

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TONG JIANG	12/04/2017
ZIWEI CHEN	12/05/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NORTH CHINA ELECTRIC POWER UNIVERSITY (NCEPU)
<b>Street Address:</b>	#2 BEINONG ROAD
<b>Internal Address:</b>	CHANGPING DISTRICT
<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	102206
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15840612
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)732-9218
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<b>Phone:</b>	972-732-1001
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<b>Correspondent Name:</b>	SLATER MATSIL, LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	NCE2016-0001
<b>NAME OF SUBMITTER:</b>	KAREN VERTZ
<b>SIGNATURE:</b>	/Karen Vertz/
<b>DATE SIGNED:</b>	12/13/2017
<b>Total Attachments: 2</b>	
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source=NCE2016-0001_Assignment#page2.tif	

## ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, North China Electric Power University (NCEPU), a university organized and existing under the laws of, the People's Republic of China, with its principal office at #2 Beinong Road, Changping, Beijing, P.R. China, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said NCEPU, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TSMC, as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to NCEPU, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said NCEPU, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said NCEPU, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year;

TITLE OF INVENTION	<i>Energy Storage and Power Generation System and Method</i>			
SIGNATURE OF INVENTOR AND NAME	<i>Tong Jiang</i> Tong Jiang			
DATE	<i>Dec 4th, 2017</i>			
RESIDENCE (City, County, State)	Beijing, P.R. China			

## ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

WHEREAS, North China Electric Power University (NCEPU), a university organized and existing under the laws of, the People's Republic of China, with its principal office at #2 Beinong Road, Changping, Beijing, P.R. China, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said NCEPU, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said TSMC, as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

I also hereby sell and assign to NCEPU, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said NCEPU, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said NCEPU, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

IN WITNESS WHEREOF, I hereunto set my hand and seal this day and year:

TITLE OF INVENTION	Energy Storage and Power Generation System and Method			
SIGNATURE OF INVENTOR AND NAME	Ziwei Chen.			
	Ziwei Chen			
DATE	2017.12.5			
RESIDENCE (City, County, State)	Beijing, P.R. China			