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Form PTO-1595 3 4-0 RE 03-07 (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
OMB No. 0651-0027 (exp. 6/30/2005)			
Tab settings ⇔ ⇔ ▼ To the Honorable Commissioner of F 1 ∩ 23	33931 riginal documents or copy thereof.		
	2. Name and address of receiving party(ies)		
Name of conveying party(ies): Jeffrey J. SPIEGELMAN	Name: AERONEX, INC.		
Daniel ALVAREZ, Jr	Name: //EROHEX, INC.		
Joshua T. COOK	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No			
3. Nature of conveyance:			
Assignment Merger	Street Address: 6975 Flanders Rd		
Security Agreement Change of Name	Sileet Address.		
Other			
_	City: San Diego State: CA Zip: 92121		
06/14/2002			
Execution Date:	Additional name(s) & address(es) attached? Yes ✓ No		
4. Application number(s) or patent number(s):			
_	cation, the execution date of the application is:		
A. Patent Application No.(s) 10/173,335	B. Patent No.(s)		
Additional numbers att			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1		
concerning document should be mailed: Name:Colleen J. McKiernan	7. Total fee (37 CFR 3.41)\$_40.00		
Name:	✓ Enclosed		
Internal Address:			
	Authorized to be charged to deposit account		
	8. Deposit account number:		
Street Address:	00 4070		
_	02-4070		
	[] Ta []		
City: San Diego State: CA Zip: 92101	9. 77		
	THIS SPACE		
9. Signature.			
9. Signature.			
	02/26/2003		
Colleen J. McKiernan, 48,570 Name of Person Signing	02/26/2003 Signature Date		

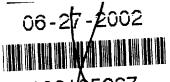
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Washington, D.C. 20231

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U.S. Department of Commerce Patent and Trademark Office PATENT

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TO TI	Indiana of Batanta and Trade	PATENTS ONLY
TO: The Comm	T 4 A	marks: Please record the attached original document(s) or copy(les). Conveyance Type
X New	1ype 6-H-07	X Assignment Security Agreement
Resubmis Documen	sion (Non-Recordation) t ID#	License Change of Name
Reel #	n of PTO Error Frame #	Merger Other U.S. Government (For Use ONLY by U.S. Government Agencies)
Reel #	Frame #	Departmental File Secret File
Conveying P	arty(ies)	Mark if additional names of conveying parties attached Execution Date Month Day Ye
Name (line 1)	Jeffrey J. SPEIGELMA	
Name (line 2)		Execution Date
Second Party Name (line 1)	Daniel ALVAREZ, Jr.	Month Day You 06-14-2002
Name (line 2)		
Receiving Pa	arty	Mark if additional names of receiving parties attached
Name (line 1)	Aeronex. Inc.	If document to be rein is an assignment an receiving party is no
Name (line 2)		domiciled in the Unit States, an appointme of a domestic
Address (line 1)	6975 Flanders Drive	representative is atta (Designation must b
Address (line 2)		separate document i Assignment.)
Address (line 3)	San Diego	CA 92121 /0/733
Domestic Re	presentative Name and	d Address Enter for the first Receiving Party only.
Name [
Address (line 1)		
Address (line 2)		
Address (line 3)		
Address (line 4)		
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FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

