

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOMAS HUDLICKY	08/24/2011
ROBERT JAMES CARROLL	08/24/2011
HANNES LEISCH	08/30/2011
ALES MACHARA	08/24/2011
LUKAS WERNER	08/29/2011
MARY ANN ENDOMA-ARIAS	08/24/2011
RECEIVING PARTY DATA	
Name:	BROCK UNIVERSITY
Street Address:	500 GLENRIDGE AVENUE
City:	ST. CATHARINES, ONTARIO
State/Country:	CANADA
Postal Code:	L2S 3A1
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14609612
CORRESPONDENCE DATA	
Fax Number:	(215)563-4044
<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:	215-563-4100
Email:	docketclerk@ddhs.com
Correspondent Name:	DANN, DORFMAN, HERRELL AND SKILLMAN, PC
Address Line 1:	1601 MARKET STREET
Address Line 2:	SUITE 2400
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	2189-P05343US01
NAME OF SUBMITTER:	PATRICK J. HAGAN
SIGNATURE:	/Patrick J. Hagan/
DATE SIGNED:	03/03/2015

Total Attachments: 6

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ASSIGNMENT

WHEREAS We, **Tomas Hudlicky**, whose full post office address is 173 Lockhart Drive, St. Catharines, Ontario, Canada, L2T 1W7, **Robert James Carroll**, whose full post office address is 88 Gonville Crescent, Stevenage, Herts SG2 9LX, United Kingdom, **Hannes Leisch**, whose full post office address is Am Kogl 6/2, 4866 Unterach am Attersee, Austria, **Ales Machara**, whose full post office address is Anastazova 21, Praha 6, Brevnov, 16900 Czech Republic, **Lukas Werner**, whose full post office address is Chomutovska 1229, Kadan, 43201, Czech Republic and **Mary Ann Endoma-Arias**, whose full post office address is c/o Institute of Chemistry, University of Philippines, Diliman, Quezon City, Philippines, 1101 are inventors of an invention entitled **METHODS FOR ONE-POT N-DEMETHYLATION/N-FUNCTIONALIZATION OF MORPHINE AND TROPANE ALKALOIDS** for which U.S. Patent Application No. 13/178,623 was filed on July 8, 2011;

AND WHEREAS **Brock University**, whose full post office address is 500 Glenridge Avenue, St. Catharines, Ontario, Canada, L2S 3A1, has acquired from us our whole right, title and interest for the United States of America, and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefor, and in and to said application,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, we, **Tomas Hudlicky**, **Robert James Carroll**, **Hannes Leisch**, **Ales Machara**, **Lukas Werner** and **Mary Ann Endoma-Arias**, by these presents confirm that as of the filing date of **July 8, 2011** we have sold, assigned and transferred and do hereby sell, assign and transfer unto the said **Brock University**, our full and exclusive right to the said invention in the United States of America, Canada and all other countries and our entire right, title and interest in and to any and all Letters Patent which may be granted therefor, and our entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said application and to any other patent application and patents that claim priority from the aforementioned patent application, together

with our right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, based on said patent applications.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and for additions and modifications thereto in any and all countries, and to vest title thereto in said **Brock University**, its successors, assigns and legal representatives or nominees.

We hereby authorize and request the Commissioner of Patents and Trademarks in the U.S. and all other equivalent patent granting authorities in other jurisdictions to issue said Letters Patent to the said **Brock University**, the assignee of our entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

The undersigned hereby grant the firm of Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l. (40 King Street West, Toronto, Ontario, Canada M5H 3Y2) 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, or other Patent Offices in the world, for recordation of this document.

Signed this 24th day of August, 2011, at St. Catharines, Ontario.

Josephine W Reed
Witness

Tomas Hudlicky
Tomas Hudlicky

Signed this _____ day of _____, 2011, at _____.

Witness

Robert James Carroll

with our right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, based on said patent applications.

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Signed this 24th day of August, 2011, at St. Catharines, Ontario.

Josephine W Reed
Witness

Tomas Hudlicky
Tomas Hudlicky

Signed this 30 day of August, 2011, at New York, New York

[Signature]
Witness

[Signature]
Robert James Carroll

Signed this 30th day of August, 2011, at Unkrach, Austria.

Witness [Signature]

[Signature]
Hannes Lelsch

Signed this _____ day of _____, 2011, at _____.

Witness _____

_____ Ales Machara

Signed this _____ day of _____, 2011, at _____.

Signed this _____ day of _____, 2011, at _____.

Witness _____

_____ Lukas Werner

Signed this 24th day of August, 2011, at St. Catharines, Ontario.

Witness [Signature]

[Signature]
~~Ann Marie Endoma-Arias~~
Mary Ann

Signed this 24th day of August, 2011, at St. Catharines, Ontario.

Witness [Signature]

[Signature]
Brock University
Name: Gary Libben
Position: Vice-President, Research

Signed this _____ day of _____, 2011, at _____

Witness _____ Hannes Leisch

Signed this _____ day of _____, 2011, at _____

[Signature]
Witness _____ Ales Machara

Signed this 24th day of August, 2011, at Prague

Signed this 29th day of August, 2011, at Prague, Czech Republic

[Signature]
Witness _____ Lukas Werner

Signed this 24th day of August, 2011, at St. Catharines, Ontario.

[Signature]
Witness _____ Ann-Marie Endoma-Arias
Mary Ann

Signed this 24th day of August, 2011, at St. Catharines, Ontario.

[Signature]
Witness _____ Brock University
Name: Gary Libben
Position: Vice-President, Research

Signed this _____ day of _____, 2011, at _____.

Witness _____

Hannes Leisch

Signed this _____ day of _____, 2011, at _____.

Witness _____

Ales Machara

Signed this _____ day of _____, 2011, at _____.

Signed this _____ day of _____, 2011, at _____.

Witness _____

Lukas Werner

Signed this 24th day of August, 2011, at St. Catharines, Ontario.

Josephine W Reed
Witness

M. Arias
~~Ann Marie Endoma-Arias~~
Mary Ann

Signed this 24th day of August, 2011, at St. Catharines, Ontario.

Mary Ann
Witness

[Signature]
Brock University
Name: Gary Libben
Position: Vice-President, Research