and all inventions made or conceived or reduced to practice during the course of employment with Exelixis Plant Sciences Inc. (hereinafter "EPS"), and further agreed to execute additional assignment documents to assist EPS with respect to its proprietary rights, and wherein, during the course of employment with EPS, have invented an invention entitled GENERATION OF PLANTS WITH ALTERED OIL CONTENT for which at least the following patent applications have been filed:

U.S. Provisional Patent Application No. 60/434,601, filed December 18, 2002, and PCT Patent Application No. PCT/US2003/040988, filed December 18, 2003;

both of which are referred to hereafter as "the patent applications."

WHEREAS, Agrinomics LLC, (hereinafter "Agrinomics") and EPS, through EPS' predecessor Agritope, Inc., previously entered into an agreement dated July 1, 1999 (hereinafter "agreement") to prosecute and hold patent applications in the name of Agrinomics that pertain to discoveries made during a mutual collaboration relating to activation tagging in *Arabidopsis* (hereinafter "ACTTAG discovery(ies)").

WHEREAS, EPS owns all the right, title and interest to the ACTTAG discovery described and claimed in the patent applications.

WHEREAS, EPS is desirous of assigning said right, title and interest in said ACTTAG discovery and patent applications to Agrinomics, pursuant to said agreement, and whereas EPS has received good and valuable consideration for this assignment, the receipt and sufficiency whereof are hereby acknowledged.

WHEREAS, Agrinomics LLC, is desirous of acquiring the entire right, title, and interest in and to said ACTTAG discovery and patent applications and the patents to be obtained therefore.

ASSIGNMENT - PAGE 1 OF 7

PATENT

NOW, therefore, and in consideration of employment and compensation paid the inventors by EPS, and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the inventors have assigned to EPS and EPS' legal representatives, successors and assigns, the entire right, title, and interest (a) in and to said patent applications and said invention; (b) in and to all rights to apply for foreign patents on said invention; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, continuation or nonprovisional 37 CFR 1.53(b) application of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

The inventors have conveyed to EPS the entire right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the filing date of the said United States application (or other application if any there be) in priority to other applications; and have agreed at any time upon request, without further or additional compensation or additional consideration, but at the expense of EPS, to execute such additional assignments and other writings and do such additional acts as EPS may deem necessary or desirable or perfect EPS' enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

EPS hereby accepts the assignment of rights in this invention from the inventors.

EPS hereby assigns to Agrinomics and Agrinomics' legal representatives, successors and assigns, all right, title, and interest that it now owns or shall hereafter acquire (a) in said applications and ACTTAG discovery; (b) to all rights to apply for foreign patents on said ACTTAG discovery; (c) to any and all applications filed and any and all patents granted on said ACTTAG discovery in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, continuation or nonprovisional 37 CFR 1.53(b) application of any of said applications; and (d) to each and every reissue or extensions of any of said patents; and EPS hereby authorizes and requests the patent office to issue said patents to Agrinomics. EPS agrees to execute such additional assignments and other writings and do such additional acts as may be necessary or desirable in order to perfect this grant to Agrinomics.

ASSIGNMENT - PAGE 2 OF 7

[SEAL]

EPS hereby authorizes Agrinomics or its legal representative to insert in this instrument the filing date and serial number of any said application or any other information that may be necessary or desirable in order to comply with the rules of any patent office for recordation of this document.

Agrinomics hereby accepts the assignment of rights in this invention from EPS.

This assignment is effective December 18, 2003, with regard to PCT Patent Application No. PCT/US2003/040988, and effective December 18, 2002, with regard to U.S. Provisional Patent Application No. 60/434,601 and all other rights described herein.

2005.	
1169	
Jønathan Lightner	
STATE OF $\gamma \delta \omega \alpha$) ss.	
COUNTY OF	
This 25 day of, 2005, before me personally came the above-named Jonath Lightner, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was a significant of the control of the	
executed under that person's own free will for the purposes set forth therein.	
DIANE R. GRUND Commission Number 731964 My Commission Expires December 15, 2007 Notary Public for My commission expires: My commission expires:	- -

