

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3457013

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|---|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| IAIN O'CALLAGHAN | 10/25/2013 |
| BENJAMIN M NUGENT | 10/23/2013 |
| KEVIN G MEYER | 10/23/2013 |
| W. JOHN OWEN | 10/23/2013 |
| CHENGLIN YAO | 10/23/2013 |
| TIMOTHY P MARTIN | 10/24/2013 |
| JEREMY WILMOT | 10/23/2013 |
| JOHNATHAN E DELORBE | 10/29/2013 |
| WILLIAM H DENT III | 10/23/2013 |
| ANNE M WILSON | 10/17/2013 |
| RECEIVING PARTY DATA | |
| Name: | DOW AGROSCIENCES LLC |
| Street Address: | 9330 ZIONSVILLE ROAD |
| City: | INDIANAPOLIS |
| State/Country: | INDIANA |
| Postal Code: | 46268 |
| PROPERTY NUMBERS Total: 4 | |
| Property Type | Number |
| Application Number: | 14500628 |
| Application Number: | 14500621 |
| PCT Number: | US2014058061 |
| PCT Number: | US2014058065 |
| CORRESPONDENCE DATA | |
| Fax Number: | (317)337-4847 |
| <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> | |
| Phone: | 3173374820 |
| Email: | mdlyons@dow.com |
| Correspondent Name: | DOW AGROSCIENCES LLC |
| Address Line 1: | 9330 ZIONSVILLE ROAD |

PATENT

| | |
|--|-----------------|
| Address Line 4: INDIANAPOLIS, INDIANA 46268 | |
| ATTORNEY DOCKET NUMBER: | 72481 PSP |
| NAME OF SUBMITTER: | MICHELE LYONS |
| SIGNATURE: | /Michele Lyons/ |
| DATE SIGNED: | 07/27/2015 |

Total Attachments: 39

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 1st day of October, 2013, by Benjamin M. Nugent; Kevin G. Meyer; W. John Owen; Chenglin Yao; Timothy P. Martin; Anne A. Wilson; Iain O'Callaghan; Jeremy Wilmot; Jonathan E. DeLorbe; and William H. Dent, III (hereinafter referred to as Assignors), residing at 794 King Fisher Drive, Brownsburg, Indiana 46112; 100 Lexington Court, Zionsville, Indiana 46077; 12421 Pebblepointe Pass, Carmel, Indiana 46033; 14178 Esprit Drive, Westfield, Indiana 46074; 6095 Ramsey Drive, Noblesville, Indiana 46062; 8913 Sourwood Ct., Indianapolis, Indiana 46260; Farrantouke Lodge, Farm Lane, Kinsale, County Cork, IRELAND; 753 Bloor Woods Court, Zionsville, Indiana 46077; 2130 Williams Glen Blvd., Zionsville, Indiana 46077; and 8350 Pine Branch Lane, Indianapolis, Indiana 46234, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in MACROCYCLIC PICOLINAMIDE COMPOUNDS WITH FUNGICIDAL ACTIVITY, set forth in a Patent application for Letters Patent of the United States, already filed on October 1, 2013 as U.S. Application No. 61/885,380; and

WHEREAS, Dow AgroSciences LLC, a Limited Liability Company organized under and pursuant to the laws of Delaware having its principal place of business at 9330 Zionsville Road, Indianapolis, Indiana 46268 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration and/or the remuneration received for my/our work and/or other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and to any and all priority applications, direct and indirect divisions, continuations, continuations-in-part related to said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon.

and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

DOW AGROSCIENCES LLC

All practitioners at Customer Number 25212

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Benjamin M. Nugent

Date: _____

United States of America)

State of _____) ss.:

County of _____)

On this _____ day of _____, before me
personally came Benjamin M. Nugent, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Kevin G. Meyer

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came _____ Kevin G. Meyer, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

W. John Owen

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came _____ W. John Owen, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Chenglin Yao

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came _____ Chenglin Yao, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____ Timothy P. Martin _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Anne A. Wilson

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me
personally came _____ Anne A. Wilson, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Iain O'Callaghan

Iain O'Callaghan

Date: 10/25/13

Ireland)
 State of) ss.:
 County of CORK)

On this 25th day of October, 2013, before me
 personally came Iain O'Callaghan, to me known to be the individual
 described in and who executed the foregoing instrument, and acknowledged execution
 of the same.

