PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4100444

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIANYI LIAO	09/11/2016
RAYMOND S. P. LEUNG	08/18/2016
LEONID NEFEVOE	10/08/2016

RECEIVING PARTY DATA

Name:	INVISTA NORTH AMERICA S.AR.L.
Street Address:	2801 CENTERVILLE ROAD
Internal Address:	THREE LITTLE FALLS CENTRE
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19808

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14397832

CORRESPONDENCE DATA

Fax Number: (302)683-3474

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.

Phone: 3026833298 Email: iprc@invista.com **KATHY CREW Correspondent Name:**

2801 CENTERVILLE ROAD Address Line 1: Address Line 2: THREE LITTLE FALLS CENTRE

Address Line 4: WILMINGTON, DELAWARE 19808

ATTORNEY DOCKET NUMBER:	LP6236-US/PCT
NAME OF SUBMITTER:	KATHY L. CREW
SIGNATURE:	/ KATHY L. CREW /
DATE SIGNED: 10/17/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

PATENT REEL: 040034 FRAME: 0661 source=LP6236USPCTLiaoAssignAsFiled#page1.tif source=LP6236USPCTLeungAssignAsFiled#page1.tif source=LP6236USPCTNefedovAssignAsFiled#page1.tif

> PATENT REEL: 040034 FRAME: 0662

ASSIGNMENT-STATEMENT

We, the undersigned

Tianyi LIAO, Raymond S.P. LEUNG and Leonid NEFYODOV

Hereby declare that

The below-identified application was made or authorized to be made by us.

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

STRETCH WOVENS WITH A CONTROL YARN SYSTEM

and which is disclosed in United States Patent Application No. 14/397832 filed on October 29, 2014 (and which is identified as Case Number LP6236-US/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, registered under the laws of Luxembourg and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesald application for Letters Patent, (2) any priority rights derived from the aforesald 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 aforesald international Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesald 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; and (B) the sole right to (1) file such applications in its name or ours, (2) to file such applications under the aforesald 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 infringements thereof whether past or future; and
- 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.
- III. As a below named inventor, I have reviewed and understand the contents of the applications, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37C.F.R. § 1.56.
- IV. 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.

Date:	9/11/16	Name: Tianyi LIAO
Date:		Name: Raymond S. P. LEUNG
Date:		Name: Leonid NEFYODOV

ASSIGNMENT-STATEMENT

We, the undersigned

Tianyi LIAO, Raymond S.P. LEUNG and Leonid NEFYODOV

Hereby declare that

The below-identified application was made or authorized to be made by us.

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

STRETCH WOVENS WITH A CONTROL YARN SYSTEM

and which is disclosed in United States Patent Application No. 14/397832 filed on October 29, 2014 (and which is identified as Case Number LP6236-US/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, registered under the laws of Luxembourg and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (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 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, and (B) 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 infringements thereof whether past or future; and
- 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.
- III. As a below named inventor, I have reviewed and understand the contents of the applications, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37C.F.R. § 1.56.
- IV. 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.

Date:	Name: Tianyi LIAO
Date: 18 August 2016	Raymond S. P. Leung Name: Raymond S. P. LEUNG
Date:	Name: Leonid NEFYODOV

PATENT REEL: 040034 FRAME: 0664

ASSIGNMENT-STATEMENT

We, the undersigned

Tianyi LIAO, Raymond S.P. LEUNG and Leonid NEFYODOV

Hereby declare that

The below-identified application was made or authorized to be made by us.

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

STRETCH WOVENS WITH A CONTROL YARN SYSTEM

and which is disclosed in United States Patent Application No. 14/397832 filed on October 29, 2014 (and which is identified as Case Number LP6236-US/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, registered under the laws of Luxembourg and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (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 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; and (B) 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 infringements thereof whether past or future; and
- 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.
- III. As a below named inventor, I have reviewed and understand the contents of the applications, including the claims, and am aware of the duty to disclose to the USPTO all information known to me to be material to patentability as defined in 37C.F.R. § 1.56.
- IV. 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.

Date:	Name: Tianyi LIAO
Date:	Name: Raymond S. P. LEUNG
	Ale Fred
Date: 09/11/2016	Name: Leonid NEFEDOV

PATENT REEL: 040034 FRAME: 0665

RECORDED: 10/17/2016