

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Paul W. Borth	01/17/2008
Nailah Orr	01/17/2008
Peter N. Scherer	01/14/2008
Brian M. Schneider	01/11/2008
Mike P. Tolley	01/11/2008
Christopher J. Voglewede	01/31/2008
Gary D. Crouse	01/17/2008
David G. McCaskill	01/17/2008
Kerm Y. Yau	01/17/2008
Edward L. Olberding	02/05/2008
Joseph J. DeMark	02/05/2008
Marc L. Fisher	01/22/2008

**RECEIVING PARTY DATA**

Name:	Dow AgroSciences LLC
Street Address:	9330 Zionsville Road
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46268

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	11975914

**CORRESPONDENCE DATA**

Fax Number: (317)337-4847  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 3173374820  
 Email: mdlyons@dow.com

CH \$40.00 11975914

Correspondent Name: Dow AgroSciences LLC  
Address Line 1: 9330 Zionsville Road  
Address Line 4: Indianapolis, INDIANA 46268

ATTORNEY DOCKET NUMBER:

64745A US

NAME OF SUBMITTER:

Michele Lyons

**Total Attachments: 8**

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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: **BEDBUG DETECTION, MONITORING AND CONTROL TECHNIQUES**

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  
UNITED STATES OF AMERICA

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

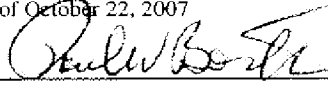
Priority Number	Filing Date	Filing Country
60/853,573	October 23, 2006	United States of America
60/854,378	October 25, 2006	United States of America

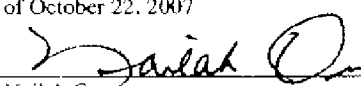
of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation 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

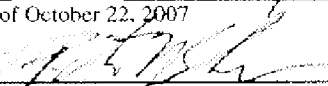
Application Number	Filing Date	Filing Country
11/975,914	October 22, 2007	United States of America

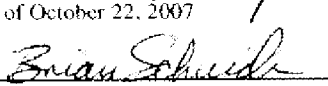
to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent 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: <u>Indianapolis, Indiana 46268 United States of America</u> this <u>17</u> day of <u>JANUARY</u> , 20 <u>08</u> Effective as of October 22, 2007
Signature: 
Full Name: Paul W. Borth Residence: 10255 Fox Trace 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

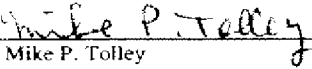
At: <u>Indianapolis, Indiana 46268 United States of America</u> this <u>17</u> day of <u>Jan</u> , 20 <u>08</u> Effective as of October 22, 2007
Signature: 
Full Name: Nailah Orr Residence: 10899 Weston Drive Carmel, Indiana 46032 Country: United States of America Citizenship: United States of America P.O. Address: Same as residence Employed By: Dow AgroSciences LLC Of Country: United States of America

At: <u>Indianapolis, Indiana 46268 United States of America</u> this <u>14</u> day of <u>January</u> , 20 <u>08</u> Effective as of October 22, 2007
Signature: 
Full Name: Peter N. Scherer Residence: 575 North 500 West Lebanon, Indiana 46052 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

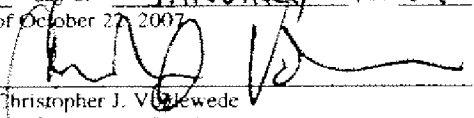
At: <u>Indianapolis, Indiana 46268 United States of America</u> this <u>17th</u> day of <u>January</u> , 20 <u>08</u> Effective as of October 22, 2007
Signature: 
Full Name: Brian M. Schneider Residence: 75 Red Oak Lane Carmel, Indiana 46033 Country: United States of America Citizenship: United States 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.

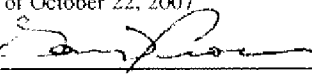
At: Indianapolis, Indiana 46268 United States of America  
 this 11 day of January, 20 08  
 Effective as of October 22, 2007

Signature:   
 Full Name: Mike P. Tolley  
 Residence: 8611 Shoal Creek Lane  
 Indianapolis, Indiana 46234  
 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 46268 United States of America  
 this 31 day of JANUARY, 20 08  
 Effective as of October 22, 2007

Signature:   
 Full Name: Christopher J. Velewede  
 Residence: 5318 Newcastle Road  
 Lafayette, Indiana 47905  
 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

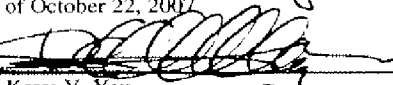
At: Indianapolis, Indiana 46268 United States of America  
 this 17 day of January, 20 08  
 Effective as of October 22, 2007

Signature:   
 Full Name: Gary D. Crouse  
 Residence: 5069 East 146th Street  
 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 46268 United States of America  
 this 19 day of Jan, 20 08  
 Effective as of October 22, 2007

Signature:   
 Full Name: David G. McCaskill  
 Residence: 135 Plymouth Rock Court  
 Greenwood, Indiana 46142  
 Country: United States of America  
 Citizenship: Canada  
 P.O. Address: Same as residence  
 Employed By: Dow AgroSciences LLC  
 Of Country: United States of America

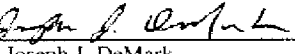
At: Indianapolis, Indiana 46268 United States of America  
 this 17 day of January, 20 08  
 Effective as of October 22, 2007

