# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Martin E. Rogers	10/10/2006
Janice P. Phillips	10/11/2006
Bryan Koene	10/10/2006
Marc S. Hirsch	10/10/2006

### **RECEIVING PARTY DATA**

Name:	Luna Innovations Incorporated	
Street Address:	1703 South Jefferson Street, SW	
Internal Address:	Suite 400	
City:	Roanoke	
State/Country:	VIRGINIA	
Postal Code:	24016	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11548406

## **CORRESPONDENCE DATA**

Fax Number: (757)220-3928

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 757-532-3792

Email: patents@infionline.net

Correspondent Name: Joy L. Bryant Address Line 1: P.O. Box 620

Address Line 4: Lightfoot, VIRGINIA 23090

ATTORNEY DOCKET NUMBER:	L214-1
NAME OF SUBMITTER:	Joy L. Bryant

PATENT REEL: 019061 FRAME: 0151

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OP \$40.00 11548

Total Attachments: 8
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#### ASSIGNMENT OF INVENTION

WHEREAS, I, Marc S. Hirsch, of 5671 Split Rail Lane, Roanoke, VA 24018, have invented certain new and useful improvements concerning Self-Decontaminating Surface Coatings and Articles Prepared Therefrom ("Invention"), the Invention being described and identified by an application for United States Letters Patent filed on and having been assigned application number 11/547, 406; and

WHEREAS, <u>Luna Innovations Incorporated</u>, a corporation duly organized under the laws of the State of Delaware and having its principal place of business at <u>1703 South Jefferson Street</u>, <u>SW</u>, <u>Suite 400</u>, <u>Roanoke</u>, <u>VA 24016</u> (hereinafter "ASSIGNEE") is desirous of acquiring an interest in, to and under said Invention and improvements thereon, said application, and any and all Letters Patent which may be granted for or upon said Invention and improvements in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby by these presents do sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said improvements, said United States application, any other United States applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, any foreign applications, including PCT, international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvement or any parts thereof to the full end of the term for which said Letters Patent may be granted;

AND, I hereby authorize and request ASSIGNEE's attorney, Joy L. Bryant, whose address is P.O. Box 620, Lightfoot, Virginia 23090, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known. It is understood and agreed that ASSIGNEE's attorney, Joy L. Bryant, has represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

AND, I hereby agree for myself and my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them without further remuneration;

AND, I hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said improvements had not been otherwise encumbered, and that I have not and will not execute any instrument in conflict therewith.

FURTHERMORE, I covenant and agree to cooperate with ASSIGNEE so that ASSIGNEE may enjoy to the fullest extent the right, title, and interest herein conveyed. Such cooperation shall include:

- (1) Prompt execution of all papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE to perfect the right, title, and interest herein conveyed.
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE for prosecuting the application identified herein, for filing and prosecuting refilings, substitute, divisional, continuing, or additional applications in the United States and/or foreign countries covering the Invention and improvements, for filing and prosecuting applications for reissuance of Letters Patent covering the Invention and improvements, or for interference proceedings involving the Invention and improvements.
- (3) Prompt assistance and cooperation in the prosecution of legal proceedings involving the Invention and improvements, any and all applications for Letters Patent upon said Invention and improvements, and Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, interferences, public use proceedings and court actions;

**SEAL** 

My Commission Expires:

04/30/07

PATENT

**REEL: 019061 FRAME: 0154** 

#### ASSIGNMENT OF INVENTION

WHEREAS, I, Bryan Koene., of 1835 Augusta National Road, Blacksburg, VA 24060, have invented certain new and useful improvements concerning Self-Decontaminating Surface Coatings and Articles Prepared Therefrom ("Invention"), the Invention being described and identified by an application for United States Letters Patent filed on October 11, 2006 and having been assigned application number 11/548, 406; and

