

## PATENT ASSIGNMENT

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| 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>Jean-Jacques Huselstein</td> <td>03/06/2013</td> </tr> <tr> <td>Emmanuel Sarraute</td> <td>03/12/2013</td> </tr> <tr> <td>Frederic Richardeau</td> <td>03/11/2013</td> </tr> <tr> <td>Thierry Martire</td> <td>05/21/2013</td> </tr> </tbody> </table> |   | Name  | Execution Date  | Jean-Jacques Huselstein | 03/06/2013               | Emmanuel Sarraute | 03/12/2013          | Frederic Richardeau | 03/11/2013 | Thierry Martire | 05/21/2013 |
| Name   | Execution Date  |       |   |                         |                          |                   |                     |                     |            |                 |            |
| Jean-Jacques Huselstein  | 03/06/2013  |       |   |                         |                          |                   |                     |                     |            |                 |            |
| Emmanuel Sarraute  | 03/12/2013  |       |   |                         |                          |                   |                     |                     |            |                 |            |
| Frederic Richardeau  | 03/11/2013  |       |   |                         |                          |                   |                     |                     |            |                 |            |
| Thierry Martire  | 05/21/2013  |       |   |                         |                          |                   |                     |                     |            |                 |            |
| RECEIVING PARTY DATA   |   |       |   |                         |                          |                   |                     |                     |            |                 |            |
| <table border="1"> <tr> <td>Name:</td> <td>Institut National Polytechnique de Toulouse</td> </tr> <tr> <td>Street Address:</td> <td>6, Allee Emile Monso</td> </tr> <tr> <td>City:</td> <td>Toulouse Cedex 4</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>31029</td> </tr> </table>                          |   | Name: | Institut National Polytechnique de Toulouse             | Street Address:         | 6, Allee Emile Monso     | City:             | Toulouse Cedex 4    | State/Country:      | FRANCE     | Postal Code:    | 31029      |
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| <table border="1"> <tr> <td>Name:</td> <td>Universite de Toulouse II Le Mirail</td> </tr> <tr> <td>Street Address:</td> <td>5 allees Antonio Machado</td> </tr> <tr> <td>City:</td> <td>Toulouse</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>31100</td> </tr> </table>                                      |   | Name: | Universite de Toulouse II Le Mirail                     | Street Address:         | 5 allees Antonio Machado | City:             | Toulouse            | State/Country:      | FRANCE     | Postal Code:    | 31100      |
| Name:  | Universite de Toulouse II Le Mirail                     |       |   |                         |                          |                   |                     |                     |            |                 |            |
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| <table border="1"> <tr> <td>Name:</td> <td>Universite Montpellier 2, Sciences et Techniques</td> </tr> <tr> <td>Street Address:</td> <td>Place Eugene Bataillon</td> </tr> <tr> <td>City:</td> <td>Montpellier Cedex 5</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>34095</td> </tr> </table>                |   | Name: | Universite Montpellier 2, Sciences et Techniques        | Street Address:         | Place Eugene Bataillon   | City:             | Montpellier Cedex 5 | State/Country:      | FRANCE     | Postal Code:    | 34095      |
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| <table border="1"> <tr> <td>Name:</td> <td>Centre National de la Recherche Scientifique (C.N.R.S.)</td> </tr> <tr> <td>Street Address:</td> <td>3, rue Michel Ange</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75016</td> </tr> </table>                           |   | Name: | Centre National de la Recherche Scientifique (C.N.R.S.) | Street Address:         | 3, rue Michel Ange       | City:             | Paris               | State/Country:      | FRANCE     | Postal Code:    | 75016      |
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| Postal Code:   | 75016   |       |   |                         |                          |                   |                     |                     |            |                 |            |

CH \$40.00 13808579

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13808579 |

**CORRESPONDENCE DATA**

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| Signature: | /Michael R. Friscia/ |
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| Date: | 05/28/2013 |
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Total Attachments: 3

