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To the Honorable Commissioner of Patents

102573261

original documents or copy thereof.

1. Name of conveying party(ies):
Kun Woo Song, Jae Ho Yang, Keon Sik Kim, Ki Won Kang,
Jong Hun Kim, and Youn Ho Jung

10.2.03

2. Name and address of receiving party(ies)
(1) Korea Atomic Energy Research Institute
150 Deogjin-dong, Yuseong-gu, Daejeon
305-353, Republic of Korea

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

(2) Korea Hydro & Nuclear Power Co., Ltd.
167 Samseong-dong, Gangnam-gu, Seoul
135-791, Republic of Korea

Execution Date: September 19, 2003

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 09/19/2003

A. Patent Application No.(s) 10677681

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Gregory P. LaPointe
Internal Address: Bachman & LaPointe, P.C.
Suite 1201

Street Address: 900 Chapel Street
City: New Haven State: CT Zip: 06510

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

02-0184

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gregory P. LaPointe
Name of Person Signing

[Signature]
Signature

October 2, 2003
Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:
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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, **SONG, Kun Woo; YANG, Jae Ho; KIM, Keon Sik; KANG, Ki Won; KIM, Jong Hun; JUNG, Youn Ho**, Hereby sell, assign and transfer to **KOREA ATOMIC ENERGY RESEARCH INSTITUTE; KOREA HYDRO & NUCLEAR POWER CO., LTD.**, corporations of **Republic of Korea**, having a place of business at **150 Deogjin-dong, Yuseong-gu, Daejeon 305-353, Republic of Korea; 167 Samseong-dong, Gangnam-gu, Seoul 135-791, Republic of Korea**, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled

NUCLEAR FUEL BODY INCLUDING TUNGSTEN NETWORK AND METHOD OF MANUFACTURING THE SAME

(**Attorney's Docket No.: 03-625**), and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said

improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

(L.S.) Song Keun Woo
SONG, Keun Woo

9. 19. 2003
(Date)

(L.S.) Yang Jae Ho
YANG, Jae Ho

September 19, 2003
(Date)

(L.S.) Kim Keon Sik
KIM, Keon Sik

September 19, 2003
(Date)

(L.S.) Ki Won
KANG, Ki Won

Sep. 19, 2003
(Date)

(L.S.) KIM, Jong Hun
KIM, Jong Hun

9.19.2003
(Date)

(L.S.) Jung Youn Ho
JUNG, Youn Ho

9.19.2003
(Date)