

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5600029

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HEATHER A. TUCKER	05/20/2019
MATTHEW MAHONEY	06/18/2019
TRACY M. RODE	05/20/2019
JASON SCHULTZ	05/20/2019
MERCEDES VÁZQUEZ-AÑÓN	05/20/2019
WILLIAM SCOTT HINE	05/20/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOVUS INTERNATIONAL, INC.
<b>Street Address:</b>	20 RESEARCH PARK DRIVE
<b>City:</b>	ST. CHARLES
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	63304
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16412634
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(618)655-9640
<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>	
<b>Phone:</b>	314-889-8000
<b>Email:</b>	IPdocket@polsinelli.com
<b>Correspondent Name:</b>	POLSINELLI PC
<b>Address Line 1:</b>	105 WEST VANDALIA STREET
<b>Address Line 2:</b>	SUITE 400
<b>Address Line 4:</b>	EDWARDSVILLE, ILLINOIS 62025
<b>ATTORNEY DOCKET NUMBER:</b>	048968-621268
<b>NAME OF SUBMITTER:</b>	REBECCA L. ENDSLEY, PARALEGAL
<b>SIGNATURE:</b>	/Rebecca L. Endsley/
<b>DATE SIGNED:</b>	07/01/2019

**Total Attachments: 8**

source=621268 Assignment#page1.tif

source=621268 Assignment#page2.tif

source=621268 Assignment#page3.tif

source=621268 Assignment#page4.tif

source=621268 Assignment#page5.tif

source=621268 Assignment#page6.tif

source=621268 Assignment#page7.tif

source=621268 Assignment#page8.tif

UNITED STATES PATENT ASSIGNMENT

WHEREAS, Heather A. Tucker, Matthew Mahoney, Tracy M. Rode, Jason Schultz, Mercedes Vázquez-Añón, and <sup>William Scott Hine</sup> Scott W. Hine (hereinafter referred to as "ASSIGNOR"), for an invention relating to an improvement in **MEANS FOR PROTECTING METHIONINE HYDROXY ANALOG FROM RUMEN DEGRADATION** (048968-621268) (the "INVENTION") and has executed an application for a United States patent based thereon (U.S. Patent Application Serial No. 16/412,634; filed May 15, 2019) (the "APPLICATION");

AND, WHEREAS, **NOVUS INTERNATIONAL, INC.**, a Delaware corporation, having its principal place of business at 20 Research Park Drive, St. Charles, Missouri 63304 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for one dollar and other good and valuable consideration, receipt of all of which is hereby acknowledged, ASSIGNOR has agreed to and does hereby sell, assign, and transfer unto said ASSIGNEE the 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 INVENTION, said APPLICATION, any other United States application (including divisional, continuing, or reissue applications) based in whole or in part on said APPLICATION or in whole or in part on said INVENTION, any foreign applications based in whole or in part on any of the aforesaid United States applications or in whole or in part on said INVENTION, and any and all patents (including extensions thereof) of any country which have been or may be granted on any of the aforesaid applications or on said INVENTION or any part thereof;

TO BE HELD AND ENJOYED by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had no sale and assignment of said interest been made;

AND ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said INVENTION or any part thereof, to said ASSIGNEE;

AND ASSIGNOR, his successors and assigns, hereby agrees to execute without further consideration any further lawful documents and any further assurances, and any

divisional, continuing, reissue, or other applications for patents of any country, that may be deemed necessary by said ASSIGNEE fully to secure to said ASSIGNEE its interest as aforesaid in and to said INVENTION or any part thereof, and in and to said several patents or any of them;

AND ASSIGNOR hereby covenants and agrees with said ASSIGNEE, its successors and assigns, that ASSIGNOR has granted no right or license to make, use, or sell said INVENTION, to anyone except said ASSIGNEE, that prior to the execution of this assignment, ASSIGNOR'S right, title and interest in said INVENTION has not been otherwise encumbered, and that ASSIGNOR has not executed and will not execute any instrument in conflict herewith.