Michael Patwell

Notary Public

Michael Patwell,
 "Carnig Bân", Tulligmore,
 Ballinhassig, Co. Cork, Ireland
 Notary Public & Commissioner for Oaths
 For the County of Cork, Ireland.
 Commissioned for Life



Jeremy Wilmot

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came _____ Jeremy Wilmot, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

United States of America)
State of _____) ss.:
County of _____)

Notary Public

United States of America)
State of _____) ss.:
County of _____)

Notary Public

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 1st day of October, 2013, by Benjamin M. Nugent; Kevin G. Meyer; W. John Owen; Chenglin Yao; Timothy P. Martin; Anne M. Wilson; Iain O'Callahan; Jeremy Wilmot; Jonathan E. DeLorbe; and William H. Dent, III (hereinafter referred to as Assignors), residing at 794 King Fisher Drive, Brownsburg, Indiana 46112; 100 Lexington Court, Zionsville, Indiana 46077; 12421 Pebblepointe Pass, Carmel, Indiana 46033; 14178 Esprit Drive, Westfield, Indiana 46074; 6095 Ramsey Drive, Noblesville, Indiana 46062; 8913 Sourwood Ct., Indianapolis, Indiana 46260; Farrantouke Lodge, Farm Lane, Kinsale, County Cork, IRELAND; 753 Bloor Woods Court, Zionsville, Indiana 46077; 2130 Williams Glen Blvd., Zionsville, Indiana 46077; and 8350 Pine Branch Lane, Indianapolis, Indiana 46234, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in MACROCYCLIC PICOLINAMIDE COMPOUNDS WITH FUNGICIDAL ACTIVITY, set forth in a Patent application for Letters Patent of the United States, already filed on October 1, 2013 as U.S. Application No. 61/885,380; and

WHEREAS, Dow AgroSciences LLC, a Limited Liability Company organized under and pursuant to the laws of Delaware having its principal place of business at 9330 Zionsville Road, Indianapolis, Indiana 46268 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and valuable consideration and/or the remuneration received for my/our work and/or other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and to any and all priority applications, direct and indirect divisions, continuations, continuations-in-part related to said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon,

and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

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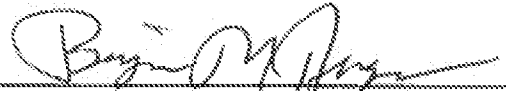
AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

DOW AGROSCIENCES LLC

All practitioners at Customer Number 25212

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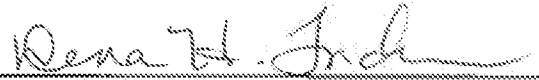


Benjamin M. Nugent

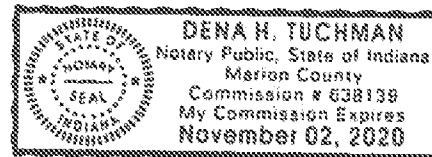
Date: 10/23/2013

United States of America)
State of Indiana) ss.:
County of Marion)

On this 23rd day of October, 2013, before me
personally came Benjamin M. Nugent, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Notary Public



Kevin G. Meyer
Kevin G. Meyer

Date: 10/23/13

United States of America)
State of Indiana) ss.:
County of Marion)

On this 23rd day of October, 2013, before me
personally came Kevin G. Meyer, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Dena H. Tuchman
Notary Public



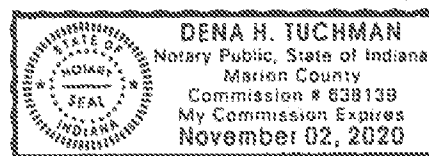
W. John Owen
W. John Owen

Date: 10/23/13

United States of America)
State of Indiana) ss.:
County of Marion)

On this 23rd day of October, 2013, before me
personally came W. John Owen, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Dena H. Tuchman
Notary Public

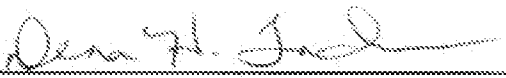


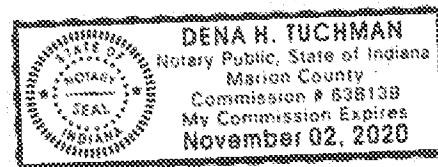

Chenglin Yao

Date: Oct 23, 2013

United States of America)
State of Indiana) ss.:
County of Marion)

On this 23rd day of October, 2013, before me
personally came Chenglin Yao, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public

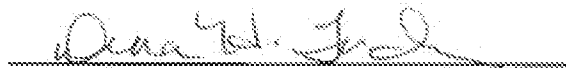



Timothy P. Martin

Date: OCTOBER 24, 2013

United States of America)
State of Indiana) ss.:
County of Marietta)

On this 24th day of October, 2013, before me
personally came Timothy P. Martin, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.