ASSIGNMENT - PAGE 3 OF 7

E	xecuted at	THACA, NY		_(place), this <u>3</u>	_day of _Augus	<u> </u>
2005.			1			
		Jer	emy E. Zoate	70		
STATE OF LOUNTY	Mak mpki) ss. , 2005, befo	re me person	ally came the abo	ove-named Jeremy	E. Coate,
who executed the for that person's own fi	oregoing Assignmee will for the p	nent in my presence, urposes set forth ther	and who ack ein.	nowledged to me	that it was execut	ea unaer
			$\frac{\lambda}{\lambda}$	aulyn	JE Moz	<~
			Notary Pu My comm	ission expireMAI Notary Pu	blic. State of New	York
[SEAL]				No.	01MA4713480 I in Tompkins Cou xpires November (~ (
						
E	Executed at			(place), this	day of	 ,
2005.						
			•			
		St	ephanie K. C	lendennen		
STATE OF)) ss.)				
This c Clendennen, who e executed under tha	executed the foreg	, 2005, before a comment in the comment in the comment in the purpo	my presence	, and who acknow	oove-named Stephawledged to me tha	anie K. t it was
			NI	.l.lie fer		
			Notary Pu My comm	iblic for nission expires:		****
[SEAL]						

ASSIGNMENT - PAGE 4 OF 7

AC/TMH/RJP:gte 6/23/05 6616-71314-01

Executed at Stanford university (place), this 26 day of July

Name Anne Federsoniel

STATE OF <u>California</u>) ss. COUNTY OF <u>Santa Clara</u>) ss.

This <u>26</u> day of <u>14</u>, 2005, before me personally came the above-named Nancy Anne Federspiel, who executed the foregoing Assignment in my presence, and who acknowledged to me that it was executed under that person's own free will for the purposes set forth therein.

Notary Public for Stanford University
My commission expires: April 22, 2009

[SEAL]

2005.



ASSIGNMENT - PAGE 5 OF 7

	16160 SW	ن کوود	r Boons	Form	Rd	
Executed at _	Portlan	<u>20 62</u>	97455 (pla	ce), this 👲	_ day of <u>S</u> ৭	ptember-

2005.

EXELIXIS PLANT SCIENCES, INC.

Name: Douglas Wwagner

Title: V. P. Reseparch

STATE OF Overson) ss.

This & day of September, 2005, before me personally came the above-named personally known to me (or 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

OFFICIAL SEAL
KETURAH PLISKA
NOTARY PUBLIC - OREGON
COMMISSION NO. 393595
[SEAL]MY COMMISSION EXPIRES JUNE 7, 2009

Notary Public for Oversen

My commission expires: 611109

ASSIGNMENT - PAGE 6 OF 7

Executed at Portland, OR 9745 (Flace), this Oday of September

2005.

AGRINOMICS, LLC

Py. ()

Name: Douglas Wwagn

Title: CSC

STATE OF Oragon) ss.
COUNTY OF LANGE)

This & day of Scotter, 2005, before me personally came the above-named personally known to me (or 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

OFFICIAL SEAL
KETURAH PLISKA
NOTARY PUBLIC - OREGON
COMMISSION NO. 393595
MY COMMISSION EXPIRES JUNE 7, 2009

[SEAL]

Notary Public for Over Notary Public for Over

ASSIGNMENT - PAGE 7 OF 7

PATENT

ASSIGNMENT

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WHEREAS, Jonathan Lightner of 2720 45th Street, Des Moines, Iowa, 50310, USA, Jeremy E. Coate of 847 Taughannock Blvd., Ithaca, New York, USA, Stephanie K. Clendennen of 148 Lebanon Road, P.O. Box 6332, Kingsport, Tennessee, 37663, USA, and Nancy Anne Federspiel of 1345 Altschul Avenue, Menlo Park, California, 94025, USA (hereinafter "the inventors"), have previously entered into an agreement with Exelixis Plant Sciences, Inc., 16160 S.W. Upper Boones Ferry Road, Portland, Oregon, to assign all right, title and interest in and to any and all inventions made or conceived or reduced to practice during the course of employment with Exelixis Plant Sciences Inc. (hereinafter "EPS"), and further agreed to execute additional assignment documents to assist EPS with respect to its proprietary rights, and wherein, during the course of employment with EPS, have invented an invention entitled GENERATION OF PLANTS WITH ALTERED OIL CONTENT for which at least the following patent applications have been filed:

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ASSIGNMENT - PAGE 1 OF 7

AC/TMH/RIP:gte 6/23/05 6616-71314-01 PATENT

NOW, therefore, and in consideration of employment and compensation paid the inventors by EPS, and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the inventors have assigned to EPS and EPS' legal representatives, successors and assigns, the entire right, title, and interest (a) in and to said patent applications and said invention; (b) in and to all rights to apply for foreign patents on said invention; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, continuation or nonprovisional 37 CFR 1.53(b) application of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.

