

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3184737

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ELIZABETH E. HOOD	07/31/2014
SANGWOONG YOON	01/09/2015
RECEIVING PARTY DATA	
Name:	ARKANSAS STATE UNIVERSITY
Street Address:	PO BOX 2760
City:	STATE UNIVERSITY
State/Country:	ARKANSAS
Postal Code:	72467
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14196412
CORRESPONDENCE DATA	
Fax Number:	(510)788-8786
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	aaeverson@medlencarroll.com,rldalton@medlencarroll.com,docketing@medlencarroll.com
Correspondent Name:	MEDLEN AND CARROLL, LLP
Address Line 1:	1440 BROADWAY, SUITE 510
Address Line 4:	OAKLAND, CALIFORNIA 94612
ATTORNEY DOCKET NUMBER:	ARKSU
NAME OF SUBMITTER:	ABBY EVERSON
SIGNATURE:	/abby everson/
DATE SIGNED:	01/15/2015
Total Attachments: 3	
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source=assignyoongtk#page1.tif	

Form PTO-1595	RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.			
1. Name of conveying party(ies): Hood, Elizabeth E. Yoon, Sangwoong		2. Name and address of receiving party(ies): ARKANSAS STATE UNIVERSITY PO BOX 2760 STATE UNIVERSITY, ARKANSAS 72467	
Additional name(s) of conveying party(ies) attached? No		Additional name(s) & address(es) attached? No	
3. Nature of conveyance: Assignment Execution Date: 07/31/2014 01/09/2015			
4. Title of Invention: Methods of Expressing and Detecting Activity of Expansin in Plant Cells			
A. New Patent Application No.(s): 14/196,412		B. Patent No.(s): N.A.	
Additional numbers attached? No			
5. Name and address of party to whom correspondence concerning document should be mailed: Peter G. Carroll MEDLEN & CARROLL, LLP 1440 Broadway, Suite 510 Oakland, California 94612		6. Total number of applications and patents involved: 1 7. Total fee(s): Effective January 01, 2014, as an electronic submission, payment in the amount of \$40 (\$40 Recordation fee) is not submitted. 8. Deposit Account Authorization: The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 08-1290 .	
DO NOT USE THIS SPACE			
9. Statement and Signature: <i>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</i>			
Date: <u>January 13, 2015</u>		Signature: <i>Gilbert Thomson Kelly</i>	
		Name: Gilbert Thomson Kelly	
		Reg. No.: 70,988	

ASSIGNMENT

WHEREAS, We, **Elizabeth E. Hood and Sangwoong Yoon**, 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: **Methods of Expressing and Detecting Activity of Expansion in Plant Cells**

Filing Date: **3/4/2014**

Serial No.: **14/196,412**

WHEREAS, **ARKANSAS STATE UNIVERSITY, PO BOX 2760, STATE UNIVERSITY, ARKANSAS 72467**, 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 money 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 ASSIGNEE 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

Elizabeth E. Hood 7/31/14
Elizabeth E. Hood Date

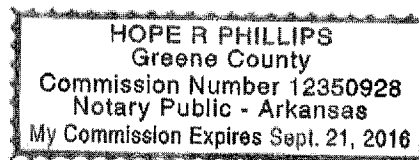
Sangwoong Yoon
Sangwoong Yoon

Date

STATE OF *Arkansas*

COUNTY OF *Craighead*

ss.



On this 31st day of July, in the year of 2014, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, 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 that he/she executed the same.

Hope R. Phillips
NOTARY PUBLIC

SEAL

ASSIGNMENT

WHEREAS, We, **Elizabeth E. Hood and Sangwoong Yoon**, 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: **Methods of Expressing and Detecting Activity of Expansion in Plant Cells**

Filing Date: **3/4/2014**

Serial No.: **14/196,412**

WHEREAS, **ARKANSAS STATE UNIVERSITY, PO BOX 2760, STATE UNIVERSITY, ARKANSAS 72467**, 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 money 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 ASSIGNEE 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.

Elizabeth E. Hood

Date

Sangwoong Yoon
Sangwoong Yoon

11/25/2014
Date

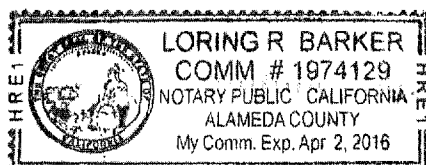
STATE OF California)

COUNTY OF Alameda)

) ss.

On this 9 day of January, in the year of 2015, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, 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 that he/she executed the same.

SEAL



[Signature]
NOTARY PUBLIC