	PATENTS UNLT	a. []	
Conveying Pa	mark is dedictional flattice of controlling partice attached	Execution Date Dimension Month Day Year	
Name (line 1)	Joshua T. COOK	6-14-2002	
Name (line 2)		Execution Date Month Day Year	
Name (line 1)		Nional Bay Four	
Name (line 2)	1		
Name (line 1)		Execution Date Month Day Year	
Name (line 2)			
Receiving Pa	rty(ies) Mark if additional names of receiving parties	s attached	
Enter additional F	Receiving Party(les)		
Name (line 1)		if document to be recorded is an assignment and the	
Name (line 2)		receiving party is not domiciled in the United States, an appointment	
Address (line 1)		of a domestic representative is attached. (Designation must be a separate document from	
Address (line 2)		Assignment.)	
Address (line 3)	City State/Country Zip Code		
Name (line 1)		If document to be recorded is an assignment and the receiving party is not	
Name (line 2)		domiciled in the United States, an appointment of a	
Address (line 1)		domestic representative is attached. (Designation must be a separate document from	
Address (line 2)		Assignment)	
Address (line 3)	City State/Country Zip Co	de	
Application N	umber(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 sar	ne property).	
	itent Application Number(s) Patent Number	er(s)	
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FORM PTO- Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Telephone Number	619-238-0999
Name [James W. McClain	
Address (line 1)		Brown Martin Haller & McClain	
Address (line 2)		1660 Union Street	
Address (line 3)		San Diego, CA 92101	
Address (line 4)			
Pages	Enter the total number of pagincluding any attachments.	ges of the attached conveyance document	# 7 4
Application i	Number(s) or Patent Num	ber(s) Mark if additio	nal numbers attached
		atent Number (DO NOT ENTER BOTH numbers for the	
Pate	ent Application Number(s)	Patent Nun	iber(s)
<u> </u>			
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	being filed together with a <u>new</u> Paten named executing inventor.	at Application, enter the date the patent application was	Month Day Year
Patent Coope	eration Treaty (PCT)		PCT
	PCT application number	PCT PCT	
	if a U.S. Application Number not been assigned.	PCT PCT	PCT
Number of P	roperties Enter the total	al number of properties involved. #	
Fee Amount	Fee Amount fo	or Properties Listed (37 CFR 3.41): \$	40.00
Method o		sed 🗶 Deposit Account 🗌	
(Enter for p	ayment by deposit account or if addit	ional fees can be charged to the account.) eposit Account Number:	02-4070
	A	uthorization to charge additional fees: Yes	X No
Statement ar	id Signature		
attache	d copy is a true copy of the or	ief, the foregoing information is true and co riginal document. Charges to deposit acco	orrect and any unt are authorized, as
	ed herein.	Mrs -	June 14, 2002
	nes W. McClain	Signature	Date
Name	of Person Signing	\$ignature	

PATENT REEL: 013807 FRAME: 0137

ASSIGNMENT

TO WHOM IT MAY CONCERN:

981

For the sum of One Dollar and other valuable consideration to us in hand paid, receipt of which is hereby acknowledged, be it known that we, Jeffrey J. SPIEGELMAN, a SECONDAR SECONDAR SECONDAR SECONDAR SECONDAR SECONDARY SZAก MERDEUS NEC MAR citizen of the United States, having a place of residence at 4615 Serenata Place, San Diego, California, 92130; Daniel ALVAREZ, Jr., a citizen of the United States, having a place of residence at 13242 Thunderhead Street, San Diego, California, 92129; and Joshua T. Cook, a citizen of the United States, having a place of residence at 4751

Volcus Ave #10, Encipitas 42014

Bermuda Avenue, San Diego, California, 92107, have sold, assigned and transferred and by these presents do sell, assign, transfer and set over unto Aeronex, a California corporation, having a place of business at 6975 Flanders Drive, San Diego, California, 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to METHOD FOR RAPID ACTIVATION OR PRECONDITIONING OF POROUS GAS PURIFICATION SUBSTRATES by us devised and the application for United States Patent therefor executed by us on even date herewith preparatory to filing the same in the United States Patent and Trademark Office, and all original and reissue patents granted thereof, and all divisions, continuations-in-part, and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and all foreign rights to said invention, and covenant that we have full right to do so, and agree that we will communicate to said corporation or its representatives all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent which may be granted for said invention or any part thereof unto the said

Page 1 of 4

PATENT REEL: 013807 FRAME: 0138

Corporation in Recping with this Assignment.
Done at, this day of,
State of California)
County of <u>Sun Dugo</u>) ss.
•
On Jane 14, 2002 before me, the undersigned Notary Public in and for said County and State, personally appeared Jaffry J. Specylone X personally known to me
or
proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Witness my hand and official seal.
JAMES W. MCCLAIN Commission # 1343882 Notary Public - California San Diego County My Comm. Expires Mar 17, 2006

Done at 5 an Vicago, CA this 14 th day of June 2002.
Daniel Alvarez, Jr.
State of California)
County of San Dugo) ss.
On Jame 14, 2002 before me, the undersigned Notary Public in and for said County and State, personally appeared Daniel Cloany Jr personally known to me
or
proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Witness my hand and official seal.
JAMES W. MCCLAIN Commission # 1343882 Notary Public - California San Diego County My Comm. Expires Mar 17, 2006 (Signature of Notary)

Done at San Jiego, A this 14 day of, CA
Joshua T. Cook
State of California)
County of <u>Sur Duego</u>) ss.
On
or
proved to me on the basis of satisfactory evidence to be
the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Witness my hand and official seal.
Commission # 1343882 Notary Public - California San Diego County My Comm. Expires Mar 17, 2006 (Signature of Notary)

RECORDED: 03/04/2003