FORM PTO-1595			R SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
To the Honorable Commission	10196250	6	attached original	documents or copy thereo	f.
1. Name of conveying party(ies): Yuming Gao Xu Chen Additional name(s) of conveying party(jes) attached?	102	Name:_		eiving party(ies) / Research Foundation_	10/045784
 3. Nature of conveyance: ☑ Assignment □ Merger □ Security Agreement □ Change of National Other 		City: <u>P</u> i	Room	<u>RI</u> ZIP: <u>02912</u>	-
Execution date: December 28, 2001		Addition	al name(s) & address(e	es) attached?	No
 4. Application number(s) or patent number(s): If this document is being filed together with a new A. Patent Application No. 60/338,151 5. Name and address of party to whom corresp concerning document should be mailed: Name: Sam Rosen, Esquire Internal Address: LEONARD BLOOM & ASSOCIATES, I 	ditional numbers atta ondence	ched?	B. Patent No.(⊠ _{No}	s and patents involved:	1
Street Address: 502 Washington Avenue		Authorized to be charged to deposit account			
Suite 220 City: Towson State: MD ZIP: 01/28/2002 DBYRNE 000000119 10045784	21204	02-2		page if paying by deposit a	ccount)
01 FC:581 40.00 OP	DO NOT USE	THIS SPACE			
9. Statement and signature. To the best of my knowledge and belief, the the original document. Sam Rosen Name of Person Signing Total number of pages including cov	L'aru Sigr	Lozer	<u>n</u> 4	attached copy is a true o January I U, Z a Date	2072
Mail documents t	o be recorded wi	th required c	over sheet infor	mation to:	

Commissioner of Patents and Trademarks, Box Assignments Arlington, VA 22202

> PATENT REEL: 012499 FRAME: 0052

ASSIGNMENT FOR PROVISIONAL PATENT APPLICATION

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We,

ARUN K. MEHTA ROBERT H. HURT YUMING GAO XU CHEN ERIC M. SUUBERG

do hereby sell and assign to

BROWN UNIVERSITY RESEARCH FOUNDATION

incorporated under the laws of Rhode Island, U.S.A., having its principal place of business at 42 Charlesfield Street, Room 301, Providence, Rhode Island 02912, (hereinafter referred to as "ASSIGNEE") its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the IMPROVEMENTS IN:

DRY AND SEMI-DRY METHODS FOR REMOVAL OF AMMONIA FROM FLY ASH

invented by us and set forth in the Provisional Patent Application Serial No. (to be assigned), and identified by Attorney Docket 21372-PPA, and all original and reissued patents granted therefrom, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents, Utility Model Registrations and Inventor's Certificates in countries foreign to the United States, and in and to any Letters Patent, Utility Model Registration or Inventor's Certificate which may be granted thereon in such foreign countries, including all priority rights under the International Convention associated therewith for each country of the Union, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue the said Letters Patent, Utility Model Registration or Inventor's Certificate to the said "ASSIGNEE," its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and we covenant that we have full right to convey the entire interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith, and agree that we will communicate to said "ASSIGNEE," its successors, assigns, nominees or other legal representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said "ASSIGNEE," its successors, assigns, nominees or

other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and we further covenant and agree that we will, at any time upon request, do everything legally possible to aid said "ASSIGNEE," its successors, assigns, nominees or other legal representatives, either in its or their own name, to apply for, obtain and enforce patent, Utility Model and/or Inventor's Certificate protection for said improvements in all countries, all without further consideration but at the expense of said "ASSIGNEE," its successors, assigns, nominees, or other legal representatives.

Executed at		this	
day of	, 2001.		
		ARUN K. MEHTA	
State of)) SS:		
County of)		
Before me perso	nally appeared sai	d ARUN K. MEHTA, who acknowle	dged the foregoing
instrument to be his own	n free act and deed	this day of	, 2001.

NOTARY PUBLIC

(SEAL)

My commission expires

* * * * *

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Executed at		this
day of	, 2001	
		ROBERT H. HURT
State of)) SS:	
County of)	
		id ROBERT H. HURT, who acknowledged the act and deed this day of
	_, 2001.	
		NOTARY PUBLIC
(SEAL)		
	My commission ex	xpires
		* * * * *

Executed at 120 Waterman St. PRovidence RI this 28th

day of <u>December</u>, 2001.

furning and

State of Rhode Island) County of Providence)

Before me personally appeared said YUMING GAO, who acknowledged the foregoing instrument to be his own free act and deed this 28th day of <u>December</u>, 2001.

B. Mucher

(SEAL)

My commission expires

Alissa Maria Stuckey, Notary Public State of Rhode Island and Providence Plantations My Commission Expires: 2/28/2005

* * * * *

Executed at 120 Water Man St Providence this 28th

day of December, 2001.

M **XU CHE**

State of Rhode 18land) State of Rhode 18land) SS: County of PROVIDENCE) Before me personally appeared said XU CHEN, who acknowledged the foregoing instrument to be his own free act and deed this $\frac{\partial 8 th}{\partial 4 th}$ day of <u>December</u>, 2001.

(SEAL)

Alissa Maria Stuckey, Notary Public My commission expires My Commission Expires: 2/28/2005 State of Rhode Island and Providence Plantations

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Executed at		this	
day of	, 2001.		
		ERIC SUUBERG	
State of)) SS:		
County of)		
-		RIC SUUBERG, who acknowledged t	
		NOTARY PUBLIC	
(SEAL)			

My commission expires_____

SR/jjr

 $C:\label{eq:corel} C:\label{eq:corel} C:\label{eq:corel} Office 7\ WPW in 7\ Judy\ assignment\ 21372 assign provnl. wpd$

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