

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James M. Renga</td> <td>03/09/2007</td> </tr> <tr> <td>Ronald Ross</td> <td>03/13/2007</td> </tr> <tr> <td>Timothy P. Martin</td> <td>03/13/2007</td> </tr> <tr> <td>Kim E. Arndt</td> <td>03/08/2007</td> </tr> <tr> <td>Nicholas M. Irvine</td> <td>03/13/2007</td> </tr> </tbody> </table>		Name	Execution Date	James M. Renga	03/09/2007	Ronald Ross	03/13/2007	Timothy P. Martin	03/13/2007	Kim E. Arndt	03/08/2007	Nicholas M. Irvine	03/13/2007
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Timothy P. Martin	03/13/2007												
Kim E. Arndt	03/08/2007												
Nicholas M. Irvine	03/13/2007												
RECEIVING PARTY DATA													
Name:	Dow AgroSciences LLC												
Street Address:	9330 Zionsville Road												
City:	Indianapolis												
State/Country:	INDIANA												
Postal Code:	46268												
PROPERTY NUMBERS Total: 2													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11704825</td> </tr> <tr> <td>Application Number:</td> <td>12392664</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11704825	Application Number:	12392664						
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Application Number:	11704825												
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CORRESPONDENCE DATA													
Fax Number:	(317)337-4847												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	3173374087												
Email:	msbradley@dow.com												
Correspondent Name:	Dow AgroSciences LLC												
Address Line 1:	9330 Zionsville Road												
Address Line 4:	Indianapolis, INDIANA 46268												
ATTORNEY DOCKET NUMBER:	64937A, 64937B												
NAME OF SUBMITTER:	Melanie S. Bradley												

CH \$80.00 11704825

PATENT

Total Attachments: 4

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This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/T/Date
 FORM 110 (R. 5/97)

INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **PROCESS FOR THE PREPARATION OF 2-SUBSTITUTED-5-(1-ALKYLTHIO)ALKYLPIRIDINES**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow AgroSciences LLC
 9330 Zionsville Road
 Indianapolis, Indiana 46268-1054

a corporation organized and existing under the laws of the State of **Delaware** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

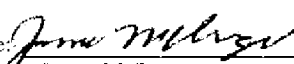
Priority Number	Filing Date	Filing Country
60/835,940	August 7, 2006	United States of America


of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent Application Number, Filing Date, and Filing Country


Application Number	Filing Date	Filing Country
11/704,825	February 9, 2007	United States of America

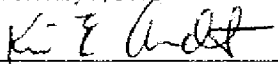
to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Indianapolis, Indiana United States of America this <u>9th</u> day of <u>March</u> , 20 <u>07</u> Effective as of February 9, 2007
Signature:  Full Name: James M. Renga Residence: 5801 North Central Avenue Indianapolis, Indiana 46220 Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: Dow AgroSciences LLC Of Country: United States of America

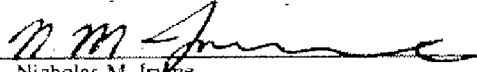
At: Indianapolis, Indiana United States of America this <u>13</u> day of <u>March</u> , 20 <u>07</u> Effective as of February 9, 2007
Signature:  Full Name: Ronald Ross Residence: 445 West Hawthorne Street Zionsville, Indiana 46077 Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: Dow AgroSciences LLC Of Country: United States of America

At: Indianapolis, Indiana United States of America this <u>13</u> day of <u>MARCH</u> , 20 <u>07</u> Effective as of February 9, 2007
Signature:  Full Name: Timothy P. Martin Residence: 6095 Ramsey Drive Noblesville, Indiana 46062 Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: Dow AgroSciences LLC Of Country: United States of America

At: Indianapolis, Indiana United States of America this <u>8th</u> day of <u>March</u> , 20 <u>07</u> Effective as of February 9, 2007
Signature:  Full Name: Kim E. Arndt Residence: 13563 Spring Farms Drive Carmel, Indiana 46032 Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: Dow AgroSciences LLC Of Country: United States of America

(X) Additional names and signatures are attached.

At: Indianapolis, Indiana United States of America
 this 13 day of MARCH, 2007
 Effective as of February 9, 2007

Signature: 
 Full Name: Nicholas M. Irvine
 Residence: 327 West Columbine Lane
 Westfield, Indiana 46074
 Country: United States of America
 Citizenship: United States of America
 P.O. Address: Same as residence
 Employed By: Dow AgroSciences LLC
 Of Country: United States of America

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

At: _____ day of _____, 20____

Signature: _____
 Full Name: _____
 Residence: _____

Country: _____
 Citizenship: _____
 P.O. Address: Same as residence
 Employed By: _____
 Of Country: _____

This Form 220 is on the English language and has the same number and title in other languages with the same 220 number and title.

FORM 220

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF INDIANA) SS
County/Parish of Marion)

On this 13th day of March, 2007, personally appeared before me,
James M. Renga

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Melanie S. Bradley
MELANIE S. BRADLEY
NOTARY PUBLIC, MARION COUNTY, INDIANA
MY COMMISSION EXPIRES NOVEMBER 2, 2012

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF INDIANA) SS
County/Parish of Marion)

On this 13th day of March, 2007, personally appeared before me,
Ronald Ross

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Melanie S. Bradley
MELANIE S. BRADLEY
NOTARY PUBLIC, MARION COUNTY, INDIANA
MY COMMISSION EXPIRES NOVEMBER 2, 2012

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF INDIANA) SS
County/Parish of Marion)

On this 13th day of March, 2007, personally appeared before me,
Timothy P. Martin

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Melanie S. Bradley
MELANIE S. BRADLEY
NOTARY PUBLIC, MARION COUNTY, INDIANA
MY COMMISSION EXPIRES NOVEMBER 2, 2012

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF INDIANA) SS
County/Parish of Marion)

On this 8th day of March, 2007, personally appeared before me,
Kim E. Arndt

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Melanie S. Bradley
MELANIE S. BRADLEY
NOTARY PUBLIC, MARION COUNTY, INDIANA
MY COMMISSION EXPIRES NOVEMBER 2, 2012

NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA)
STATE OF INDIANA) SS
County/Parish of)

On this 13th day of March, 2007, personally appeared before me,
Nicholas M. Irvine

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Melanie S. Bradley
MELANIE S. BRADLEY
NOTARY PUBLIC, MARION COUNTY, INDIANA
MY COMMISSION EXPIRES NOVEMBER 2, 2012