

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4863574

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DANIEL BAWDON	02/21/2018
STEPHEN THOMAS CARTMAN	02/21/2018
JONATHAN KENNEDY	02/21/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15717216
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NAME OF SUBMITTER:	KATHLEEN A. TYRRELL
SIGNATURE:	/Kathleen A. Tyrrell/
DATE SIGNED:	03/13/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4	

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Attorney Docket No.: INV0052US and INV0052WO

A S S I G N M E N T - S T A T E M E N T

We, the undersigned,

Daniel Bawdon, Stephen Thomas Cartman and Jonathan Kennedy

Hereby declare that

We believe to be the original inventors of a claimed invention in the applications entitled:

ENHANCED PROCESSES AND REAGENTS FOR HOST ENGINEERING

and which are disclosed in United States Patent Application Nos. 15/717,216 filed September 27, 2017, and PCT/US2017/053611 filed September 27, 2017 (and which are identified as Case Numbers SG0143US/INV0052US and SG0143-WO-PCT/INV0052WO respectively).

The above-identified applications were made or authorized to be made by us.

FURTHER WHEREAS, we, the undersigned, hereinafter referred to as the assignors, are inventors of the claimed inventions of the above-referenced United States Patent Applications; and

WHEREAS, **INVISTA NORTH AMERICA S.A.R.L.**, hereinafter referred to as the assignee, of **2801 CENTERVILLE ROAD, WILMINGTON, DELAWARE 19808**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the above-referenced patent applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we, the said assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said applications and any and all applications claiming the benefit of priority to the above identified applications and any and all continuations, divisions and renewals of and substitutes for said application or any

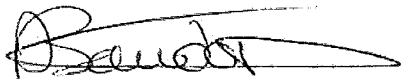
other application based in whole or in part thereon and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said applications and said Letters Patent to said assignee, its successors, assigns, nominees or legal representatives and we agree to communicate to said assignee, or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patents of the United States which may be issued and granted on or as a result of the applications aforesaid, in accordance with the terms of this assignment.

AND we hereby acknowledge that any willful false statement made in this assignment and declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

IN WITNESS WHEREOF:



Daniel Bawdon (L.S.)

Witnessed by: *H.C. Campbell*

HELEN CAROLINE CAMPBELL Dated: 2/2/18
(Please print)

Name: HELEN CAROLINE CAMPBELL
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IN WITNESS WHEREOF:



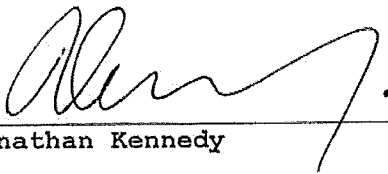
Stephen Thomas Cartman (L.S.)

Witnessed by: *H.C. Campbell*

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IN WITNESS WHEREOF:


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Jonathan Kennedy

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