  
HEATHER A. TUCKER


Date: MAY 20<sup>th</sup>, 2019

ACKNOWLEDGMENT

STATE OF MISSOURI )  
COUNTY OF ST. CHARLES ) SS.  
CITY OF ST. CHARLES

On this 20<sup>th</sup> day of May, 2019, before me appeared HEATHER A. TUCKER to me personally known to be the person described, and said HEATHER A. TUCKER acknowledged said instrument to be his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

  
Notary Public

My Commission Expires:



SHERI VARNEY [SEAL]  
My Commission Expires  
July 1, 2021  
St. Louis County  
Commission #13499211

  
MATTHEW MAHONEY

Date: 6-18-2019

ACKNOWLEDGMENT

STATE OF Missouri )  
CITY OF St. Charles ) SS.

On this 18<sup>th</sup> day of June, 2019 before me appeared MATTHEW MAHONEY to me personally known to be the person described, and said MATTHEW MAHONEY acknowledged said instrument to be his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

1-25-2020 [SEAL]



MICHELE RODELL  
My Commission Expires  
January 25, 2020  
St. Charles County  
Commission # 12474644

Tracy M. Rode  
TRACY M. RODE

Date: 5-20-19

ACKNOWLEDGMENT

STATE OF MISSOURI)  
COUNTY OF ST. CHARLES) SS.

On this 20<sup>th</sup> day of May, 2019, before me appeared TRACY M. RODE to me personally known to be the person described, and said TRACY M. RODE acknowledged said instrument to be his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

Sheri Varney  
Notary Public

My Commission Expires:



SHERI VARNEY  
My Commission Expires [SEAL]  
July 1, 2021  
St. Louis County  
Commission #13495211

  
\_\_\_\_\_  
JASON SCHULTZ

Date: 5-20-2019

ACKNOWLEDGMENT

STATE OF MISSOURI )  
COUNTY ST. CHARLES ) SS.  
CITY OF ST. CHARLES )

On this 20<sup>th</sup> day of May, 2019, before me appeared JASON SCHULTZ to me personally known to be the person described, and said JASON SCHULTZ acknowledged said instrument to be his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:



SHERI VARNEY  
My Commission Expires [SEAL]  
July 1, 2021  
St. Louis County  
Commission #13499211

*Mercedes Vazquez Anon*  
MERCEDES VAZQUEZ-ANON

Date: May 20, 2019

ACKNOWLEDGMENT

STATE OF MISSOURI )  
COUNTY ST. CHARLES ) SS.  
CITY OF ST. CHARLES )

On this 20 day of May, 2019, before me appeared MERCEDES VAZQUEZ-ANON to me personally known to be the person described, and said MERCEDES VAZQUEZ-ANON acknowledged said instrument to be his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

*Sheri Varney*  
Notary Public

My Commission Expires:



SHERI VARNEY  
My Commission Expires [SEAL]  
July 1, 2021  
St. Louis County  
Commission #13489211



William Scott Hine  
~~SCOTT W. HINE~~ ~~WILLIAM SCOTT HINE~~

Date: 20 MAY 2019

ACKNOWLEDGMENT

STATE OF MISSOURI  
COUNTY OF ST. CHARLES ) SS.  
CITY OF ST. CHARLES

On this 20<sup>th</sup> day of May, 2019, before me appeared WILLIAM SCOTT HINE  
personally known to be the person described, and said ~~SCOTT W. HINE~~ acknowledged said  
instrument to be his free act and deed. WILLIAM SCOTT HINE

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the  
day and year first above written.

Sheri Varney  
Notary Public

My Commission Expires:



SHERI VARNEY  
My Commission Expires  
July 1, 2021 [SEAL]  
St. Louis County  
Commission #13489211

NOVUS INTERNATIONAL, INC.

*[Handwritten Signature]*

By: Alice V. Sterkel  
Title: Assistant Secretary

Date: 6-27-2019

ACKNOWLEDGMENT

STATE OF MISSOURI  
COUNTY ST. CHARLES SS.  
CITY OF ST. CHARLES

On this 27<sup>th</sup> day of June, 2019, before me appeared

Alice V. Sterkel (Novus International, Inc.) to me personally known to be the person described, and acknowledged said instrument to be his free act and deed.

In Testimony Whereof, I have hereunto set my hand and affixed my official seal the day and year first above written.

*[Handwritten Signature: Sheri Varney]*  
Notary Public

My Commission Expires:

[SEAL]



SHERI VARNEY  
My Commission Expires  
July 1, 2021  
St. Louis County  
Commission #13499211