The inventors have conveyed to EPS the entire right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the filing date of the said United States application (or other application if any there be) in priority to other applications; and have agreed at any time upon request, without further or additional compensation or additional consideration, but at the expense of EPS, to execute such additional assignments and other writings and do such additional acts as EPS may deem necessary or desirable or perfect EPS' enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

EPS hereby accepts the assignment of rights in this invention from the inventors.

EPS hereby assigns to Agrinomics and Agrinomics' legal representatives, successors and assigns, all right, title, and interest that it now owns or shall hereafter acquire (a) in said applications and ACTTAG discovery; (b) to all rights to apply for foreign patents on said ACTTAG discovery; (c) to any and all applications filed and any and all patents granted on said ACTTAG discovery in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, continuation or nonprovisional 37 CFR 1.53(b) application of any of said applications; and (d) to each and every reissue or extensions of any of said patents; and EPS hereby authorizes and requests the patent office to issue said patents to Agrinomics. EPS agrees to execute such additional assignments and other writings and do such additional acts as may be necessary or desirable in order to perfect this grant to Agrinomics.

ASSIGNMENT - PAGE 2 OF 7

AC/TMH//RIP:gle 6/23/05 6616-71314-01 PATENT

EPS hereby authorizes Agrinomics or its legal representative to insert in this instrument the filing date and serial number of any said application or any other information that may be necessary or desirable in order to comply with the rules of any patent office for recordation of this document.

Agrinomics hereby accepts the assignment of rights in this invention from EPS.

This assignment is effective December 18, 2003, with regard to PCT Patent Application No. PCT/US2003/040988, and effective December 18, 2002, with regard to U.S. Provisional Patent Application No. 60/434,601 and all other rights described herein.

Executed at	(place), this day of
2005.	
	Jonathan Lightner
STATE OF) ss.	
COUNTY OF	
This day of Lightner, who executed the foregoing Ass executed under that person's own free wil	3005, before me personally came the above-named Jonathan signment in my presence, and who acknowledged to me that it was ll for the purposes set forth therein.
	Notary Public for
	My commission expires:
[SEAL]	

ASSIGNMENT - PAGE 3 OF 7

[SEAL]

ASSIGNMENT - PAGE 4 OF 7

Executed at	(place), this day of
2005.	
	Nancy Anne Federspiel
STATE OF) ss. COUNTY OF)	
COUNTY OF) ss.	
This day of, 20 Federspiel, who executed the foregoing Assignmexecuted under that person's own free will for the	005, before me personally came the above-named Nancy Annement in my presence, and who acknowledged to me that it was ne purposes set forth therein.
	Notary Public for
[SEAL]	My commission expires:

AC/TMH/RJP:gle 6/23/05 6616-71314-01

ASSIGNMENT - PAGE 5 OF 7

PATENT

AC/TMH/RJP:gte 6/23/05 6616-71314-01	PATENT
Executed at	(place), this day of
2005.	
	EXELIXIS PLANT SCIENCES, INC.
	Ву:
	Name:
	Title:
STATE OF) ss COUNTY OF)	
This day of	, 2005, before me personally came the above-named
acknowledged to me that he/she execute	, personally known to me (or proved to be the person whose name is subscribed to the within instrument and d the same in his/her authorized capacity, and that by his/her signature or pon behalf of which the person acted, executed the instrument.
	Notary Public for
[SEAL]	My commission expires:
f1	

ASSIGNMENT - PAGE 6 OF 7

RECORDED: 10/14/2005

2005	Executed at		(place), this day of
2005.			
			AGRINOMICS, LLC
			Ву:
			Name:
			<u>Title:</u>
STATE OF)) ss.	
COUNTY OF)	
This _	day of		_ 2005, before me personally came the above-named , personally known to me (or proved to
acknowledged t	to me that he/she	executed the	, personally known to me (or proved to be the person whose name is subscribed to the within instrument and a same in his/her authorized capacity, and that by his/her signature on a behalf of which the person acted, executed the instrument.
			Notary Public for
			My commission expires:
[SEAL]			

ASSIGNMENT - PAGE 7 OF 7