
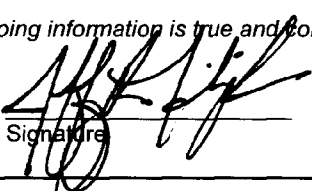


DT15 Rec'd PCT/PTO 03 SEP 2004

FORM PTO-1595 (modified)		REC	06-21-2005	ET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
				10/506526	
To the Honorable Assistant Secretary and Copy(ies) thereof.		103024637		Please record the attached original document	
1. Name of conveying party(ies): Norikazu KOMADA, Koji HOSHINO, Jun AKIKUSA, Kei HOSOI Additional name(s) of conveying party(ies) attached? No		2. Name and address of receiving party(ies): Name: MITSUBISHI MATERIALS CORPORATION Street Address: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-0004, Japan Name: THE KANSAI ELECTRIC POWER CO., INC. Street Address: 3-22, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005, Japan Additional name(s) & address(es) attached? No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: August 23, 2004					
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: August 23, 2004 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Jeffrey R. Filipek, Esq. Street Address: 2033 K Street, N.W., Suite 800 City: Washington, State: DC ZIP: 20006-1021		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41). \$ 40.00 <input checked="" type="checkbox"/> Enclosed (Check No. 63902) Authorized to be charged to deposit account 8. Deposit account number: 23-0975 (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. Jeffrey R. Filipek, Reg. No. 41,471 Name of Person Signing  Signature September 3, 2004 Date Total number of pages including cover sheet: 3					
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ATTACHMENT E

PATENT
REEL: 016692 FRAME: 0678

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Norikazu KOMADA, Koji HOSHINO, Jun AKIKUSA and

Kei HOSOI

Insert Name(s)
of Inventor(s)

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)
of Assignee(s)

MITSUBISHI MATERIALS CORPORATION

of 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-0004, Japan

Address

Insert Name(s)
of Assignee(s)

THE KANSAI ELECTRIC POWER CO., INC.

of 3-22, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005, Japan

Address

(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

SOLID OXIDE FUEL CELL AND SEPARATOR

Title of
Invention

for which an application for patent in the United States has been executed by the undersigned on

August 23, 2004

Date of Signing
of Application

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.

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 Aug. 23, 2004, Name of Inventor Noriharu Komada
Date Aug. 23, 2004, Name of Inventor Koji Ishikawa
Date Aug. 23, 2004, Name of Inventor Jun Aikawa
Date Aug. 23, 2004, Name of Inventor Seiji Imai
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.)

Witness Toshio Yamada
Witness Sunao Iwaya

ACKNOWLEDGEMENT

_____ } ss

This _____ 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.

SEAL

Official Signature

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 _____