FORM PTO-1595	U.S DEPARTMENT OF COMMERCE			
(Rev. 03-01)(-44) OMB NO.0651-0011 (exp. 5/31/2002)	Patent and Trademark Office			
To the Honorable Commissioner of Patents and Trademarks:	98 180 18 18 18 18 18 18 18 18 18 18 18 18 18			
1. Name of conveying party(ies):	102028266 receiving party(ies)			
Donald L. Wietzke 3.22.02	-			
Donald L. Wietzke	Name: THE BABCOCK & WILCOX COMPANY Internal Address:			
Additional name(s) of conveying				
party(ies) attached?	Street Address: 1615 Poydras Street			
3. Nature of conveyance:	City: New Orleans State: LA ZIP: 70112			
Assignment	Additional name(s) & address(es) attached? Yes No			
<pre>Security Agreement</pre>	_ res RO			
Other				
Execution Date June 28, 2001	<u> </u>			
4. Application number(s) or patent number(s):				
	er with a new application, the execution			
date of the application is:				
A. Patent Application No.(s) Serial No. 09/865,609	B. Patent No.(s)			
Case No. 6111	Pos Pos			
Additional number	ers attached? 🗌 Yes 🔯 No			
5. Name and address of party to whom	6. Total number of applications and			
correspondence concerning document	patents involved: 1			
should be mailed:				
	7. Total fee (37CFR 3.41) \$ 40.00			
Eric Marich				
The Babcock & Wilcox Company				
Patent Department 20 S. Van Buren Avenue	Authorized to be charged to deposit			
Barberton, Ohio 44203	account			
	O Barrell annual musham			
	8. Deposit account number: 50-1813			
	(Attach duplicate copy of this page if paying by			
	deposit account)			
DO NOT USE THIS SPACE SIGUX.				
O Chatananh and air-air-air-				
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.				
Buig Manigh Dec No 22 265	She Maril 21 Mars 2000 3			
Eric Marich, Req. No. 32,265 X Name of Person Signing	Signature X 21 Mark 200 Z			
name of forgon branching branching				
Total number of pages including cover sheet, attachments, and document: 8				

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT

REEL: 12692 FRAME: 0640

THIS ASSIGNMENT made the day of, 20, by DAVID J.
WALKER, residing at 185 Dawna Drive, Wadsworth, Ohio 44281; made the day of
, 20, by MIKHAIL MARYAMCHIK, residing at 2807 Summit Road, Copley,
Ohio 44321; made the day of, 20, by KIPLIN C. ALEXANDER,
residing at 476 Rolling Hills Drive, Wadsworth, Ohio 44281; made the day of
, 20, by SUNDARA M. KAVIDASS, residing at 1339 Cherrywood Way,
Uniontown, Ohio 44685; made the day of, 20, by FELIX BELIN,
residing at 625 West Fitzwater Road, Brecksville, Ohio 44141; made the day of
, 20, by DAVID E. JAMES, residing at 1430 Harden Drive, Barberton, Ohio
44203; made the day of, 20, by DAVID R. GIBBS, residing at 2745
Graham Dr. N.E., Lancaster, Ohio 43130; and made the 28 day of June , 2001, by
DONALD L. WIETZKE, residing at 7832 Quebrada Circle, Carlsbad, California 92009, all
citizens of the United States of America;

WITNESSETH: That

WHEREAS, we are the joint inventors of a certain new and useful improvement and invention in

COOLED TUBES ARRANGED TO FORM IMPACT TYPE PARTICLE SEPARATORS

for which we have prepared and filed an application for Letters Patent of the United States on May 25, 2001 having application Serial No. 09/865,609; and

WHEREAS, THE BABCOCK & WILCOX COMPANY, a Corporation organized under the laws of the state of Delaware, U.S.A., and having its principal office at New Orleans, Louisiana, U.S.A., is desirous of acquiring the entire right, title, and interest in and to said improvement and invention, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable considerations, the receipt of which is hereby acknowledged, we, DAVID J. WALKER, MIKHAIL MARYAMCHIK, SUNDARA M. KAVIDASS, KIPLIN C. ALEXANDER, FELIX BELIN, DAVID E. JAMES, DAVID R. GIBBS and DONALD L. WIETZKE, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said THE BABCOCK & WILCOX COMPANY, its successors and assigns, the entire right, title, and interest in and to the above-mentioned improvement, invention, and application for Letters Patent therefor, and in and to any and all Letters Patent of the United States which may

be hereinafter be granted therefor, and in and to any and all extensions, divisions, or reissues of said Letters Patent, the same to be held and enjoyed by said THE BABCOCK & WILCOX COMPANY, for its own use and behoof, and the use and behoof of its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

