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U.S. Department of Commerce
Patent and Trademark Office

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PATENT

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- New
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- Correction of PTO Error
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Conveyance Type

- Assignment Security Agreement
- License Change of Name
- Merger Other
- U.S. Government
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- Departmental File Secret File

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Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor Month Day Year

Patent Cooperation Treaty (PCT)

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

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved. #

Fee Amount

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

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

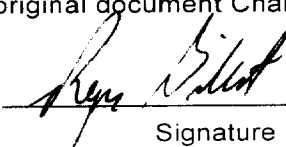
Deposit Account Number: #

Authorization to charge additional fees: Yes No

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 Charges to deposit account are authorized, as indicated herein.

Roger A. Gilcrest, Reg. No. 31,954



April 13, 2000

Name of Person Signing

Signature

Date

ASSIGNMENT

This assignment is made by Liang-Shih Fan, residing at 2153 Shawmont Court, City of Dublin, State of Ohio 43016 and Himanshu Gupta, residing at 1000 King's Highland Drive South, City of Columbus, State of Ohio 43229 ("ASSIGNORS") to The Ohio State University, a non-profit organization organized under the laws of the State of Ohio and having an office at 1960 Kenny Road, City of Columbus, State of Ohio 43210-1063 ("ASSIGNEE").

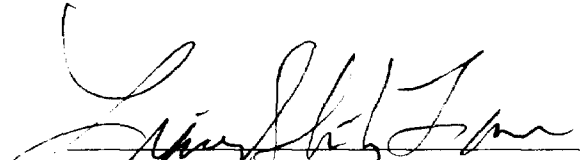
FOR ONE U.S. DOLLAR (\$1.00) AND FOR OTHER GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, ASSIGNORS do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to our invention entitled METHOD FOR THE TREATMENT OF ACTIVATED CARBONACEOUS MATERIAL CONTAINING ALKALI/ALKALINE EARTH METALS FOR THE REDUCTION OF NO_x FROM FLUE GAS, as described and/or claimed in an application for patent of the United States of America, Serial No. 09/498,232 (If said number is not herein written, ASSIGNORS authorize said number to be supplied hereafter.) A Declaration for the application has been executed on 02/07 & 02/14/00 ASSIGNORS further do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest, together with all rights of priority, in and to ASSIGNOR'S invention as described and/or claimed in any and all applications for patents based on the invention, including divisionals, continuations, renewals, substitutes and reissues thereof, and all rights of priority resulting from any of these patent applications, as well as all foreign counterparts and extensions thereof, together with all patents issuing on any of these applications for the full terms of all of the patents which may be granted on the invention.

ASSIGNORS HEREBY AUTHORIZE ASSIGNEE to make applications for, to prosecute such applications, and to receive patents for the invention in the United States and any foreign countries, in ASSIGNEE's name.

ASSIGNORS HEREBY PROMISE AND AGREE that ASSIGNORS will execute or procure any further necessary assurance of title to the invention and any patents which may issue on the invention. ASSIGNORS will, at any time, upon the request and without further consideration, but at the expense of

ASSIGNEE, deliver any testimony in any legal proceedings and execute all papers and do all other things that may be necessary or desirable to perfect the title to the invention, or any patents which may be granted therefor, in ASSIGNEE, its successors, assigns, or other legal representatives. ASSIGNORS will, at any time, upon the request and at the expense of ASSIGNEE, execute any continuations, divisionals, reissues, or any other additional applications for patents for the invention or any part or parts thereof and any patents issuing thereon are hereby assigned to ASSIGNEE. ASSIGNORS will make all rightful oaths, and do all lawful acts required for procuring and enforcing any of the patents, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

ASSIGNORS HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for the invention, resulting from any of the aforesaid applications to the ASSIGNEE.


Liang-Shih Fan, ASSIGNOR

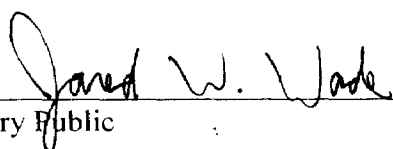
STATE OF OHIO :
COUNTY OF FRANKLIN : SS:


Before me personally appeared *Liang-Shih Fan*, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 7TH of February, 2000.



Jared W. Wade
Notary Public, State of Ohio
My commission does not expire.


Notary Public


Himanshu Gupta, ASSIGNOR

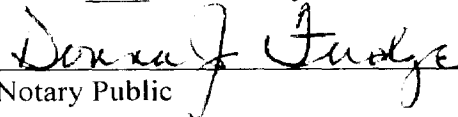
STATE OF OHIO :
COUNTY OF FRANKLIN : SS:

Before me personally appeared *Himanshu Gupta*, to me known to be the same person described in and who executed the foregoing instrument, and acknowledged that he executed the same, of his own free will and for the purposes set forth.

Sworn to before me and subscribed in my presence this 14TH of February, 2000.



DONNA J. FUDGE
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES MARCH 31, 2004


Notary Public