

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Damien DOUZIECH	11/29/2010
Gilles CAUSSE	11/29/2010
Eric CAPRANI	11/29/2010
Jean Christophe VIGUIE	11/02/2010
Jean Marc SCHWEITZER	11/29/2010
Ann FORRET	11/29/2010

RECEIVING PARTY DATA

Name:	ENI S.P.A.
Street Address:	PIAZZALE E. MATTEI 1
City:	ROMA
State/Country:	ITALY
Postal Code:	00144

Name:	IFP ENERGIES NOUVELLES
Street Address:	1 & 4 AVENUE DE BOIS-PREAU
City:	RUEIL-MALMAISON CEDEX
State/Country:	FRANCE
Postal Code:	92852

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12682277

CORRESPONDENCE DATA

Fax Number: (703)243-6410
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 703-243-6333
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OP \$40.00 12682277

501369143

PATENT
REEL: 025449 FRAME: 0969

Correspondent Name: Millen, White, Zelano & Branigan
Address Line 1: 2200 Clarendon Blvd.
Address Line 2: Suite 1400
Address Line 4: Arlington, VIRGINIA 22201

ATTORNEY DOCKET NUMBER:

PET-2599

NAME OF SUBMITTER:

I. William Millen

Total Attachments: 3

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ASSIGNMENT

ATTY. DOCKET NO. PEI-2599

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

THIN LAYER FIXED BED REACTOR FOR THE CHEMICAL TREATMENT OF A FINELY DIVIDED CATALYTIC SOLID

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. 12/682,277 for Letters Patent was filed in the U.S. Patent and Trademark Office on April 9, 2010.
- as International Application No. PCT/FR2008/001287 was filed on September 15, 2008, designating the United States

AND WHEREAS

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00144 ROMA, ITALY

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FRANCE

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, 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 application(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 application, 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 when granted, 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 filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and 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 Milten, White, Zelano & 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
Damien DOUZIECH		29.11.2010
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Gilles CAUSSE		
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Eric CAPRANI		29.11.2010
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Christophe VIGUIE		
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Marc SCHWEITZER		
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Ann FORRET		
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

ASSIGNMENT

ATTY. DOCKET NO. PET-2592

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

THIN LAYER FIXED BED REACTOR FOR THE CHEMICAL TREATMENT OF A FINELY DIVIDED CATALYTIC SOLID

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- 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. 12682,277 for Letters Patent was filed in the U.S. Patent and Trademark Office on April 9, 2010
- as International Application No. PCT/FR2008/01247 was filed on September 15, 2008, designating the United States

AND WHEREAS

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 MAZZALE E. MATTEI I
 00144 ROMA, ITALY

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 1 & 4 AVENUE DE BOIS-PIREAU
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 FRANCE

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, rescissions, reexaminations and extensions thereof.

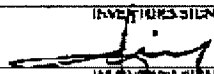
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, rescissions, 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 application, 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, rescissions, 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 pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, rescissions, 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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Jean-Marc SCHWEITZER		
206 FULL NAME OF SIXTH JOINT INVENTOR		
Ann FORRET		
207 FULL NAME OF SEVENTH JOINT INVENTOR		

ASSIGNMENT

ATTY. DOCKET NO. RET-2599

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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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 _____
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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. 12/682,277 for Letters Patent was filed in the U.S. Patent and Trademark Office on April 9, 2010
- as International Application No. PCT/FR2008/001287 was filed on September 15, 2008, designating the United States.

AND WHEREAS

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PIAZZALE E. MATTEI 1
00144 ROMA, ITALY

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1 & 4 AVENUE DE BOIS-PREAU
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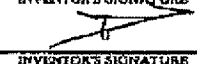
NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including 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 application, 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 when granted, 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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Eric CAPRANI		
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Christophe VIGUIE		02/11/2010
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Marc SCHWEITZER		25/11/2010
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Ann FORRET		25/11/10
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT

RECORDED: 12/06/2010

REEL: 025449 FRAME: 0973