PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2899866

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIPPE LODEFIER	05/07/2013
STÉPHANE NOWE	12/11/2013
LAETITIA URBANCZYK	05/07/2013

RECEIVING PARTY DATA

Name:	TOTAL RESEARCH & TECHNOLOGY FELUY
Street Address:	ZONE INDUSTRIELLE C
City:	SENEFFE (FELUY)
State/Country:	BELGIUM
Postal Code:	B-7181

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13821602

CORRESPONDENCE DATA

Fax Number: (832)830-8958

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: 2819743458

Email: bennyhoff@AL-IP.com ADOLPH LOCKLAR **Correspondent Name:**

Address Line 1: 4615 SOUTHWEST FREEWAY

Address Line 2: **SUITE 630**

Address Line 4: HOUSTON, TEXAS 77027

ATTORNEY DOCKET NUMBER:	F-1254
NAME OF SUBMITTER:	YUKI BENNYHOFF
SIGNATURE:	/Michael Locklar/
DATE SIGNED:	06/16/2014

Total Attachments: 8

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PATENT REEL: 033110 FRAME: 0902

ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: 13/821,602

Title: EXPANDABLE VINYL AROMATIC POLYMERS

Atty. Dkt. No.: F-1254

Filed on March 8, 2013, as a national phase application of International Application No. PCT/EP2011/065347, with an international filing date of September 06, 2011, which claimed priority benefits of EP 10009443.2 filed September 10, 2010.

ASSIGNEE IDENTIFICATION

Assignee: Total Research & Technology Feluy

Incorporation: Belgium

Address: Zone Industrielle C - B-7181 Seneffe (Feluy) - Belgium

Now, therefore, in consideration of good and valuable consideration acknowledged by the Assignors to have been received in full from the Assignees:

- 1. The assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents on the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on the Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.
- 2. The Assignors hereby covenant and agree to cooperate with the Assignee to enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional application covering the Invention; (d) for filing and prosecuting applications for reissuance of any of the patents; and (f) for legal proceedings involving the Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by the Assignors in providing such cooperation shall be paid for by the Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.
- 4. The assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the undersigned have executed and delivered this instrument to the Assignee on the dates indicated below.

LODEFIER, Philippe	7/05/2013 Date
BEFORE ME, the undersigned authority, of personally appeared the person whose name is acknowledged to me that they executed the s and consideration therein expressed.	s subscribed to the foregoing instrument and
Le soussigné Denis GILBEAU, no résidant à 7170 Manage, certifie la signature apposée ci-avant de Monsieur Lodefier Philip	Notary Public
GELHO	
NOWE, Stéphane	Date
BEFORE ME, the undersigned authority, opersonally appeared the person whose name is acknowledged to me that they executed the sand consideration therein expressed.	s subscribed to the foregoing instrument and

Notary Public

(Assignment ends with this page)

URBANCZYK, Laetitia	
acknowledged to me that they exect and consideration therein expressed. Le soussigné Denis GILBE résidant à 7170 Manage.	se name is subscribed to the foregoing instrument and uted the same of their own free will for the purposes EAU, notaire certifie
la signature apposée ci-av Madame URBANCZ	Notary Public YK Laetitia

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APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Pays: Belgique 2. Le présent acte public a été signé par:

Gilbeau, Denis

3. Agissant en qualité de:

4. Est revêtu du sceau / timbre de:

Notaire

<u>Attesté</u>

Manage

5. A Bruxelles

6. Le: 15/04/2014

7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération au Développement

8. Sous lc n°: 9805140415111066

9. Sceau/timbre:

10. Signature:

Jan Van de Velde

PATENT REEL: 033110 FRAME: 0906

ASSIGNMENT

INVENTION IDENTIFICATION

Application Serial No.: 13/821,602

Title: EXPANDABLE VINYL AROMATIC POLYMERS

Atty. Dkt. No.: F-1254

Filed on March 8, 2013, as a national phase application of International Application No. PCT/EP2011/065347, with an international filing date of September 06, 2011, which claimed priority benefits of EP 10009443.2 filed September 10, 2010.

ASSIGNEE IDENTIFICATION

Assignee: Total Research & Technology Feluy

Incorporation: Belgium

Address: Zone Industrielle C – B-7181 Seneffe (Feluy) – Belgium

Now, therefore, in consideration of good and valuable consideration acknowledged by the Assignors to have been received in full from the Assignees:

- 1. The assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to the Application and the Invention; (b) in and to all rights to apply for patents on the Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on the Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution or continuation of the Application; and (d) in and to each and every reissue or extension of any of the Patents.
- 2. The Assignors hereby covenant and agree to cooperate with the Assignee to enable the Assignee to enjoy to the fullest extent the right, title and interest to the Invention herein conveyed in any and all countries and groups of countries. Such cooperation by the Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers and other assistance all to the extent deemed necessary or desirable by the Assignee (a) for perfecting in the Assignee the right, title and interest herein conveyed; (b) for prosecuting any of the Applications; (c) for filing and prosecuting substitute, divisional, continuing or additional application covering the Invention; (d) for filing and prosecuting applications for reissuance of any of the patents; and (f) for legal proceedings involving the Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by the Assignors in providing such cooperation shall be paid for by the Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives and shall be binding upon the Assignors, their respective heirs, legal representatives and assigns.
- 4. The assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract or understanding in conflict herewith.

IN WITNESS WHEREOF, the undersigned have executed and delivered this instrument to the Assignee on the dates indicated below.

LODEFIER	R, Philippe	Date
personall acknowle	ME, the undersigned authority, on the same is subsedged to me that they executed the same ideration therein expressed.	scribed to the foregoing instrument and
		Notary Public
NOWE, St	<u>éphane</u>	11/12/25-13 Date
personally acknowle	ME, the undersigned authority, on the yappeared the person whose name is subsedged to me that they executed the same of deration therein expressed.	cribed to the foregoing instrument and
	Le soussigné Denis GILBEAU, notaire résidant à 7170 Manage, certifie la signature apposée ci-avant de Monsieur Nowe Stéphone	Notary Public
	Fait à Manage, le 11 décembre 2013	

PATENT REEL: 033110 FRAME: 0908

URBANCZYK, Laetitia	Date
	ity, on this day of, me is subscribed to the foregoing instrument and the same of their own free will for the purposes
	Notary Public
(Assignment ends with this page)	

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APOSTILLE

(Convention de La Haye du 5 octobre 1961)

Pays: Belgique
 Le présent acte public a été signé par:

Attesté

7. Par le Service public fédéral Affaires étrangères, Commerce extérieur et Coopération 6. Le: 15/04/2014 5. A Bruxelles

8. Sous le n°: 9805140415110965 9. Sceau/fimbre:

10. Signature:

Gilbeau, Denis Manage Notaire 3. Agissant en qualité de: Notaire4. Est revêtu du sceau / timbre de: au Développement

Jan Van de Velde

PATENT REEL: 033110 FRAME: 0910

RECORDED: 06/16/2014