Signature:   
 Full Name: Kerm Y. Yau  
 Residence: 14482 Baldwin Lane  
 Carmel, Indiana 46032  
 Country: United States of America  
 Citizenship: Canada  
 P.O. Address: Same as residence  
 Employed By: Dow AgroSciences LLC  
 Of Country: United States of America

At: Indianapolis, Indiana 46268 United States of America  
 this 5TH day of FEBRUARY, 20 08  
 Effective as of October 22, 2007

Signature:   
 Full Name: Edward L. Olberding  
 Residence: 4887 Willow Ridge Court  
 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 46268 United States of America  
 this 5TH day of February, 20 08  
 Effective as of October 22, 2007

Signature:   
 Full Name: Joseph J. DeMark  
 Residence: 14269 Chariots Whisper Drive  
 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: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: Marc L. Fisher  
 Residence: 1115 Arrington Road  
 Blacksburg, Virginia 24060  
 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: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_

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

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_

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

At: Indianapolis, Indiana 46268 United States of America  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: Mike P. Tolley  
 Residence: 8611 Shoal Creek Lane  
 Indianapolis, Indiana 46234  
 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 46268 United States of America  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: Christopher J. Voglewede  
 Residence: 5315 Newcastle Road  
 Lafayette, Indiana 47905  
 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 46268 United States of America  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: Gary D. Crouse  
 Residence: 5069 East 146th Street  
 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 46268 United States of America  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: David G. McCaskill  
 Residence: 135 Plymouth Rock Court  
 Greenwood, Indiana 46142  
 Country: United States of America  
 Citizenship: Canada  
 P.O. Address: Same as residence  
 Employed By: Dow AgroSciences LLC  
 Of Country: United States of America

At: Indianapolis, Indiana 46268 United States of America  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: Kern Y. Yau  
 Residence: 14482 Baldwin Lane  
 Carmel, Indiana 46032  
 Country: United States of America  
 Citizenship: Canada  
 P.O. Address: Same as residence  
 Employed By: Dow AgroSciences LLC  
 Of Country: United States of America


At: Indianapolis, Indiana 46268 United States of America  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: Edward L. Olfberding  
 Residence: 4887 Willow Ridge Court  
 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 46268 United States of America  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 Effective as of October 22, 2007

Signature: \_\_\_\_\_  
 Full Name: Joseph J. DeMark  
 Residence: 14269 Chariots Whisper Drive  
 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: Blacksburg, Virginia 24062, USA  
 this 22 day of January, 2008  
 Effective as of October 22, 2007

Signature:   
 Full Name: Marc L. Fisher  
 Residence: 1115 Arrington Road  
 Blacksburg, Virginia 24060  
 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: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_

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

At: \_\_\_\_\_  
 this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

Signature: \_\_\_\_\_  
 Full Name: \_\_\_\_\_  
 Residence: \_\_\_\_\_

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

This Assignment 220 is in the ENGLISH language and has the same meaning in other languages with the same 220 number and R/T/Date

FORM 220

NOTARIAL CERTIFICATE (Individual)

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

On this 17th day of January, 20 08, personally appeared before me, Paul W. Borth

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 17th day of January, 20 08, personally appeared before me, Nailah Orr

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 )

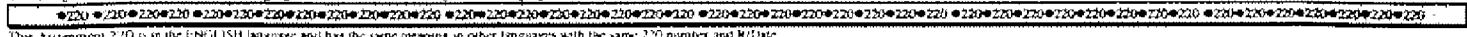
On this 14th day of January, 20 08, personally appeared before me, Peter N. Scherer

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

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FORM 220

NOTARIAL CERTIFICATE (Individual)

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

On this 11<sup>th</sup> day of January, 2008, personally appeared before me,  
Brian M. Schneider

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 11<sup>th</sup> day of January, 2008, personally appeared before me,  
Mike P. Tolley

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 31<sup>st</sup> day of January, 2008, personally appeared before me,  
Christopher J. Voglewede

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

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FORM 220

NOTARIAL CERTIFICATE (Individual)

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

On this 17<sup>th</sup> day of January, 20 08, personally appeared before me,  
Gary D. Crouse

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 17<sup>th</sup> day of January, 20 08, personally appeared before me,  
David G. McCaskill

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 17<sup>th</sup> day of January, 20 08, personally appeared before me,  
Kerry Y. Yau

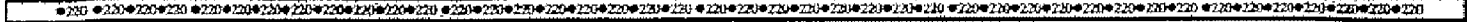
known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

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



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FORM 220

NOTARIAL CERTIFICATE (Individual)

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

On this 5th day of February, 2008, personally appeared before me,  
Edward L. Olberding

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 )

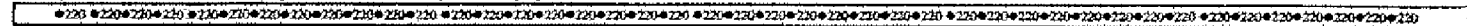
On this 5th day of February, 2008, personally appeared before me,  
Joseph J. DeMark

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

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FORM 220

### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA )  
STATE OF *Virginia* ) SS  
County/Parish of *Montgomery* )

On this 22 day of January, 20 08, personally appeared before me,  
Marc L. Fisher

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.



*Selena Shrewsberry*  
Notary Public:  
State of: *Virginia*  
County/Parish: *Montgomery*  
My Commission Expires: *7-31-2010*