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#### ASSIGNMENT

WHEREAS, JEAN-JACQUES HUSELSTEIN, a citizen of France, residing at 95 place de Thessalie, 34000 Montpellier, France; EMMANUEL SARRAUTE, a citizen of France, residing at 23 chemin de la Craille, 31320 Auzeville Tolosane, France; FRÉDÉRIC RICARDEAU, a citizen of France, residing at 9 rue Balaitous, 31130 Flourens, France; and THIERRY MARTIRE, a citizen of France, residing at 20 rue Villeneuve, 30250 Aubals, France (hereinafter "Assignors"), are the inventors of the invention entitled NEW REDUNDANCY STRUCTURES FOR STATIC CONVERTERS, for which an application for United States Letters Patent was filed on January 4, 2013, as Application No. 13/808,579 which claims the benefit of priority to International Application No. PCT/FR2011/051460 filed on June 24, 2011, which claims the benefit of French Patent Application No. 1055523 filed on July 7, 2010; and

WHEREAS, INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, a university operating under the laws of France, having a place of business at 6, Allée Emile Monso, 31029 Toulouse Cedex 4, France; UNIVERSITE DE TOULOUSE II LE MIRAIL, a university operating under the laws of France, having a place of business at 5 allées Antonio Machado, 31100 Toulouse, France; UNIVERSITE MONTPELLIER 2, SCIENCES ET TECHNIQUES, a university operating under the laws of France, having a place of business at Place Eugène Bataillon, 34095 Montpellier Cedex 5, France; and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), a government funded research organization operating under the laws of France, having a place of business at 3, rue Michel Ange, 75016 Paris, France (hereinafter "Assignees") are desirous of acquiring all right, title and interest in and to said invention, said patent application, and any Letters Patent that may be granted thereon or therefrom; and

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and set over to each Assignee a twenty-five percent (25%) interest in the entire right, title and interest in and for the United States of America and all other countries in and to said invention and the aforesaid patent application, all original, divisional, continuation, continuation-in-part, substitute or reissue design and/or utility applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said applications and/or applications resulting therefrom to INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, UNIVERSITE DE TOULOUSE II LE MIRAIL, UNIVERSITE MONTPELLIER 2, SCIENCES ET TECHNIQUES, and CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), as assignees of the entire interest therein; and the undersigned for them and their legal representatives, heirs and assigns does hereby agree and covenant, without further remuneration, to execute and deliver all divisional, continuation, continuation-in-part, reissue and other applications for patent on said invention and all assignments and powers of attorney thereof to Assignees or its assigns, to communicate to Assignees or its legal representatives all facts known to the undersigned respecting said invention, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths and to do generally everything necessary to aid Assignees, its successors, assigns and nominees in obtaining patent protection on said invention in all countries, the expenses incident to said applications to be borne and paid by Assignees.

INVENTOR 1

Date: 6 March 2013

By: [Signature]  
JEAN-JACQUES HUSELSTEIN

State of \_\_\_\_\_  
County of \_\_\_\_\_

On this 06 day of March, 2013, before me personally came the above-named JEAN-JACQUES HUSELSTEIN personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument as the individual who executed the foregoing instrument, who acknowledged to me the same was executed by him of his own free will for the uses and purposes therein mentioned.

\_\_\_\_\_  
Notary Public

INVENTOR 2

Date: March, 12, 2013

By: [Signature]  
EMMANUEL SARRAUTE

State of \_\_\_\_\_  
County of \_\_\_\_\_

On this 12 day of March, 2013, before me personally came the above-named EMMANUEL SARRAUTE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument as the individual who executed the foregoing instrument, who acknowledged to me the same was executed by him of his own free will for the uses and purposes therein mentioned.

\_\_\_\_\_  
Notary Public

INVENTOR 3

Date: March 11, 2013

By: [Signature]  
FRÉDÉRIC RICHARDEAU

State of \_\_\_\_\_  
County of \_\_\_\_\_

On this 11 day of March, 2013, before me personally came the above-named FRÉDÉRIC RICHARDEAU personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument as the individual who executed the foregoing instrument, who acknowledged to me the same was executed by him of his own free will for the uses and purposes therein mentioned.

\_\_\_\_\_  
Notary Public

INVENTOR 4

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Date: 21/05/2013

By:   
THIERRY MARTIRE

State of France  
County of \_\_\_\_\_

On this 21<sup>th</sup> day of May, 2013, before me personally came the above-named THIERRY MARTIRE personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument as the individual who executed the foregoing instrument, who acknowledged to me the same was executed by him of his own free will for the uses and purposes therein mentioned.

\_\_\_\_\_  
Notary Public