WHEREAS, <u>Luna Innovations Incorporated</u>, a corporation duly organized under the laws of the State of Delaware and having its principal place of business at <u>1703 South Jefferson Street</u>, <u>SW</u>, <u>Suite 400</u>, <u>Roanoke</u>, <u>VA 24016</u> (hereinafter "ASSIGNEE") is desirous of acquiring an interest in, to and under said Invention and improvements thereon, said application, and any and all Letters Patent which may be granted for or upon said Invention and improvements in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby by these presents do sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said improvements, said United States application, any other United States applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, any foreign applications, including PCT, international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvement or any parts thereof to the full end of the term for which said Letters Patent may be granted;

AND, I hereby authorize and request ASSIGNEE's attorney, Joy L. Bryant, whose address is P.O. Box 620, Lightfoot, Virginia 23090, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known. It is understood and agreed that ASSIGNEE's attorney, Joy L. Bryant, has represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

AND, I hereby agree for myself and my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them without further remuneration:

AND, I hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said improvements had not been otherwise encumbered, and that I have not and will not execute any instrument in conflict therewith.

FURTHERMORE, I covenant and agree to cooperate with ASSIGNEE so that ASSIGNEE may enjoy to the fullest extent the right, title, and interest herein conveyed. Such cooperation shall include:

- (1) Prompt execution of all papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE to perfect the right, title, and interest herein conveyed.
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE for prosecuting the application identified herein, for filing and prosecuting refilings, substitute, divisional, continuing, or additional applications in the United States and/or foreign countries covering the Invention and improvements, for filing and prosecuting applications for reissuance of Letters Patent covering the Invention and improvements, or for interference proceedings involving the Invention and improvements.
- (3) Prompt assistance and cooperation in the prosecution of legal proceedings involving the Invention and improvements, any and all applications for Letters Patent upon said Invention and improvements, and Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, interferences, public use proceedings and court actions;

AND, I do hereby authorize and request the Director of the United State Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE. IN WITNESS WHEREOF, I have hereunto set my hand and seal. EXECUTED this 10 day of October , 2006.

COMMONWEALTH/STATE OF VIVOUS COUNTY OF Montgonery Before me personally appeared Vnar Koune

, to me known to be the person described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purpose therein set forth, on the day and year aforesaid.

Melisa Blantership Notary Public

**SEAL** 

My Commission Expires:

**PATENT** 

REEL: 019061 FRAME: 0156

CHEMISTRY

WHEREAS, I, Janice P. Phillips., of 800 Southeast Cir. Hattiesburg, MS 39402, have invented certain new and useful improvements concerning Self-Decontaminating Surface Coatings and Articles Prepared Therefrom ("Invention"), the Invention being described and identified by an application for United States Letters Patent filed on October 11, 2006 and having been assigned application number 11/548,406; and

WHEREAS, Luna Innovations Incorporated, a corporation duly organized under the laws of the State of Delaware and having its principal place of business at 1703 South Jefferson Street, SW, Suite 400, Roanoke, VA 24016 (hereinafter "ASSIGNEE") is desirous of acquiring an interest in, to and under said invention and improvements thereon, said application, and any and all Letters Patent which may be granted for or upon said Invention and improvements in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby by these presents do sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said improvements, said United States application, any other United States applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, any foreign applications, including PCT, international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvement or any parts thereof to the full end of the term for which said Letters Patent may be granted;

AND, I hereby authorize and request ASSIGNEE's attorney, Joy L. Bryant, whose address is P.O. Box 620. Lightfoot, Virginia 23090, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known. It is understood and agreed that ASSIGNEE's attorney, Joy L. Bryant, has represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

AND, I hereby agree for myself and my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them without further remuneration;

AND, I hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said improvements had not been otherwise encumbered, and that I have not and will not execute any instrument in conflict therewith.

