

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>Minhua JIANG</td> <td>06/14/2012</td> </tr> <tr> <td>Ping XIAO</td> <td>06/14/2012</td> </tr> <tr> <td>Jianzhong JIANG</td> <td>06/20/2012</td> </tr> <tr> <td>Li ZHONG</td> <td>07/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Minhua JIANG	06/14/2012	Ping XIAO	06/14/2012	Jianzhong JIANG	06/20/2012	Li ZHONG	07/02/2012		
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CORRESPONDENCE DATA													
<p>Fax Number: 9194190383 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 9194938000 Email: kpope@jwth.com, vgustafson@jwth.com Correspondent Name: Vincent K. Gustafson Address Line 1: University Tower, Suite 1200 Address Line 2: 3100 Tower Boulevard Address Line 4: Durham, NORTH CAROLINA 27707</p>													
ATTORNEY DOCKET NUMBER:	3023/3												
NAME OF SUBMITTER:	Vincent K. Gustafson												
Total Attachments: 2 source=3023-3_Executed_Assignment#page1.tif source=3023-3_Executed_Assignment#page2.tif													

OP \$40.00 13579173

ASSIGNMENT WITHOUT NOTARIZATION

WHEREAS, we, JIANG, Minhua; XIAO, Ping; JIANG, Jianzhong and ZHONG, Li residing at 22th Floor, Tower A, InDo Mansion, No. 48 Zhichun Road A, Haidian District, Beijing 100098, P.R. China, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 15, 2012, application Serial No. 13/579,173, which is entitled M-type pulverized coal boiler suitable for ultra high steam temperature.

AND WHEREAS, HUANENG CLEAN ENERGY RESEARCH INSTITUTE, a corporation organized and existing under and by virtue of the laws of P.R. China, and having an office and place of business at 22th Floor, Tower A, InDo Mansion, No. 48 Zhichun Road A, Haidian District, Beijing 100098, P.R. China (hereinafter "Assignee") is 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 and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, 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 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 therefrom; and 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 the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and 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 Assignee, 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 Assignee, its

successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, 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 us and that full right to convey the same as herein expressed is possessed by us.

<u>Jiang Minhua</u>	<u>2012.6.14</u>
Signature of Inventor #1	Date
NAME: JIANG, Minhua	
<u>Xiaoping</u>	<u>2012.6.14</u>
Signature of Inventor #2	Date
NAME: XIAO, Ping	
<u>JIANG Jianzhong</u>	<u>2012.6.20</u>
Signature of Inventor #3	Date
NAME: JIANG, Jianzhong	
<u>Zhong Li</u>	<u>2012.7.2</u>
Signature of Inventor #4	Date
NAME: ZHONG, Li	