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1. Name of conveying party(les)       2. Name and address of receiving party(les)         Alan Mecheron URE       Name::::::::::::::::::::::::::::::::::::		
Alan Macpherron URE       Name:INVISTA North America Sa r1.         Additional name(a) of conveying party(ies) attached?Yee X Nu       Street Address:201 Centerville Road         Xassignment	1. Name of conveying party(les)	
Additional name(6) of conveying party(tes) attached? Yeel Xion       Internal Address: Three Little Fails Centre/1052         Additional name(6) of conveying party(tes) attached? Yeel Xion       Street Address: 2801 Centerville Road         3. Nature of conveyance/Execution Date(s);       Execution Date(s)December 8.2011         X Assignment       Merger         Security Agreement       City: Willmington         Joint Research Agreement       State: Delaware         Country: Us       Zip: 19808         Other       Additional name(s) & address(es) attached? Yes Xion         A. Patent Application No.(s)       This document is being filed together with a new application         13/2655991       Additional numbers attached? Yes Xion         Street Address: Three Little Fails Centre/1052       This document of applications and patents involved: 1         Internal Address: Three Little Fails Centre/1052       7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00         Internal Address: Z001 Center/lite Road       Xuthorized to be charged to deposit account         Street Address: 2001 Center/lite Road       None required (government interest not affecting titl         City: Wilmington       State: Delaware       Deposit Account Number _ 503223         State: Delaware       Zip: 19806       Deposit Account Number _ 503223         State: Delaware       Signature:       December 13,2011	Alan Macpherson URF	
3. Nature of conveyance/Execution Date(s):       Street Address: 2801 Centerville Road         Execution Date(s)/December 8.2011       Merger         Assignment       Merger         Security Agreement       Change of Name         Joint Research Agreement       Change of Name         Covernment Interest Assignment       State: Delaware         Executive Order 9424, Confirmatory License       Additional name(s) & address(es) attached?         Other		Internal Address: Three Little Falls Centre/1052
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Country:       Us       Zip:       19808         Other		State: Delaware
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Name of Person Signing sheet, attachments, and documents	Kathy L Grew-	Total number of pages including cover sheet, attachmente, and documents: 2

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## ASSIGNMENT

We, the undersigned

## Alan Macpherson URE

Hereby declare that

We are the true and first inventors of an Invention entitled

## METHODS, PROCESSES, AND SYSTEMS FOR TREATING AND PURIFYING CRUDE TEREPHTHALIC ACID AND ASSOCIATED PROCESS STREAMS

and which is disclosed in United States Patent Application No. 13/265991 filed on October 24, 2011 (and which is identified as Case Number PT0108US/PCT).

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto INVISTA North America S.à r.L. a société à responsabilité limitée, incorporated under the laws of Luxembourg and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignée, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid international Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever, (6) any and all patents for any such inventions in any country whatsoever; and (8) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesaid international Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infiningements thereof whether past

II. Agree, when requested, to exert our best efforts to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives to carry into effect any of the provisions of this instrument, and generally to do everything reasonably possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

Name: Alan Macpherson URE Date: 8<sup>th</sup> December 2011