Notary Public

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____ Anne A. Wilson _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Iain O'Callahan

Date: _____

Ireland)
State of) ss.:
County of) _____

On this _____ day of _____, _____, before me
personally came _____ Iain O'Callahan _____, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

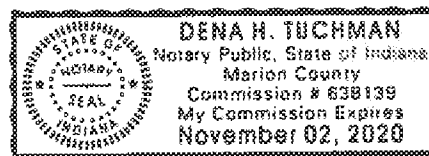
Jeremy Wilmot
Jeremy Wilmot

Date: 10-23-2013

United States of America)
State of Indiana) ss.:
County of Marion)

On this 23rd day of October, 2013, before me
personally came Jeremy Wilmot, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Dena H. Tuchman
Notary Public



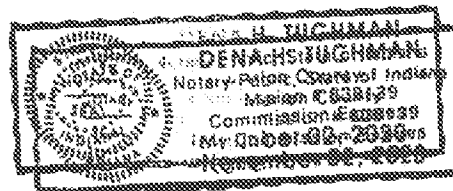
John E. DeLorbe
 Jonathan E. DeLorbe
 Schneller 10-29-13 JED

Date: 10/29/13

United States of America)
 State of Indiana) ss.:
 County of Marion)

On this 29th day of October, 2013, before me
 personally came Jonathan E. DeLorbe, to me known to be the individual
 described in and who executed the foregoing instrument, and acknowledged execution
 of the same. Schneller 10-29-13 JED

Anna H. Judd
 Notary Public



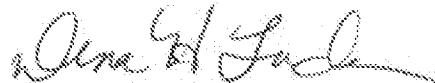


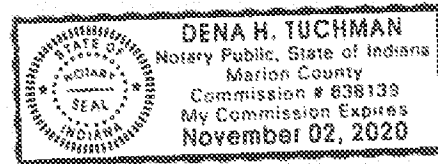
 William H. Dent, III

 Date: 10/23/13

 United States of America)
 State of _____) ss.:
 County of _____)

On this 23rd day of October, 2013, before me personally came William H. Dent, III, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



 Notary Public


ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 1st day of October, 2013, by Benjamin M. Nugent; Kevin G. Meyer; W. John Owen; Chenglin Yao; Timothy P. Martin; Anne M. Wilson; Iain O'Callahan; Jeremy Wilmot; Jonathan E. DeLorbe; and William H. Dent, III (hereinafter referred to as Assignors), residing at 794 King Fisher Drive, Brownsburg, Indiana 46112; 100 Lexington Court, Zionsville, Indiana 46077; 12421 Pebblepointe Pass, Carmel, Indiana 46033; 14178 Esprit Drive, Westfield, Indiana 46074; 6095 Ramsey Drive, Noblesville, Indiana 46062; 8913 Sourwood Ct., Indianapolis, Indiana 46260; Farrantouke Lodge, Farm Lane, Kinsale, County Cork, IRELAND; 753 Bloor Woods Court, Zionsville, Indiana 46077; 2130 Williams Glen Blvd., Zionsville, Indiana 46077; and 8350 Pine Branch Lane, Indianapolis, Indiana 46234, respectively;

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and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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DOW AGROSCIENCES LLC

All practitioners at Customer Number 25212

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

.....

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came Benjamin M. Nugent, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

United States of America)
State of _____) ss.:
County of _____)

Notary Public

W. John Owen

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me
personally came _____ W. John Owen _____, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Chenglin Yao

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____ Chenglin Yao _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

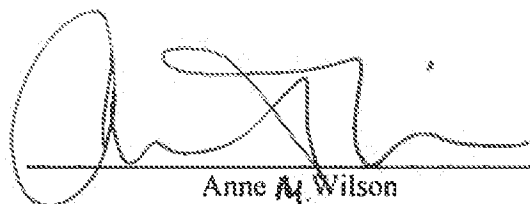
Notary Public

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____ Timothy P. Martin _____, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

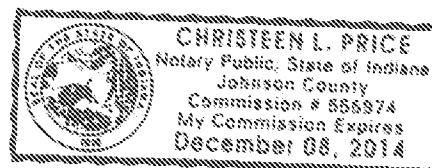

Anne M. Wilson

Date: October 17, 2013

United States of America)
State of Indiana) ss.:
County of Marion)

On this 17th day of October 2013, Anne M. Wilson ^{AMW 10-17-13} before me personally came Anne M. Wilson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public



Iain O'Callahan

Date: _____

Ireland)
State of) ss.:
County of)

On this _____ day of _____, before me
personally came _____ Iain O'Callahan, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

United States of America)
State of _____) ss.:
County of _____)

Notary Public

Jonathan E. DeLorbe

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me
personally came _____ Jonathan E. DeLorbe _____, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came _____ William H. Dent, III, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.