FURTHERMORE, I covenant and agree to cooperate with ASSIGNEE so that ASSIGNEE may enjoy to the fullest extent the right, title, and interest herein conveyed. Such cooperation shall include:

- (1) Prompt execution of all papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE to perfect the right, title, and interest herein conveyed.
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE for prosecuting the application identified herein, for filling and prosecuting refilings, substitute, divisional, continuing, or additional applications in the United States and/or foreign countries covering the Invention and improvements, for filling and prosecuting applications for reissuance of Letters Patent covering the Invention and improvements, or for interference proceedings involving the Invention and improvements.
- (3) Prompt assistance and cooperation in the prosecution of legal proceedings involving the Invention and improvements, any and all applications for Letters Patent upon said Invention and improvements, and Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, interferences, public use proceedings and court actions;

AND, I do hereby authorize and request the Director of the United State Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

EXECUTED this // day of <u>October</u>, 200 lo

COMMONWEALTH/STATE OF Y USUALIZE

COUNTY OF Marion

and purpose therein set forth, on the day and year aforesaid.

SEAL

My Commission Expires:

**PATENT** 

REEL: 019061 FRAME: 0158

## **ASSIGNMENT OF INVENTION**

WHEREAS, I, Martin E. Rogers, of 1222 Village Way S., Blacksburg, VA 24060, have invented certain new and useful improvements concerning Self-Decontaminating Surface Coatings and Articles Prepared Therefrom ("Invention"), the Invention being described and identified by an application for United States Letters Patent filed on and having been assigned application number 11/548, 406; and

WHEREAS, <u>Luna Innovations Incorporated</u>, a corporation duly organized under the laws of the State of Delaware and having its principal place of business at <u>1703 South Jefferson Street</u>, <u>SW</u>, <u>Suite 400</u>, <u>Roanoke</u>, <u>VA 24016</u> (hereinafter "ASSIGNEE") is desirous of acquiring an interest in, to and under said Invention and improvements thereon, said application, and any and all Letters Patent which may be granted for or upon said Invention and improvements in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby by these presents do sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said improvements, said United States application, any other United States applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, any foreign applications, including PCT, international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvement or any parts thereof to the full end of the term for which said Letters Patent may be granted;

AND, I hereby authorize and request ASSIGNEE's attorney, Joy L. Bryant, whose address is P.O. Box 620, Lightfoot, Virginia 23090, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known. It is understood and agreed that ASSIGNEE's attorney, Joy L. Bryant, has represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

AND, I hereby agree for myself and my heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them without further remuneration;

AND, I hereby covenant for myself and my legal representatives, and agree with said ASSIGNEE, its successors and assigns, that I have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, my right, title and interest in said improvements had not been otherwise encumbered, and that I have not and will not execute any instrument in conflict therewith.

FURTHERMORE, I covenant and agree to cooperate with ASSIGNEE so that ASSIGNEE may enjoy to the fullest extent the right, title, and interest herein conveyed. Such cooperation shall include:

- (1) Prompt execution of all papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE to perfect the right, title, and interest herein conveyed.
- (2) Prompt execution of all petitions, oaths, specifications, declarations or other papers, to be prepared at the expense of ASSIGNEE, that are deemed necessary or desirable by ASSIGNEE for prosecuting the application identified herein, for filing and prosecuting refilings, substitute, divisional, continuing, or additional applications in the United States and/or foreign countries covering the Invention and improvements, for filing and prosecuting applications for reissuance of Letters Patent covering the Invention and improvements, or for interference proceedings involving the Invention and improvements.
- (3) Prompt assistance and cooperation in the prosecution of legal proceedings involving the Invention and improvements, any and all applications for Letters Patent upon said Invention and improvements, and Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, interferences, public use proceedings and court actions;

AND, I do hereby authorize and request the Director of the United State Patent and Trademark Office to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

Williams Williams ; I have hereumo set my hand and seal.
EXECUTED this 10 to day of October, 2006.
MARTIN E. ROGERS
WARTIN E. ROGERS
COUNTY OF Windowserd Windowserd County of Mindowserd Windowserd County of Rockers, to me known to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the us and purpose therein set forth, on the day and year aforesaid.
Nelish Plankership Notary Public
SEAL
My Commission Funites
My Commission Expires: 04/30/07