

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the The third inventor's name should be SHU-SAN HSIAU. previously recorded on Reel 022941 Frame 0609. Assignor(s) hereby confirms the Assignment.												
<b>CONVEYING PARTY DATA</b>													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>JIRI SMID</td> <td>02/17/2009</td> </tr> <tr> <td>YAU-PIN CHYOU</td> <td>02/17/2009</td> </tr> <tr> <td>SHU-SAN HSIAU</td> <td>02/17/2009</td> </tr> <tr> <td>CHIN-CHING TZENG</td> <td>02/17/2009</td> </tr> <tr> <td>CHIA-REN HSU</td> <td>02/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	JIRI SMID	02/17/2009	YAU-PIN CHYOU	02/17/2009	SHU-SAN HSIAU	02/17/2009	CHIN-CHING TZENG	02/17/2009	CHIA-REN HSU	02/17/2009
Name	Execution Date												
JIRI SMID	02/17/2009												
YAU-PIN CHYOU	02/17/2009												
SHU-SAN HSIAU	02/17/2009												
CHIN-CHING TZENG	02/17/2009												
CHIA-REN HSU	02/17/2009												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	Institute of Nuclear Energy Research Atomic Energy Council, Executive Yuan												
<b>Street Address:</b>	No. 1000, Wenhua Road, Jiaan Village, Longtan Township												
<b>City:</b>	Taoyuan County												
<b>State/Country:</b>	TAIWAN												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12500994</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12500994								
Property Type	Number												
Application Number:	12500994												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(703)880-7487												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	703-684-4411												
<b>Email:</b>	faxva@wpat.com												
<b>Correspondent Name:</b>	WPAT, PC												
<b>Address Line 1:</b>	1940 Duke Street Suite 200												
<b>Address Line 4:</b>	Alexandria, VIRGINIA 22314												
<b>ATTORNEY DOCKET NUMBER:</b>	18906-414												
<b>NAME OF SUBMITTER:</b>	Justin King												

OP \$40.00 12500994

**Total Attachments: 7**

source=assignment#page1.tif

source=assignment#page2.tif

source=18906-414\_WrongAssignmentRecordation#page1.tif

source=18906-414\_WrongAssignmentRecordation#page2.tif

source=18906-414\_WrongAssignmentRecordation#page3.tif

source=18906-414\_WrongAssignmentRecordation#page4.tif

source=18906-414\_WrongAssignmentRecordation#page5.tif

TO:WPAT, PC COMPANY:1940 DUKE STREET SUITE 200

<b>PATENT ASSIGNMENT</b>
--------------------------

Electronic Version v1.1  
 Stylesheet Version v1.1

**07/10/2009**  
**500907643**

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIRI SMID	02/17/2009
YAU-PIN CHYOU	02/17/2009
SHU-SAN SHU-SAN	02/17/2009
CHIN-CHING TZENG	02/17/2009
CHIA-REN HSU	02/17/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Institute of Nuclear Energy Research Atomic Energy Council, Executive Yuan
<b>Street Address:</b>	No. 1000, Wenhua Road, Jiaan Village, Longtan Township
<b>City:</b>	Taoyuan County
<b>State/Country:</b>	TAIWAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12500994
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)880-7487
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	703-684-4411
<b>Email:</b>	FAXVA@WPAT.COM
<b>Correspondent Name:</b>	WPAT, PC
<b>Address Line 1:</b>	1940 Duke Street Suite 200
<b>Address Line 4:</b>	Alexandria, VIRGINIA 22314
<b>ATTORNEY DOCKET NUMBER:</b>	18906-414
<b>NAME OF SUBMITTER:</b>	Justin King
Total Attachments: 2 source=assignment#page1.tif	

CH \$40.00 12500994

TO:WPAT, PC COMPANY:1940 DUKE STREET SUITE 200

source=assignment#page2.tif

**ASSIGNMENT**

WHEREAS, I(we), **JIRI SMID ; CHYOU, YAU-PIN ; HSIAU, SHU-SAN ; TZENG, CHIN-CHING ; HSU, CHIA-REN** whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled

**TWO-STAGE GRANULAR MOVING-BED APPARATUS**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent /Utility Patent is executed on even date herewith unless at least one of the following is checked:

United States Design Patent

was

executed on:

filed on:

Serial No.:

established by PCT International Patent Application No.:

filed:

designating the United States of America

issued on \_\_\_\_\_ as U.S. Patent No.: \_\_\_\_\_

WHEREAS, **INSTITUTE OF NUCLEAR ENERGY RESEARCH ATOMIC ENERGY COUNCIL, EXECUTIVE YUAN** whose post office address is **NO. 1000, WENHUA ROAD, JIAAN VILLAGE, LONGTAN TOWNSHIP, TAoyUAN COUNTY, TAIWAN, R.O.C.** hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

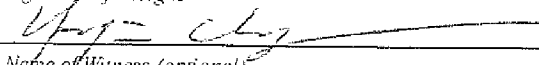
ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment;

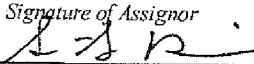
ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

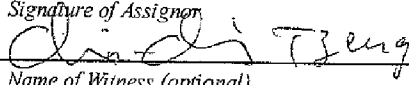
ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.


ASSIGNOR authorizes any member of the firm of WPAT, PC (Customer No. 60951) to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name <b>JIRI SMID</b>	Address <b>Tylovo namesti 6, 12000 Prague 6, Czech Republic</b>
Signature of Assignor <i>Jiri Smid</i>	Date of Signature <i>2009.02.17</i>
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name <b>CHYOU, YAU-PIN</b>	Address Apt. 9F-2, No. 7, Lane 387, Section 1, Neihu Road, Neihu District, Taipei 114, Taiwan, R.O.C.
Signature of Assignor 	Date of Signature 2009.02.17
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name <b>HSIAU, SHU-SAN</b>	Address No. 300, Jhongda Road, Jhongli City, Taoyuan County 32001, Taiwan, R.O.C.
Signature of Assignor 	Date of Signature 2009.02.17
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name <b>TZENG, CHIN-CHING</b>	Address No. 1000, Wenhua Road, Jiaan Village, Longtan Township, Taoyuan County, Taiwan, R.O.C.
Signature of Assignor 	Date of Signature 2009.02.17
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

Assignor Name <b>HSU, CHIA-REN</b>	Address No. 8, Lane 342, Sihwei Road, Dounan Township, Yunlin County 630, Taiwan, R.O.C.
Signature of Assignor 	Date of Signature 2009.02.17
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)