

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Philippe VERNOUX	05/24/2011
Abdelkader HADJAR	05/23/2011
Agnes PRINCIVALLE	05/20/2011
Christian GUIZARD	05/25/2011

**RECEIVING PARTY DATA**

<b>Name:</b>	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN
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<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	92400

<b>Name:</b>	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
<b>Street Address:</b>	3 rue Michel Ange
<b>City:</b>	PARIS CEDEX 16
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75794

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	13139736

**CORRESPONDENCE DATA**

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OP \$40.00 13139736

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:

381182US99PCT

NAME OF SUBMITTER:

Adel Samuel

Total Attachments: 8

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FL7 2008136 PCT/US

# Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE) VERNOUX Philippe, 761 route de la Nation, 69270 ROCHETAILLÉE SUR SAONE - FRANCE  
HADJAR Abdelkader, Les Olympiades, 16 boulevard Jean XXIII, 69008 LYON - FRANCE  
PRINCIVALLE Agnès, Villa B, Quartier La Pousselle, 84800 LAGNES - FRANCE  
GUIZARD Christian, 1 impasse Bellevue, 34660 COURNONTERRAL - FRANCE

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 \_\_\_\_\_  
 \_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: PURIFICATION STRUCTURE INCLUDING A CATALYSIS SYSTEM SUPPORTED BY A ZIRCON IN REDUCED STATE

(Application No. PCT/FR2009/052576, filed December 16, 2009), and

SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN and CENTRE

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, NATIONAL DE LA RECHERCHE SCIENTIFIQUE

(hereinafter referred to as "ASSIGNEE") having a place of business at: 18 avenue d'Alsace, 92400 COURBEVOIE - FRANCE and 3 rue Michel Ange, 75794 PARIS CEDEX 16 - FRANCE is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

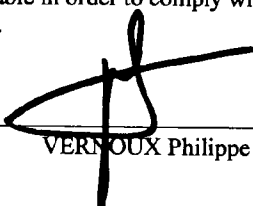
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 24, 2011

  
(Signature of Inventor) **VERNOUX Philippe**

Date: \_\_\_\_\_

(Signature of Inventor) **HADJAR Abdelkader**

Date: \_\_\_\_\_

(Signature of Inventor) **PRINCIVALLE Agnès**

Date: \_\_\_\_\_

(Signature of Inventor) **GUIZARD Christian**

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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HADJAR Abdelkader, <sup>12 Rue Pablo Picasso 42000 Saint-Etienne - AH 23/05/2009</sup> Les Olympiades, 16 Blvd Jean XXIII 69008 LYON - FRANCE

PRINCIVALLE Agnès, Villa B, Quartier La Pousselle, 84800 LAGNES - FRANCE

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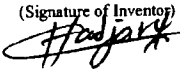
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Date: _____	_____ (Signature of Inventor) VERNOUX Philippe
Date: <u>23. May. 2011</u>	_____ (Signature of Inventor)  HADJAR Abdelkader
Date: _____	_____ (Signature of Inventor) PRINCIVALLE Agnès
Date: _____	_____ (Signature of Inventor) GUIZARD Christian
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

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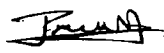
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Date: \_\_\_\_\_  
(Signature of Inventor) VERNOUX Philippe

Date: \_\_\_\_\_  
(Signature of Inventor) HADJAR Abdelkader

Date: 2010/05/11 \_\_\_\_\_  
(Signature of Inventor)  PRINCIVALLE Agnès

Date: \_\_\_\_\_  
(Signature of Inventor) GUIZARD Christian

Date: \_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_  
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Date: \_\_\_\_\_  
(Signature of Inventor) GUZARD Christian

Date: 05/25/2011  
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Date: \_\_\_\_\_  
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