



2,1202

Attorney Docket No. 011632

02-20-2002

DEPARTMENT OF COMMERCE

Patent and Trademark Office

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101987539

Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

Submission type: XX New

Conveyance type: XX Assignment _____ Security Agreement

Conveying Party(ies):

Execution Date

First party Name: HAMADA, Akira

January 28, 2002

Second party Name: NAKATO, Kunihiro

January 28, 2002

Additional name of conveying party attached? Yes ___ No XX

Receiving Party:

First party Name: SANYO ELECTRIC CO., LTD.

Address: 5-5, Keihanhondori 2-chome,
Moriguchi-shi, Osaka-fu, Japan

Additional name & address attached? Yes ___ No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

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Correspondent Name and Address

ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

Telephone: 202-659-2930

Pages Enter the total number of pages of the attached conveyance document: 1

Application Number or Patent Number Additional numbers attached? Yes No

A. Patent Application No.

B. Patent No.

09/998,912

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____

Patent Cooperation Treaty (PCT)

Enter PCT application number only if
a U.S. Application Number has not been assigned

PCT _____
PCT _____
PCT _____

Number of Properties Enter the total number of properties involved: 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). \$40.00

XX Enclosed

Authorized to be charged to Deposit Account No.: 01-2340

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.

William L. Brooks
Name of Person Signing

William L. Brooks
Signature

February 12, 2002
Date

34,129
Registration No.

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by SANYO ELECTRIC CO., LTD. 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka-fu, Japan

(Insert ASSIGNEE's Name(s) Address(es))

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

GAS DIFFUSION LAYER FOR FUEL CELL AND MANUFACTURING METHOD OF THE SAME

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on December 3, 2001, Serial No. 09/998,912.

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Handwritten signatures and dates for Akira HAMADA and Kunihiro NAKATO, with corresponding printed labels for SIGNATURE, TYPE NAME, and DATE.

NO LEGALIZATION REQUIRED