

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Pierre GIBOT	10/19/2009
Christian MASQUELIER	10/19/2009
Jean-Marie TARASCON	10/19/2009
Stephane LEVASSEUR	10/19/2009
Philippe CARLACH	10/19/2009

**RECEIVING PARTY DATA**

Name:	UMICORE
Street Address:	Rue du Marais 31
City:	Brussels
State/Country:	BELGIUM
Postal Code:	B-1000

Name:	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
Street Address:	3, Rue Michel Ange
City:	Paris-Cedex 16
State/Country:	FRANCE
Postal Code:	F-75794

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12530846

**CORRESPONDENCE DATA**

Fax Number: (919)481-1110  
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CH \$40.00 12530846

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ATTORNEY DOCKET NUMBER: 13810-39

NAME OF SUBMITTER: Allyn B. Rhodes

Total Attachments: 9  
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## ASSIGNMENT

WHEREAS, I/we, Pierre GIBOT, Christian MASQUELIER, Jean-Marie TARASCON, Stephane LEVASSEUR, and Philippe CARLACH, residing at 115, rue des Teinturiers, Bat A – Appt 110, F-80000, Amiens, France, 21, rue du Commandant Jan, F-80440, Boves, France, 11, rue Ronsard, F-91540, Mennecy, France, Place Van Meenen, 29, B-1060, Brussels, Belgium, and Lombardenvest 63, B-2000, Antwerpen, Belgium, respectively, have made certain new and useful inventions and improvements in:

Room Temperature Single Phase Li Insertion/Extraction Material for Use in Li-  
Based Battery;

set forth in:

- (1)  United States provisional patent application
  - (a)  bearing Application No. \_\_\_\_\_, filed on \_\_\_\_\_; or
  - (b)  to be filed herewith;
- (2)  United States nonprovisional patent application
  - (a)  bearing Application No. 12/530,846, filed on September 11, 2009; or
  - (b)  filed herewith, which is the National Stage of International Patent Application No. \_\_\_\_\_, filed on \_\_\_\_\_;
- (3)  International Patent Application No. \_\_\_\_\_, designating the United States and filed on \_\_\_\_\_;

AND WHEREAS, UMICORE and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, having offices and places of business at Rue du Marais 31, B-1000 Brussels, Belgium and 3, rue Michel-Ange, F-75794 Paris Cedex 16, France, respectively, (hereinafter "Assignees"), are desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/we have sold, assigned, set over, and transferred, and by these presents do sell, assign, set over

and transfer unto said Assignees, their successors or assigns, the entire right, title and interest and the right to file applications for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I/we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to said Assignees as the assignees of the entire right, title and interest in and to the same, for the use of said Assignees, their successors and assigns.

AND, for the consideration aforesaid, I/we do hereby agree that I/we and my/our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignees, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignees, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, I/we covenant and agree with said Assignees, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

AND, I/we hereby authorize and request the attorneys of Brinks Hofer Gilson & Lione to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of OCTOBER, 2009.

  
\_\_\_\_\_  
Pierre GIBOT

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_, \_\_\_\_.

\_\_\_\_\_  
Christian MASQUELIER

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_, \_\_\_\_.

\_\_\_\_\_  
Jean-Marie TARASCON

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\_\_\_\_\_  
Stephane LEVASSEUR

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\_\_\_\_\_  
Philippe CARLACH

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and transfer unto said Assignees, their successors or assigns, the entire right, title and interest and the right to file applications for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I/we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to said Assignees as the assignees of the entire right, title and interest in and to the same, for the use of said Assignees, their successors and assigns.

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Christian MASQUELIER

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19<sup>th</sup> day of OCTOBER 2009

  
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Jean-Marie TARASCON

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Christian MASQUELIER

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Jean-Marie TARASCON

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19<sup>th</sup> day of October 2009.

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Stephane LEVASSEUR

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