PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Heather E. Hallen	01/13/2009
John S. Scott-Craig	01/13/2009
Jonathan D. Walton	01/13/2009
Hong Luo	01/13/2009

RECEIVING PARTY DATA

Name:	Michigan State University, Office of Intellectual Property
Street Address:	3900 Collins Road, Suite 1044
City:	Lansing
State/Country:	MICHIGAN
Postal Code:	48910

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12268229

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MSU-13821
NAME OF SUBMITTER:	Abby Everson

Total Attachments: 2

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PATENT REEL: 022394 FRAME: 0335

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PATENT REEL: 022394 FRAME: 0336

Attorney Docket No.: MSU-13821

	Form PTO-1595	RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patent and Trademark Office
То			Please record the attached origin	
1.	Name of conveying party		2. Name and address of	· · · · · · · · · · · · · · · · · · ·
	Heather E. Hallen John S. Scott-Craig Jonathan D. Walton Hong Luo		Michigan State University 3900 Collins Road Suite 1044 Lansing, Michigan 48910	
	Additional name(s) of conveying party(ies) attached?		Additional name(s) & address(es) attached? No	
3. Nature of conveyance: Assignment Execution Date: 01/13/09 01/13/09 01/13/09 01/13/09		·		
4. Title of Invention: Identification of Genes for Amatoxin and Phallotoxin Biosynthesis				
	A. New Patent Appl	ication No.(s): 12/268,229	B. Patent No.(s)): N.A.
		Additional numb	ers attached? No	
5.	Name and address of party concerning document show	ıld be mailed:	6. Total number of appli	cations and patents involved: 1
	Peter G. Carroll Medlen & Carroll, LLP		7. Total fee(s): Payment in the amoun (\$40 Recordation fee)	
101 Howard Street, Suite 3 San Francisco, California		8. Deposit Account Auth	orization:	
	-			hereby authorized to charge any it any overpayment to Deposit
		DO NOT USE	THIS SPACE	
9. 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.				
Date: March 13, 2009		Signature: Name: Peter G. Carroll		
			Reg. No.: 32, 837	

PATENT REEL: 022394 FRAME: 0337

PATENT

Attorney Docket No.: MSU-13821

ASSIGNMENT

WHEREAS, We, Heather E. Hallen, John S. Scott-Craig, Jonathan D. Walton and Hong Luo, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

Identification and Use of Genes Encoding Amatoxin and

Phallotoxin

Filing Date:

11/10/2008

Serial No.:

12/268,229

WHEREAS, Michigan State University, herein after referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful moncy paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNOE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Akti E. Hall	1/13/2009	al A Acot	this Vizzo
Heather E. Hallon	Date	John S. Scott-Craig	Date
mathan Waldon	1/13/09	Hong Ju	113/06
Jorlathan D. Walton	Date	Hing Luo	Date
STATE OF)		
COUNTY OF) ss.)		
On this day of appeared the above-named ASSIGNOR is subscribed to the within instrument, an	., known to me (or proved to	rear of, before me, the undersigned me on the basis of satisfactory evidence) to executed the same.	ed notary public, personally be the person whose name
		NOTARY PUBLIC	C

PATENT REEL: 022394 FRAME: 0338

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RECORDED: 03/13/2009