

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3782243

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the FIRST NAME OF THE SECOND INVENTOR AND THE THRID ASSIGNEE previously recorded on Reel 031553 Frame 0931. Assignor(s) hereby confirms the INVENTORS CONVEY RIGHTS TO ARKEMA FRANCE, UNIVERSITE CATHOLIQUE DE LOUVAIN & ECOLE DES MINES DE DOUAI -ARMINES.

CONVEYING PARTY DATA

Name	Execution Date
FREDERIC MALET	11/02/2015
JEAN-JACQUES FLAT	01/05/2016
JACQUES DEVAUX	01/07/2016
PATRICIA KRAWCZAK	01/04/2016
MICHEL SCLAVONS	01/07/2016
JEREMIE SOULESTIN	01/04/2016

RECEIVING PARTY DATA

Name:	ARKEMA FRANCE
Street Address:	420 RUE D'ESTIENNE D'ORVES
City:	COLOMBES
State/Country:	FRANCE
Postal Code:	92700
Name:	UNIVERSITE CATHOLIQUE DE LOUVAIN
Street Address:	UNITE POLY PLACE DE L'UNIVERSITE
Internal Address:	1 A 1348
City:	LOUVAIN EL NEUVE
State/Country:	BELGIUM
Name:	ASSOCIATION POUR LA RECHERCHE ET LE DEVELOPPEMENT DES METHODES ET PROCESSUS INDUSTRIELS - ARMINES
Street Address:	60 BOULEVARD SAINT-MICHEL
City:	PARIS CEDEX
State/Country:	FRANCE
Postal Code:	75272

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13976640

CORRESPONDENCE DATA**Fax Number:** (703)243-6410

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: 7032436333**Email:** MAIL@MWZB.COM**Correspondent Name:** MILLEN, WHITE, ZELANO & BRANIGAN-AEW**Address Line 1:** 2200 CLARENDON BLVD**Address Line 2:** SUITE 1400**Address Line 4:** ARLINGTON, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:	ATOCM-0433
NAME OF SUBMITTER:	ASHLEY BROOKSHIRE
SIGNATURE:	/Ashley Brookshire/
DATE SIGNED:	03/14/2016

Total Attachments: 10

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502559625 11/06/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

EPAS ID: PAT2605331

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FREDERIC MALET	07/01/2013
FREDERIC FLAT Jean-Jacques FLAT	07/11/2013
JACQUES DEVAUX	07/24/2013
PATRICIA KRAWCZAK	07/19/2013
MICHEL SCLAVONS	07/02/2013
JEREMIE SOULESTIN	07/22/2013

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Name:	ARKEMA FRANCE
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Internal Address:	1 A 1348
City:	LOUVAIN LE NEUVE
State/Country:	BELGIUM

Name:	ECOLE DES MINES DE DOUAI-ARMINES Association pour la Pe-
Street Address:	INSTITUTE GARNOT M.I.N.E.S. 941 RUE recherche et l'Developpement
Internal Address:	CHARLES BOURSEUL BP des Methodes et Processus
City:	DOUAI CEDEX Industriels - ARMINES
State/Country:	FRANCE 60 Boulevard Saint-Michel
Postal Code:	59500 75272 Paris Cedex FRANCE

PROPERTY NUMBERS Total: 1

OP \$40.00 13976640

PATENT

REEL: 038081 FRAME: 0226

502559625 11/06/2013

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EPAS ID: PAT2605331

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PROPERTY NUMBERS Total: 1															
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OP \$40.00 13976640

ASSIGNMENT

ATTY. DOCKET NO. ATCOM-0433

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

METHOD FOR EXTRUDING A POLYMER IN THE PRESENCE OF WATER

and for which one or more of the following apply:

- ☐ U.S. Provisional Application Serial No. _____ was filed in the United States Patent and Trademark Office on _____
- ☒ A U.S. Non-Provisional
- ☐ application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☒ Application Serial No. 13,976,640 for Letters Patent was filed in the U.S. Patent and Trademark Office on June 27, 2013
- ☒ as International Application No. PCT/FR2011/033186 was filed on December 23, 2011, designating the United States.
- ☐ U.S. Patent No. _____ issued in the U.S. Patent and Trademark Office on _____

AND WHEREAS

ARKEMA FRANCE
420 rue d'Estienne d'Orves
92700 Colombes
FRANCE

UNIVERSITE CATHOLIQUE DE LOUVAIN
Unité Poly Placé de l'Université
1 a 1348 Louvain la Neuve
BELGIQUE

Association pour la Recherche et le Développement des Méthodes
et Processus Industriels - ARMINES
60 boulevard Saint-Michel
75272 Paris Cedex
FRANCE

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all patent(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, including any and all renewals, reissues, reexaminations and extensions thereof.

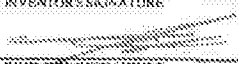
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelazo & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201* FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Frédéric MALET		02/11/2015
202* FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Jacques FLAT		
203* FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
François TOUCHALEAUME		
204* FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jacques DEVAUX		
205* FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Patricia KRAWCZAK		

PATENT

REEL: 038081 FRAME: 0228

ASSIGNMENT

ATTY. DOCKET NO. ATCOM-0833

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

METHOD FOR EXTRUDING A POLYMER IN THE PRESENCE OF WATER

and for which one or more of the following apply:

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- ☐ application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- ☒ Application Serial No. 13/976,640 for Letters Patent was filed in the U.S. Patent and Trademark Office on June 27, 2013
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AND WHEREAS

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420 rue d'Estienne d'Orves
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FRANCE

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75272 Paris Cedex
FRANCE

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IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Frédéric MALET		
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Jacques FLAT		5/01/2016
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
François TOUCHALEAUME		
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jacques DEVAUX		
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Patricia KRAWCZAK		

PATENT

REEL: 038081 FRAME: 0229

ASSIGNMENT

ATTY. DOCKET NO. ATCOM-0493

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

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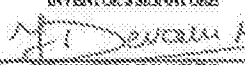
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and patent(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and patent, including any and all earlier priority rights (U.S. and foreign) divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

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Jacques DEVAUX		7-1-16
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Patricia KRAWCZAK		

ASSIGNMENT

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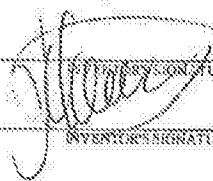
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205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Patricia KRAWCZAK		04.01.2016

PATENT

REEL: 038081 FRAME: 0231

ASSIGNMENT (continued)

ATTY. DOCKET NO. ATCOM-0433

205 FULL NAME OF EIGHTH JOINT INVENTOR Michel SCLAVONS	INVENTOR'S SIGNATURE 	DATE 7-1-18
207 FULL NAME OF SEVENTH JOINT INVENTOR Jérémie SOULESTIN	INVENTOR'S SIGNATURE	DATE

