

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Toni M. Kutchan</td><td>07/23/2007</td></tr><tr><td>Anan Ounaroan</td><td>07/23/2007</td></tr></tbody></table>		Name	Execution Date	Toni M. Kutchan	07/23/2007	Anan Ounaroan	07/23/2007				
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Anan Ounaroan	07/23/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Donald Danforth Plant Science Center</td></tr><tr><td>Street Address:</td><td>975 North Warson Road</td></tr><tr><td>City:</td><td>St. Louis</td></tr><tr><td>State/Country:</td><td>MISSOURI</td></tr><tr><td>Postal Code:</td><td>63132</td></tr></table>		Name:	Donald Danforth Plant Science Center	Street Address:	975 North Warson Road	City:	St. Louis	State/Country:	MISSOURI	Postal Code:	63132
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (314)552-7255 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	47004-69359										
NAME OF SUBMITTER:	Charles P. Romano										
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CH 10888656 \$40.00

PATENT

500359290

REEL: 019860 FRAME: 0280

**ASSIGNMENT**

WHEREAS, we, Toni M. Kutchan, residing at 11 Alden Ln, St. Louis, MO 63141 USA, and Anan Ounaroorn, residing at 3/72 Moo3-15 Avenue Bellevue, Bangkae, Bangkok 10160, THAILAND, have acquired the entire right, title and interest to an invention entitled *O-methyltransferases of tetrahydrobenzylisoquinoline alkaloid biosynthesis in Papaver somniferum* for which there is filed on the 3rd of September 2003 an application for Letters Patent in the European Patent Office, application number 03020023.2, now abandoned, a PCT patent application, number PCT/EP04/009775, filed 2 September 2004, an Australian patent application, number 2004269153, and a United States patent application, number 10/888,656 (identified as Thompson Coburn LLP, Docket 47004-69359); and all substitutions, divisions, and continuations thereof; .

WHEREAS, Donald Danforth Plant Science Center, a corporation of the State of Missouri having its principal office and place of business at 975 North Warson Road, St. Louis, Missouri 63132, is desirous of acquiring the entire right, title and interest in and to said invention and improvements as disclosed in said application, in and to said application, and in and to the patent to be obtained thereon.

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt and adequacy of all of which are hereby acknowledged, we, Toni M. Kutchan and Anan Ounaroorn have sold, assigned and transferred and do hereby sell, assign and transfer unto said Donald Danforth Plant Science Center, its successors or assigns, the entire right, title and interest in and to said invention(s) and improvement(s) that are disclosed in said applications and in and to any Letters Patent, including divisionals, continuations, reissues, reexaminations and extensions to be obtained therefor in the United States and all foreign countries; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent as the assignee may desire to apply for, but at the expense of said assignee.

The Commissioner of Patents or other proper official is hereby authorized and requested to issue said Letters Patent to said Donald Danforth Plant Science Center in accordance with this Assignment.

The undersigned hereby authorizes the attorneys of record in said application(s) to insert in this Assignment the serial number, filing date, and date of execution of said application(s).

For said considerations, the undersigned hereby agrees, upon the request and at the expense of said Assignee, to execute any divisional, continuation, continuation-in-part or substitute application for said invention or improvements, and any oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application(s), and, in the event of any application or Letters Patent assigned herein becoming involved in an interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said Assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said Assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment has not been made.

And for said consideration, the undersigned hereby assigns to said Assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights, and agrees to execute, at the request of said Assignee, all documents in connection with any application for foreign Letters Patent therefor.

IN WITNESS WHEREOF, I have hereunto set my hand the 23<sup>rd</sup> day of

July, 2007.

Toni M. Kutchan  
Toni M. Kutchan

STATE OF MISSOURI

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: SS  
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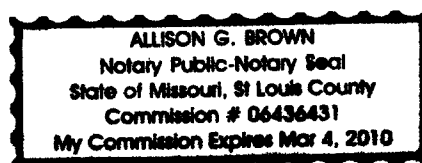
COUNTY OF ST. LOUIS

On this 23<sup>rd</sup> day of July, 2007 before me, a Notary Public, within and for the County of St. Louis, State of Missouri, personally appeared Toni M. Kutchan, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Allison G. Brown  
Notary Public

My Commission Expires: 3/4/10



IN WITNESS WHEREOF, I have hereunto set my hand the 23<sup>rd</sup> day of

ky, 2007.

Anan Ounaroan  
Anan Ounaroan

STATE OF MISSOURI

:  
: SS  
:

COUNTY OF ST. LOUIS

On this 3<sup>rd</sup> day of July, 2007 before me, a Notary Public, within and for the County of St. Louis, State of Missouri, personally appeared Anan Ounaroan, to me known to be the person described in and who executed the foregoing assignment and acknowledged that he executed same as his free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal the date and year last above written.

Allison G. Brown  
Notary Public

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