AND, for the consideration aforesaid, we hereby covenant and agree with said THE BABCOCK & WILCOX COMPANY, its successors and assigns, that at the time of the execution and delivery of these presents, we are the joint and lawful owners of the entire right, title, and interest in and to the above-mentioned improvement, invention, application, and Letters Patent above mentioned, and that the same are unencumbered, and that we have good right and lawful authority to sell and convey the same in the manner herein set forth;

AND, for the consideration aforesaid, we hereby covenant and agree with said THE BABCOCK & WILCOX COMPANY, its successors and assigns, that we will, whenever its counsel or the counsel of its successors or assigns, learned in the law, shall advise that an amendment or division or any other proceeding in connection with said application, including interference proceedings, is lawful and desirable or that a reissue or extension of said Letters Patent is lawful and desirable, sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said improvement and invention, or for the reissue or extension of same, without charge to said THE BABCOCK & WILCOX COMPANY, or its successors or assigns, but at its or their expense.

We hereby request the Honorable Commissioner of Patents and Trademarks of the United States to issue the Letters Patent in accordance with this instrument.

AND, for the consideration aforesaid, we have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said THE BABCOCK & WILCOX COMPANY, its successors, assigns, or nominees, the entire right, title, and interest in and to any and all Letters Patent or other form of protection which may be granted in countries foreign to the United States, and in and to any and all applications for Letters Patent or other form of protection which may be filed for said improvement and invention in countries foreign to the United States, and in and to the invention described in said applications; and we hereby authorize and empower said THE BABCOCK & WILCOX COMPANY, its successors, assigns, or nominees, to apply for Letters Patent, or other form of protection, on said improvement and invention, in its own name or in the name of its successors, assigns, or nominees, in any and all

countries where it may desire to file such applications and where such applications may be filed by another other than the inventors; and we hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for the procurement of valid Letters Patent, or other form of protection, for said improvement and invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in said THE BABCOCK & WILCOX COMPANY, its successors, assigns, or nominees, without charge to said THE BABCOCK & WILCOX COMPANY, its successors, assigns, or nominees, but at its or their expense.

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the day and year first above written.

DAVID J. WALKER	
WITNESSES:	
STATE OF)	
COUNTY OF) ss.	
On this, theday of, 20, bet J. WALKER, to me known and known to me to be the personage foregoing instrument; and they acknowledged to me that I therein stated.	on described in and who executed the
	SEAL
MIKHAIL MARYAMCHIK	
WITNESSES:	
OTATE OF	
STATE OF) ss.	
COUNTY OF)	

CASE 6111

On this, the day of, 20, before m MIKHAIL MARYAMCHIK, to me known and known to me to be the p who executed the foregoing instrument; and he acknowledged to me that for the purpose therein stated.	e personally appeared person described in and it he executed the same
	SEAL
KIPLIN C. ALEXANDER	
WITNESSES:	
STATE OF)	
COUNTY OF) ss.	
On this, theday of, 20, before me personal C. ALEXANDER, to me known and known to me to be the person dexecuted the foregoing instrument; and they acknowledged to me that he extension that the purpose therein stated.	Ily appeared KIPLIN escribed in and who executed the same for
	SEAL
SUNDARA M. KAVIDASS	
WITNESSES:	
STATE OF)	
COUNTY OF) ss.	
On this, the day of, 20, before me p SUNDARA M. KAVIDASS to me known and known to me to be the pers who executed the foregoing instrument; and he acknowledged to me that he for the purpose therein stated.	personally appeared son described in and e executed the same
	SFAI

CASE 6111

FELIX BELIN	
WITNESSES:	
STATE OF) ss. COUNTY OF)	
COUNTY OF	
On this, the day of, 20 BELIN, to me known and known to me to be the per foregoing instrument; and he acknowledged to me that therein stated.	son described in and who executed the
	SEAL
DAVID E. JAMES	
WITNESSES:	
STATE OF)	
) ss. COUNTY OF)	
On this, the day of, 20, E. JAMES, to me known and known to me to be the perforegoing instrument; and he acknowledged to me the	erson described in and who executed the
therein stated.	SEAL
DAVID R. GIBBS	
WITNESSES:	
CTATE OF	
STATE OF) ss.	
COUNTY OF)	DATENT

REEL: 12692 FRAME: 0645

RECORDED: 03/22/2002

CASE ott.

On this, the day of R. GIBBS, to me known and known to me to foregoing instrument; and he acknowledged therein stated.	to be the person described in and wh	no executed the
		SEAL.
Donald Z. With		
WIFNESSES:	People's Républic of China)	*# <u></u>
STATE OF) ss.		88:
On this, the 28 day of Jun DONALD L. WIETZKE, to me known and executed the foregoing instrument; and he ac purpose therein stated.	known to me to be the person descri	bed in and who

MIS Amazonade.