FORM PTO-1555 (modified) RECC 09-12	- 2003 U.S. DEPARTMENT OF COMMERCE	
To the Honorable Assistant Secretary and Commor copy(ies) thereof. 10254	record the attached original document(s)	
1. Name of conveying party(ies): 9-5-03	2. Name and address of receiving party(ies):	
Toshio NAKAGIRI	Name: <u>JAPAN NUCLEAR CYCLE DEVELOPMENT</u> INSTITUTE	
Additional name(s) of conveying party(ies) attached? No		
3. Nature of conveyance:	Street Address: 4-49, Muramatsu, Tokai-mura, Naka-gun	
X Assignment Merger Security Agreement Change of Name Other	City: <u>Ibaraki-ken</u> Country: <u>Japan</u>	
Execution Date: August 6, 2003	Additional name(s) & address(es) attached? No	
4. Application number(s) or patent number(s):	55 \ 3 \	
If this document is being filed together with a new application A. Patent Application No.(s)	n, the execution date of the application is: <u>August 6, 2003</u> B. Patent No.(s)	
Additional numbers	s attached? <u>No</u>	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Michael R. Davis, Esq.	7. Total fee (37 CFR 3.41) \$40.00	
Street Address: 2033 K Street, N.W., Suite 800	X Enclosed (Check No. 57489 ) Authorized to be charged to deposit account	
City: Washington, State: DC ZIP: 20006-1021	8. Deposit account number: 23-0975	
(Attach duplicate copy of this page if paying by deposit account)  DO NOT USE THIS SPACE		
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.		
Michael R. Davis , Reg. No. 25,134	September 5, 2003	
Name of Person Signing Signature	Total number of pages including cover sheet: 3	
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/08/2003 JADD01 00000063 10655131 FC:8021 40.00 09		

PATENT REEL: 014470 FRAME: 0640 In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration

## **ASSIGNMENT**

	paid to each of the undersigned	
	Toshio NAKAGIRI	
nsert Name(s) f Inventor(s)		
	the undersigned hereby sell(s) and assign(s) to	
nsert Name(s)	JAPAN NUCLEAR CYCLE DEVELOPMENT INSTITUTE	
f Assignee(s)	of 4-49, Muramatsu, Tokai-mura, Naka-gun, Ibaraki-ken, Japan	
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as	
	Method For Producing Hydrogen By Chemical Process	
itle of nvention	Using Heat With Electricity	
ate of Signing f Application	for which an application for patent in the United States has been executed by the undersigned on	
	August 6, 2003	

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

PATENT REEL: 014470 FRAME: 0641 The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date August 6, 2003, Name of Inventor Toshio hakagiri Name of Inventor Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ Date \_\_\_\_\_\_, Name of Inventor \_\_\_\_\_ Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.) ACKNOWLEDGEMENT \_\_\_\_\_\_ day of \_\_\_\_\_\_\_, 19\_\_\_\_\_, before me personally came the above-named\_\_\_ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature **SEAL** Official Title The above application may be more particularly identified as follows: U.S. Application Serial No. \_\_\_\_\_\_Filing Date \_\_\_\_\_ Applicant Reference Number \_\_\_\_\_ Atty Docket No.\_\_\_\_\_ Title of Invention \_\_\_\_

RECORDED: 09/05/2003

PATENT REEL: 014470 FRAME: 0642