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To the Director of the U.S. Patent and Trademark Office

documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Do-Young Jeong  
Kwant-Hoon Ko  
Gwon Lim  
Cheol-Jung Kim

Execution Date(s) January 21, 2005

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies)

Name: Korea Atomic Energy Research Institute

Internal Address:

Street Address: 150 Dukjin-dong, Yusung-gu

305-353 Daejeon, Republic of Korea

City:

State:

Country:

Zip:

Additional name(s) & address(es) attached? ☒ Yes ☐ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

02/14/2005 LANDGRA 00000070 10522461

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40.00

Additional numbers attached? ☐ Yes ☐ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kent E. Baldauf

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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed with filing fee  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number

Authorized User Name

9. Signature:

*Kent E. Baldauf*  
Signature

January 25, 2005

Date

Kent E. Baldauf

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

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RECORDATION FORM COVER SHEET FOR PATENTS CONTINUED

2. (CONTINUED)

KOREA HYDRO & NUCLEAR POWER CO., LTD.

167 Samsung-dong

Kangnam-gu

135-090 Seoul

Republic of Korea

{W0165264.1}

**ASSIGNMENT**

WHEREAS, We, Do-Young JEONG, Kwang-Hoon KO, Gwon LIM and Cheol-Jung KIM residing in 106-1006 Expo Apt., Jeonmin-dong, Yuseong-gu, 305-761 Daejeon, Republic of Korea; 308-501 Cheongsol Apt., Songkang-dong, Yuseong-gu, 305-752 Daejeon, Republic of Korea; 25-91 Sambu Apt., Taepyung-2-dong, Jung-gu, 301-774 Daejeon, Republic of Korea; and 101-1803 Hanbit Apt., Uheun-dong, Yuseong-gu, 305-755 Daejeon, Republic of Korea; have invented certain new and useful improvements entitled **METHOD FOR ISOTOPE SEPARATION OF THALLIUM** for which we have this day executed an application for United States Letters Patent;

AND, WHEREAS **KOREA ATOMIC ENERGY RESEARCH INSTITUTE** and **KOREA HYDRO & NUCLEAR POWER CO., LTD.** corporations of the Republic of Korea, having a place of business at 150 Dukjin-dong, Yusung-gu, 305-353 Daejeon, Republic of Korea; and 167 Samsung-dong, Kangnam-gu, 135-090 Seoul, Republic of Korea, respectively, hereinafter called the "assignees", are desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

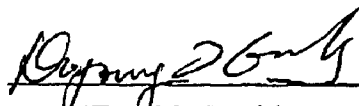
NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignees, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignees the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof, said assignees to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the

lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignees or the representative thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignees or by counsel for said assignees, to assist or enable said assignees to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignees.

Dated: January 21, 2005

  
JEONG, Do-Young

Dated: January 21, 2005

  
KO, Kwang-Hoon

Dated: January 21, 2005

  
LIM, Gwon

Dated: January 21, 2005

  
KIM, Cheol-Jung