PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nicolas Ferrando	02/10/2010
Julien Grandjean	01/27/2010
Abdelhakim Koudil	02/07/2010
Pascal Mougin	02/10/2010
Jean-Pierre Ballaguet	02/05/2010

RECEIVING PARTY DATA

Name:	[IFP
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:	12637932

CORRESPONDENCE DATA

Fax Number: (703)243-6412

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

7032436333 Phone:

Email: guernsey@mwzb.com

Correspondent Name: Millen, White, Zelano & Branigan, P.C.

Address Line 1: 2200 Clarendon Blvd.

Address Line 2: #1400

Address Line 4: Arlington, VIRGINIA 22201

ATTORNEY DOCKET NUMBER: PET-2557

NAME OF SUBMITTER: Harry B. Shubin

PATENT

REEL: 024041 FRAME: 0216

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Total Attachments: 3

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> PATENT REEL: 024041 FRAME: 0217

ASSIGNMENT

ATTY, DOCKET NO. PET-2557

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

and For wi	nich one or more of the following apply;	
	U.S. Provisional Application Serial No. was filed in the United States Potent and Trademark Office on.	
Ø	A U.S. Non-Provisional	
	□ application for Letters Patent to be filed in the United States Patent and Trademark Office was Application Serial No. 12/637,932 for Letters Patent was filed in the U.S. Potent and Trademark Office as International Application No. was filed on, designating the United States.	
	AND WHEREAS IFP I & 4 avenue de Bois-Presu RUEIL-MALMAISON CEDEX 92852 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(x) linted above, including any and all carrier 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 fegal representatives, the entire and exclusive right, fille 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 conveniton rights or benefits accrating or to accrue with respect to the filling 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 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 appending thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as imple 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 ASSIGNUE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, 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 property record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OF FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Nicolas FERRANDO	Jenery o	10-02-2010
202 FULL NAME OF SOLE OR REST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Julien GRANDJEAN	Bandyker 11	21.01.2010
201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Abdelhakim KOUDIL		ļ
204 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	UNENCOL S NON TIME	DATE
Pascal MOUGIN	- 1 your	10 02, 2010
265 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Pierre BALLAGUET		

PATENT REEL: 024041 FRAME: 0218

ASSIGNMENT

ATTY, DOCKET NO. PET-2557

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

and for wh	ich ene or :	nore of the following apply:	
0	U.S. Provi	tional Application Serial No. was filed in the United States Paters and Trademark Office on.	
A U.S. Non-Provisional			
	Ø	application for Letters Patent to be filed in the United States Patent and Trademark Office was Application Serial No. 12/637,932 for Letters Patent was filed in the U.S. Patent and Trademark Office was international Application No. was filed on, designating the United States. EREAS IFP 1 & 4 evenue de Bois-Prens RUEIL-MALMAISON CEDEX 92852 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, setts, and transfers to ASSIGNEE, its assigns and logal 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 accroing or to accroe with respect to the filling 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 cartier priority rights (U.S. and foreign), divisions and communitions thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including any and all renewals advantages in anywiso 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 uniple and benefit 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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IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SKINATURE	DATE
Nicolas FERRANDO	· - i	
202 FULL NAME OF SOLE OR HIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Julien GRANDJEAN	Bandson	27.01.2010
203 FULL NAME OF SOLE OR PIKST NAKOLD INVENTOR	INVENTOR'S SIGNATURE	PATE
Abdelhakim KOUDIL	Oz.	04.02.2010
204 FULL NAME OF SOLE OR FIRSY NAMED INVENTOR	INVENTOR'S SIGNATURE	CATE
Pascal MOUGIN		
201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Jean-Pierre BALLAGUET		

PATENT

REEL: 024041 FRAME: 0219

ASSIGNMENT

ATTY, DOCKET NO. PET-2557

WHERCAS the below named inventor (if only one inventor is named below) or inventors (if pluis) inventors are named below) percinance referred to as the ASSIGNOR inventor a certain improvement(s) relating to

and forwi	ilch ans or	more of the following apply:
0	U.S. Provi	Island Application Scriet No. was filed in the United States Patent and Trademark Office on.
Ø	A U.S. No	nn-Provisional
		application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date. Application Serial No. 12/637,932 for Letters Patent was filed in the U.S. Patent and Trademark Office on 12/15/2009 as international Application No. was filed on, designating the United States.
	HW DNA	189
	 ,	1 & 4 avenue de Bols-Prenu RUETL-MATMAISON CEORX 92852 FRANCE

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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 is and to sold invention and application(e), 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, researchaelions and extensions thereof, and in and to any and all U.S. (including provisione) or foreigh priority and/or convention rights or benefits accruing or to accrue with respect to the filling or securing of patents in the United States and/or any countries fereign thereto concerning said invention. ASSIGNEE, its resigns and legal representatives to have, hold, exercise, and enjoy asid invention and application, including any and all center 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 apportations thereof, for and during the term or terms of any and all restors Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for and during the term or terms of any and all said, 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 empte and benefitely 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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IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

10) FULL HAME OF SOLE OR FIREP HAMED INVONTOR	INVENTOR'S MONATURE	ny)#
Nicolas PERRANDO		, † ·
163 FULL HAMB OF SOLB OR FIRST WAXED INVENTOR	INVENTOR'S SIGNATURE	этда
Julien GRANDJEAN	Thomas	27.01.2010
20) FULL NAME OF SOLE OR FIRST NAMED INVENTOR	inventor's signature	DATE
Abdelhakim KOUDIL		
FOR WALL OF SOLE OR HER THE SOLE SOLE SOLE SOLE SOLE SOLE SOLE SOL	inventory scenature	PATE
Pascal MOUGIN	: - 	· ·
245 FULL HANG OF SOILE OR FIRST HASIED INTERFOR	INVENTOR'S SIGNATURE	WAIL
Jean-Pierre BALLAGUET	20 Center	5-02-2010

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RECORDED: 03/08/2010