

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Valerie BUISSETTE</td> <td>02/12/2011</td> </tr> <tr> <td>Thierry LE-MERCIER</td> <td>02/12/2011</td> </tr> <tr> <td>Laurent THIERS</td> <td>02/07/2011</td> </tr> </tbody> </table>		Name	Execution Date	Valerie BUISSETTE	02/12/2011	Thierry LE-MERCIER	02/12/2011	Laurent THIERS	02/07/2011		
Name	Execution Date										
Valerie BUISSETTE	02/12/2011										
Thierry LE-MERCIER	02/12/2011										
Laurent THIERS	02/07/2011										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>RHODIA OPERATIONS</td> </tr> <tr> <td>Street Address:</td> <td>40, RUE DE LA HAIE COQ</td> </tr> <tr> <td>City:</td> <td>AUBERVILLIERS</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>F-93300</td> </tr> </table>		Name:	RHODIA OPERATIONS	Street Address:	40, RUE DE LA HAIE COQ	City:	AUBERVILLIERS	State/Country:	FRANCE	Postal Code:	F-93300
Name:	RHODIA OPERATIONS										
Street Address:	40, RUE DE LA HAIE COQ										
City:	AUBERVILLIERS										
State/Country:	FRANCE										
Postal Code:	F-93300										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12992465</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12992465						
Property Type	Number										
Application Number:	12992465										
CORRESPONDENCE DATA											
Fax Number: (703)836-2021 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703-836-6620 Email: offserv@bipc.com Correspondent Name: BUCHANAN, INGERSOLL & ROONEY PC Address Line 1: POST OFFICE BOX 1404 Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404											
ATTORNEY DOCKET NUMBER:	1022702-000499										
NAME OF SUBMITTER:	Norman H. Stepno										
Total Attachments: 4 source=499Assignment#page1.tif source=499Assignment#page2.tif											

OP \$40.00 12992465

501446863

PATENT
REEL: 025851 FRAME: 0418

source=499Assignment#page3.tif

source=499Assignment#page4.tif

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by Valérie BUISSETTE, Thierry LE-MERCIER and Laurent THIERS, residing at 5 rue du Général Estienne, F-75015 Paris, France, 12 rue du Rhin, F-93110 Rosny-sous-Bois, France and 18 rue Jules Ferry, F-91600 Savigny-sur-Orge, France (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in
SUSPENSIONS OF PHOSPHATES OF AT LEAST ONE RARE EARTH ELEMENT SELECTED
FROM AMONG CERIUM AND TERBIUM AND OPTIONALLY LANTHANUM AND LUMINOPHORES
PRODUCED THEREFROM set forth in an application for Letters Patent of the United States, which is
a

- (1) ☐ provisional application
 - (a) ☐ bearing Application No. , and filed on ;
 - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
 - (a) ☒ bearing Application No. 12/992,465, and filed on November 12, 2010;
 - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
 - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, RHODIA OPERATIONS, a corporation duly organized under and pursuant to the laws of FRANCE and having a principal place of business at 40 rue de la Haie-Cog, F-93300 Aubervilliers, France (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefore and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

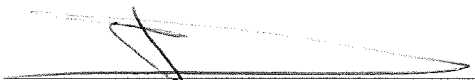
AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE Feb 12th, 2011


Valerie BUISSETTE

DATE Feb 12th, 2011


Thierry LE-MERCIER

DATE _____

Laurent THIERS

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by Valérie BUISSETTE, Thierry LE-MERCIER and Laurent THIERS, residing at 5 rue du Général Estienne, F-75015 Paris, France, 12 rue du Rhin, F-93110 Rosny-sous-Bois, France and 18 rue Jules Ferry, F-91600 Savigny-sur-Orge, France (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in
SUSPENSIONS OF PHOSPHATES OF AT LEAST ONE RARE EARTH ELEMENT SELECTED
FROM AMONG CERIUM AND TERBIUM AND OPTIONALLY LANTHANUM AND LUMINOPHORES
PRODUCED THEREFROM set forth in an application for Letters Patent of the United States, which is
a

- (1) ☐ provisional application
 - (a) ☐ bearing Application No. , and filed on ;
 - (b) ☐ to be filed herewith; or
- (2) ☒ non-provisional application
 - (a) ☒ bearing Application No. 12/992,465, and filed on November 12, 2010;
 - (b) ☐ having an oath or declaration executed on even date herewith prior to filing of application;
 - (c) ☐ having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, RHODIA OPERATIONS, a corporation duly organized under and pursuant to the laws of FRANCE and having a principal place of business at 40 rue de la Haie-Cog, F-93300 Aubervilliers, France (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefore and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE _____

Valerie BUISSETTE

DATE _____

Thierry LE-MERCIER

DATE February 7, 2011



Laurent THIERS