

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2875449

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAYED ALI KHAJEHODDIN	06/18/2013
MASOUD KARIMI GHARTEMANI	06/14/2013
PRAVEEN K. JAIN	06/20/2013
ALIREZA BAKHSHAI	06/18/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUEEN'S UNIVERSITY AT KINGSTON
<b>Street Address:</b>	QUEEN'S UNIVERSITY
<b>City:</b>	KINGSTON, ON
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	K7L 3N6
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14205687
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(613)533-6853
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	613-533-2342
<b>Email:</b>	nmcintyre@parteqinnovations.com
<b>Correspondent Name:</b>	NANCY MCINTYRE
<b>Address Line 1:</b>	QUEEN'S UNIVERSITY
<b>Address Line 4:</b>	KINGSTON, ON, CANADA K7L 3N6
<b>ATTORNEY DOCKET NUMBER:</b>	2012-010-03US
<b>NAME OF SUBMITTER:</b>	NANCY MCINTYRE
<b>SIGNATURE:</b>	/Nancy McIntyre/
<b>DATE SIGNED:</b>	05/29/2014
<b>Total Attachments: 8</b>	
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## ASSIGNMENT

WHEREAS, **Sayed Ali Khajehoddin** of 2018 Geology Trail, Kingston, Ontario, K7M 9H5, Canada; **Masoud Karimi Ghartemani** of 21 Bulldog Circle, Miss State, Mississippi, 39762, USA; **Praveen K. Jain** of 78 Kenwoods Circle, Kingston, Ontario, K7K 6Y2, Canada; and **Alireza Bakhshai** of 1224 Acadia Drive, Kingston, Ontario, K7M 8R5, Canada; hereinafter referred to as "ASSIGNORS", are the inventors of the Invention described and set forth in United States Patent Application No. 61/790,537, filed on 15 March 2013, and Canadian Patent Application No. 2,814,527, filed on 2 May 2013, and both entitled **Single Phase Power System Controller and Method Therefor**; and

WHEREAS, Queen's University at Kingston, whose complete address is Kingston, Ontario, K7L 3N6, Canada, hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the Invention and patent application and in any Letters Patent and Registration which may be granted thereon, and in any patent application and Letters Patent and Registration claiming priority from the same;

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby assign to ASSIGNEE all right, title, and interest, including priority rights, in and to the Invention and application and to all foreign counterparts thereof, and in and to any Letters Patent and Registration which may hereafter be granted thereon, and in and to any patent application claiming priority from the same, in Canada, the United States, and all countries throughout the world. The right, title, and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNORS had this Assignment not been made, for the full term of any Letters Patent and Registration which may be granted thereon, or of any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof.

ASSIGNORS further agree that they will, without charge to ASSIGNEE, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of patent applications and foreign counterparts on the Invention, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain Letters Patent and Registration for the Invention in any and all countries, and to vest title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

ASSIGNORS hereby authorize and request the Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent and Registration for said Invention or resulting from said application, or from any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof, to ASSIGNEE, as ASSIGNORS' sole Assignee.

In testimony whereof I have hereunto set my hand:

this \_\_\_\_ day of \_\_\_\_\_ 2013

\_\_\_\_\_  
Sayed Ali Khajehoddin

**CERTIFICATE**

City of Kingston        )  
Province of Ontario    )

On this \_\_\_\_\_ day of \_\_\_\_\_ 2013 appeared before me in person the above **Sayed Ali Khajehoddin** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

\_\_\_\_\_  
Stephen J. Scribner  
Notary Public  
Province of Ontario

In testimony whereof I have hereunto set my hand:

this 14 day of June 2013

M. KARIMI  
Masoud Karimi Ghartemani

**CERTIFICATE**

City of )  
State of Mississippi )

On this 14~~th~~ day of June 2013 appeared before me in person the above **Masoud Karimi Ghartemani** who acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.



Margaret M. Kringle  
Notary Public

In testimony whereof I have hereunto set my hand:

this \_\_\_\_\_ day of \_\_\_\_\_ 2013

\_\_\_\_\_  
Praveen K. Jain

**CERTIFICATE**

City of Kingston )  
Province of Ontario )

On this \_\_\_\_\_ day of \_\_\_\_\_ 2013 appeared before me in person the above **Praveen K. Jain** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

\_\_\_\_\_  
Stephen J. Scribner  
Notary Public  
Province of Ontario

In testimony whereof I have hereunto set my hand:

this \_\_\_\_ day of \_\_\_\_\_ 2013

\_\_\_\_\_  
Alireza Bakhshai

**CERTIFICATE**

City of Kingston     )  
Province of Ontario    )

On this \_\_\_\_\_ day of \_\_\_\_\_ 2013 appeared before me in person the above **Alireza Bakhshai** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

