

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Rabi Bhattacharya</td><td>08/17/2009</td></tr><tr><td>Yongli Xu</td><td>08/17/2009</td></tr></tbody></table>	Name	Execution Date	Rabi Bhattacharya	08/17/2009	Yongli Xu	08/17/2009	
Name	Execution Date						
Rabi Bhattacharya	08/17/2009						
Yongli Xu	08/17/2009						
RECEIVING PARTY DATA							
Name:	UES, Inc.						
Street Address:	4401 Dayton-Xenia Road						
City:	Dayton						
State/Country:	OHIO						
Postal Code:	45432						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12479119</td></tr></tbody></table>	Property Type	Number	Application Number:	12479119			
Property Type	Number						
Application Number:	12479119						
CORRESPONDENCE DATA							
Fax Number: (513)977-8141 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	40809-99						
NAME OF SUBMITTER:	Blake A. Nickles						
Total Attachments: 3 source=assignment#page1.tif source=assignment#page2.tif							

OP \$40.00 12479119

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PATENT  
REEL: 023122 FRAME: 0820



## ASSIGNMENT

WHEREAS, we, **Rabi S. Bhattacharya** of Dayton, Ohio and **Yongli Xu** of Centerville, Ohio, invented certain new and useful **Methods of Splitting CdZnTe Layers from CdZnTe Substrates for the Growth of HgCdTe** for which a U.S. patent application was filed on June 5, 2009 under

☒ Patent Application Serial No. 12/479,119

☒ Attorney Docket No. UNI 0069 PA/40809-99 ;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, **UES, Inc.**, a corporation of the State of Ohio, with a place of business at 4401 Dayton-Xenia Road, Dayton, Ohio 45432, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

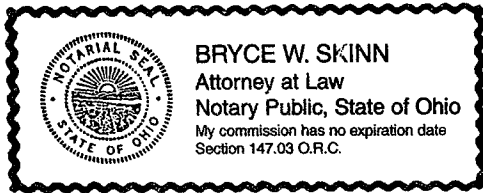
NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date: 08/17/2009

Rabi S. Bhattacharya  
RABI S. BHATTACHARYA

State of OHIO )  
County of COLUMBIA ) ss

On this 17 day of AUGUST, 2009 before me a Notary Public in and for the above County and State, personally appeared the above named **Rabi S. Bhattacharya** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



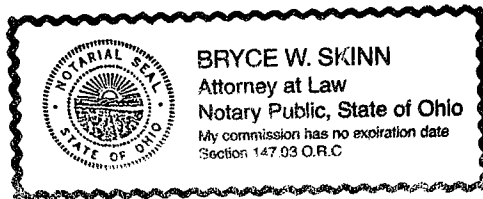
[Signature]  
Notary Public

Date: 8-17-09

Yongli Xu  
YONGLI XU

State of OHIO )  
County of COLUMBIA ) ss

On this 17 day of AUGUST, 2009 before me a Notary Public in and for the above County and State, personally appeared the above named **Yongli Xu** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



[Signature]  
Notary Public