

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Korea Atomic Energy Research Institute	04/18/2008
RECEIVING PARTY DATA	
Name:	Korea Hydro & Nuclear Power Co., Ltd.
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State/Country:	REPUBLIC OF KOREA
Postal Code:	135-882
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12062463
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ASSIGNMENT

WHEREAS, Korea Atomic Energy Research Institute, a Korean Corporation, having offices at 150-1, Deokjin-dong, Yuseong-gu, Daejeon 305-353, Republic of Korea, (hereinafter "ASSIGNOR"), represents and warrants that it is the sole owner of the entire right, title, and interest to the following United States application for Letters Patents in the United States (hereinafter "the Patent Application"):

<u>Application No.</u> 12/062,463	<u>Filing Date</u> April 3, 2008	<u>Title</u> CZOCHRALSKI APPARATUS FOR GROWING CRYSTALS AND PURIFICATION METHOD OF WASTE SALTS USING THE SAME
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WHEREAS, Korea Hydro & Nuclear Power Co., Ltd, a Korean Corporation, having offices at 167, Samsong-dong, Gangnam-gu, Seoul 135-882, Republic of Korea (hereinafter "ASSIGNEE") desires to acquire half the entire right, title, and interest in and to the Patent Application;

NOW, THEREFORE, in light of good and valuable consideration to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR hereby further acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, half the entire right, title, and interest in the Patent Application and all Patents that may be granted thereon, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patent Application to both ASSIGNOR and ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patent Application immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patent Application, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce all Patents that may be granted on the Patent Application or all divisions, continuations, reissues, reexaminations and extensions thereof.

Korea Atomic Energy Research Institute

Date: 18, April, 2008

Signature: *Shin*

Name Printed: Eun-Jeong SHIN

Title: Patent Manager

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