\_\_\_\_\_  
Stephen J. Scribner  
Notary Public  
Province of Ontario

## ASSIGNMENT

WHEREAS, **Sayed Ali Khajehoddin** of 2018 Geology Trail, Kingston, Ontario, K7M 9H5, Canada; **Masoud Karimi Ghartemani** of 21 Bulldog Circle, Miss State, Mississippi, 39762, USA; **Praveen K. Jain** of 78 Kenwoods Circle, Kingston, Ontario, K7K 6Y2, Canada; and **Alireza Bakhshai** of 1224 Acadia Drive, Kingston, Ontario, K7M 8R5, Canada; hereinafter referred to as "ASSIGNORS", are the inventors of the Invention described and set forth in United States Patent Application No. 61/790,537, filed on 15 March 2013, and Canadian Patent Application No. 2,814,527, filed on 2 May 2013, and both entitled **Single Phase Power System Controller and Method Therefor**; and

WHEREAS, Queen's University at Kingston, whose complete address is Kingston, Ontario, K7L 3N6, Canada, hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the Invention and patent application and in any Letters Patent and Registration which may be granted thereon, and in any patent application and Letters Patent and Registration claiming priority from the same;

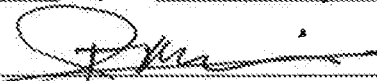
For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by ASSIGNORS, ASSIGNORS do hereby assign to ASSIGNEE all right, title, and interest, including priority rights, in and to the Invention and application and to all foreign counterparts thereof, and in and to any Letters Patent and Registration which may hereafter be granted thereon, and in and to any patent application claiming priority from the same, in Canada, the United States, and all countries throughout the world. The right, title, and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNORS had this Assignment not been made, for the full term of any Letters Patent and Registration which may be granted thereon, or of any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof.

ASSIGNORS further agree that they will, without charge to ASSIGNEE, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of patent applications and foreign counterparts on the Invention, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain Letters Patent and Registration for the Invention in any and all countries, and to vest title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

ASSIGNORS hereby authorize and request the Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent and Registration for said Invention or resulting from said application, or from any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof, to ASSIGNEE, as ASSIGNORS' sole Assignee.

In testimony whereof I have hereunto set my hand:


this 18 day of June 2013

  
Sayed Ali Khajehoddin

**CERTIFICATE**

City of Kingston )  
Province of Ontario )

On this 18 day of June 2013 appeared before me in person the above **Sayed Ali Khajehoddin** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

  
Stephen J. Scribner  
Notary Public  
Province of Ontario

Stephen Joseph Scribner, Notary Public, County of Frontenac, limited to the attestation of instruments and the taking of affidavits, for PARTEQ Research and Development Innovations. Expires January 9, 2016.



In testimony whereof I have hereunto set my hand:

this \_\_\_\_\_ day of \_\_\_\_\_, 2013

\_\_\_\_\_  
Masoud Karimi Ghartemani

**CERTIFICATE**

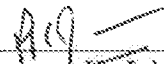
City of \_\_\_\_\_ )  
State of Mississippi )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2013 appeared before me in person the above **Masoud Karimi Ghartemani** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

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

In testimony whereof I have hereunto set my hand:

this 20<sup>th</sup> day of June, 2013

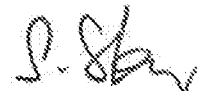
  
Praveen K. Jain

**CERTIFICATE**

City of Kingston \_\_\_\_\_ )  
Province of Ontario \_\_\_\_\_ )

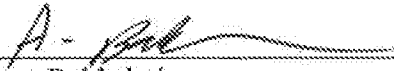
On this 20 day of June, 2013 appeared before me in person the above **Praveen K. Jain** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

Stephen Joseph Scribner, Notary Public, County of Frontenac, limited to the attestation of Instruments and the taking of affidavits, for PARTEQ Research and Development Innovations. Expires January 9, 2016.

  
Stephen J. Scribner  
Notary Public  
Province of Ontario

In testimony whereof I have hereunto set my hand:

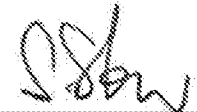
this 18 day of June 2013

  
\_\_\_\_\_  
Alireza Bakhshai

**CERTIFICATE**

City of Kingston       )  
Province of Ontario    )

On this 18 day of June 2013 appeared before me in person the above **Alireza Bakhshai** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.

  
\_\_\_\_\_  
Stephen J. Scribner  
Notary Public  
Province of Ontario

Stephen Joseph Scribner, Notary Public, County of Frontenac, limited to the attestation of Instruments and the taking of affidavits, for PARTEQ Research and Development Innovations. Expires January 9, 2016.