

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Sebastien BARDON</td><td>09/17/2008</td></tr><tr><td>Vincent Marc GLEIZE</td><td>04/22/2008</td></tr><tr><td>Patrick Jacques Dominique GIROT</td><td>04/10/2008</td></tr></tbody></table>		Name	Execution Date	Sebastien BARDON	09/17/2008	Vincent Marc GLEIZE	04/22/2008	Patrick Jacques Dominique GIROT	04/10/2008		
Name	Execution Date										
Sebastien BARDON	09/17/2008										
Vincent Marc GLEIZE	04/22/2008										
Patrick Jacques Dominique GIROT	04/10/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN</td></tr><tr><td>Street Address:</td><td>18 avenue d'Alsace</td></tr><tr><td>City:</td><td>COURBEVOIE</td></tr><tr><td>State/Country:</td><td>FRANCE</td></tr><tr><td>Postal Code:</td><td>92400</td></tr></table>		Name:	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN	Street Address:	18 avenue d'Alsace	City:	COURBEVOIE	State/Country:	FRANCE	Postal Code:	92400
Name:	SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN										
Street Address:	18 avenue d'Alsace										
City:	COURBEVOIE										
State/Country:	FRANCE										
Postal Code:	92400										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12067658</td></tr></tbody></table>		Property Type	Number	Application Number:	12067658						
Property Type	Number										
Application Number:	12067658										
CORRESPONDENCE DATA											
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: (703) 413-3000											
Email: kcapers@oblon.com											
Correspondent Name: Oblon, Spivak, et al.											
Address Line 1: 1940 Duke Street											
Address Line 4: Alexandria, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	323265US0PCT										
NAME OF SUBMITTER:	Keena Capers										
Total Attachments: 4 source=323265USASSIGNMENT#page1.tif source=323265USASSIGNMENT#page2.tif											

OP \$40.00 12067658

500664877

PATENT
REEL: 021622 FRAME: 0823

Assignment of Application

WHEREAS, I (WE) BARDON Sébastien, 9 rue Sorbie, 75020 PARIS, FRANCE

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

GLEIZE Vincent, Marc, 9 rue Terre Noire, 84000 AVIGNON, FRANCE

GIROT Patrick, Jacques, Dominique, 37 chemin Saint-Genest, 84000 AVIGNON,

FRANCE 184 AVENUE DE L'ÉVROLE, 13300 SALON DE PROVENCE - FRANCE

P6 10/04/08

INSERT TITLE
OF INVENTION:

_____, respectively,

have invented certain new and useful improvements in: METHODS FOR CONTROLLING AND MAKING

PARTICLE FILTERING DEVICES

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN

(hereinafter referred to as "ASSIGNEE") having a place of business at: 18 avenue d'Alsace

92400 COURBEVOIE - 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.

03/03

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: _____

(Signature of Inventor)

BARDON Sébastien

Date: le 22/04/08

(Signature of Inventor)

GLEIZE Vincent, Marc

Date: le 10/04/08

(Signature of Inventor)

GIROT Patrick, Jacques, Dominique

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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

03/03

Assignment of Application

WHEREAS, I (WE) BARDON Sébastien, 9 rue Sorbie, 75020 PARIS, FRANCE

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

GLEIZE Vincent, Marc, 9 rue Terre Noire, 84000 AVIGNON, FRANCE

GIROT Patrick, Jacques, Dominique, 37 chemin Saint-Geniest, 84000 AVIGNON, FRANCE

INSERT TITLE
OF INVENTION:

_____, respectively,

have invented certain new and useful improvements in: METHODS FOR CONTROLLING AND MAKING

PARTICLE FILTERING DEVICES

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN

(hereinafter referred to as "ASSIGNEE") having a place of business at: 18 avenue d'Alsace

92400 COURBEVOIE - 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.

03/03

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: September 17, 2008


(Signature of Inventor) BARDON Sébastien

Date: _____

(Signature of Inventor) GLEIZE Vincent, Marc

Date: _____

(Signature of Inventor) GIROT Patrick, Jacques, Dominique

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

Date: _____

(Signature of Inventor) _____

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

03/03