

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Duck-Gun Park</td> <td>07/14/2008</td> </tr> <tr> <td>Derac Son</td> <td>07/14/2008</td> </tr> <tr> <td>Kwon-Sang Ryu</td> <td>07/14/2008</td> </tr> <tr> <td>Dae-hyuk Jyung</td> <td>07/14/2008</td> </tr> <tr> <td>Whung-whoe Kim</td> <td>07/14/2008</td> </tr> </tbody> </table>		Name	Execution Date	Duck-Gun Park	07/14/2008	Derac Son	07/14/2008	Kwon-Sang Ryu	07/14/2008	Dae-hyuk Jyung	07/14/2008	Whung-whoe Kim	07/14/2008
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Whung-whoe Kim	07/14/2008												
RECEIVING PARTY DATA													
Name:	Korea Atomic Energy Research Institute												
Street Address:	150 Deokjin-dong, Yuseong-gu												
City:	Daejeon												
State/Country:	REPUBLIC OF KOREA												
Postal Code:	305-353												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12161754</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12161754								
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CORRESPONDENCE DATA													
Fax Number:	(216)579-6073												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Email:	cdavis@pearne.com												
Correspondent Name:	PEARNE & GORDON LLP												
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Address Line 2:	SUITE 1200												
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ATTORNEY DOCKET NUMBER:	MUH-44006												
NAME OF SUBMITTER:	Michael W. Garvey												

CH \$40.00 12161754

Total Attachments: 3

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ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in
APPARATUS AND METHOD FOR SEARCHING EDDY CURRENT OF ELECTRIC HEAT
TUBE USING MEASURING MAGNETIC PERMEABILITY IN STEAM GENERATOR

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office.

for which an application for Letters Patent of the United States was filed on _____,
which application is identified by Serial No. _____.

WHEREAS, Korea Atomic Energy Research Institute a corporation of Republic of Korea,
having a place of business at 150 Deokjin-dong, Yuseong-gu, Daejeon 305-353, Republic of
Korea, hereinafter referred to as "assignee", are desirous of acquiring all right, title, and interest
throughout the world in, to, and under said improvements and inventions and patent rights
therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and
sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States
and throughout the world, in, to and under said improvements and inventions and all patents,
patent applications, patent rights, and inventor's certificates thereof, therefor, and therein,
including without limitation said application for patent in the United States, all divisions and
continuations thereof, all patents which may be granted thereon, all reissues and extensions
thereof, all right to sue for past infringement thereunder, all patents which may be granted for
said improvements and inventions by states or nations other than the United States, or by other
authority, entity, or organization, and all applications therefor, have been and are hereby sold,
assigned, transferred, and delivered unto assignees, its successors and assigns; and it is
covenanted and agreed by the undersigned, and for executors, administrators, and legal

representatives of the undersigned, that at assignees' request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignees, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owners of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignees as owners of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name: PARK, Duck-Gun

Signature: PARK, Duck Gun

Today's Date: July 14, 2008

Witness: _____

Witness: _____

(2) Inventor Name: SON, Derac

Signature: Derac Son

Today's Date: July 14, 2008

Witness: _____

Witness: _____

(3) Inventor Name: RYU, Kwon-Sang

Signature: RYU, Kwon - Sang

Today's Date: July 14, 2008

Witness: _____

Witness: _____

(4) Inventor Name: JYUNG, Dae-hyuk

Signature: Dh Jyung

Today's Date: July 14, 2008

Witness: _____

Witness: _____

(5) Inventor Name: KIM, Whung-whoe

Signature: KIM, Whung - whoe.

Today's Date: July 14, 2008

Witness: _____

Witness: _____

**Last Page of Document