

RECORDATION FORM COVER SHEET
U.S. PATENTS

CONTINUATION OF ITEM 4

PATENT NO. (S)

4,223,640	5,730,087
4,388,691	5,526,938
4,289,514	5,582,212
4,438,600	5,513,701
4,418,742	5,520,897
4,455,835	5,509,609
4,832,539	5,514,219
4,526,137	5,570,969
4,615,477	5,570,660
4,648,890	5,572,957
4,759,314	5,555,851
4,705,098	5,584,264
4,545,766	5,603,909
4,823,861	5,669,333
4,895,108	5,623,763
4,770,128	5,596,149
4,911,107	5,605,103
4,942,673	5,676,716
4,887,431	5,692,457
4,925,633	5,657,704
4,982,703	5,672,323
4,980,120	5,701,711
4,992,085	5,667,154
4,441,550	5,735,341
5,170,672	5,676,193
5,092,278	
5,077,456	
5,198,635	
5,194,217	
5,305,574	
5,176,110	
5,201,282	
5,315,941	
5,595,713	
5,209,188	
5,308,509	
5,359,823	
5,370,239	
5,500,196	
5,363,812	
5,411,043	
5,501,389	
5,393,176	
5,535,768	
5,392,626	
5,618,499	

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RECORDATION FORM COVER SHEET
U.S. PATENTS
CONTINUATION OF ITEM 4

PATENT APPLICATION NO. (S)

08/326,416
08/124,324
08/389,465
08/452,442
08/600,618
08/530,798
08/664,755
08/704,049
08/742,327

Schedule A
Patents

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
4171	9/23/80	12/21/78	4223640	971965
<i>REFUSE WITHOUT SUPPLEMENTAL FUEL FIRING</i>				
4307	6/14/83	1/23/81	4388691	227864
<i>VELOCITY PRESSURE AVERAGING SYSTEM</i>				
4345	9/15/81	6/25/80	4289514	162717
<i>STACKED RE-ENTRANT ARM VAPOR- LIQUID SEPARATOR</i>				
4368	3/2/84	9/14/81	4438600	301788
<i>GRINDING WELDING AND CUTTING APPARATUS</i>				
4443	12/6/83	6/7/82	4418742	386169
<i>ROTOR CONSTRUCTION FOR ROTARY REGENERATIVE AIR HEATER</i>				
4523	6/26/84	11/12/82	4455835	458675
<i>THERMAL ENERGY STORAGE AND RECOVERY APPARATUS AND METHOD FORA FOSSIL FUEL-FIRED VAPOR GENERATOR</i>				
4535	5/23/89	4/20/83	4832539	486613
<i>DISTRIBUTION OF GAS ENTRAINED PARTICLES</i>				
4625	7/2/85	3/5/84	4526137	586528
<i>THERMAL SLEEVE FOR SUPER- HEATED NOZZLE TO HEADER CONNECTION</i>				
4642	10/7/86	4/27/84	4615477	604281
<i>METHOD FOR REPLACING TUBES IN A HEADER OR DRUM</i>				
4652	3/10/87	2/27/85	4648890	706380
<i>COMBINATION DOWNFLOW UPFLOW VAPOR-LIQUID SEPARATOR</i>				
4723	7/26/88	12/14/87	4759314	132100
<i>METHOD OF CONTROL OF STEAM</i>				

Schedule B
Applications

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
5319		10/20/94		08/326416
	<i>REDUCED HEIGHT INTERNAL IMPACT TYPE PARTICLE SEPARATOR</i>			
5320		9/20/93		08/124324
	<i>BIOREGENERATIVE FLUE GAS DESULFURIZATION PROCESS</i>			
5553		2/16/95		08/389465
	<i>AN IMPROVED STRAIN RELIEF MAINSHAFT ASSEMBLY</i>			
5659		5/26/95		08/452442
	<i>TUBE EXTRACTOR</i>			
5683		2/13/96		08/600618
	<i>STEAM GENERATOR PARALLEL BACK END USING PENDANT PRIMARY SUPERHEATER AND BAFFLE WALL WITH GAS TIGHT HEADER VESTIBULE</i>			
5717		9/20/95		08/530798
	<i>ABRASION/EROSION RESISTANT WEAR ALLOY</i>			
5798		6/17/96		08/664755
	<i>DRAINABLE DISCHARGE PAN FOR IMPACT TYPE PARTICLE SEPARATOR</i>			
5853		8/28/96		08/704049
	<i>SELECTIVE CATALYTIC REDUCTION REACTOR INTEGRATED WITH CONDE NSING HEAT EXCHANGER FOR MULTIPLE POLLUTANT CAPTURE/REMOVAL</i>			
5876		11/1/96		08/742327
	<i>AN IMPROVED STRAIN RELIEF MAINSHAFT ASSEMBLY</i>			

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
4784	11/10/87	5/2/86	4705098	859278
	<i>LABYRINTH ARTICULATION JOINT FOR REGENERATIVE AIR HEATER SEAL FRAME</i>			
4785	10/8/85	9/21/83	4545766	534322
	<i>TRAINING DEVICE FOR NUCLEAR POWER PLANT</i>			
4812	4/25/89	9/6/88	4823861	241162
	<i>FIRE DETECTION DEVICE FOR REGENERATIVE AIR HEATER</i>			
4850	1/23/90	6/22/88	4895108	209830
	<i>IMPROVED CVD APPARATUS AND PROCESS FOR PREPARATION OF FIBER-REINFORCED CERAMIC COMPOSITES</i>			
4885	9/13/88	4/5/88	4770128	177740
	<i>HEAT EXCHANGER SUPPORT</i>			
4888	3/27/90	6/9/89	4911107	363753
	<i>STANDBY COOLING SYSTEM FOR A FLUIDIZED BED BOILER</i>			
4920	7/24/90	8/18/88	4942673	233391
	<i>SINTERING PREVENTION IN STAGNANT ZONE OF FLUID BED BOILERS</i>			
4965	12/19/89	4/5/89	4887431	333482
	<i>SUPERHEATER OUTLET STEAM TEMPERATURE CONTROL</i>			
4974	5/15/90	3/10/89	4925633	322312
	<i>COMBINED CATALYTIC BAGHOUSE AND HEAT PIPE AIR HEATER</i>			
5029	1/8/91	10/17/89	4982703	422853
	<i>UPFLOW/DOWNFLOW HEATED TUBE CIRCULATION SYSTEM</i>			
5038	12/25/90	12/12/89	4980120	450116
	<i>ARTICULATED SLUDGE LANCE</i>			
5039	2/12/91	1/8/90	4992085	461707
	<i>INTERNAL IMPACT TYPE PARTICLE SEPARATOR</i>			

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
5074	4/10/84	1/14/83	4441550	457978
	<i>CROSS-OVER BUNDLE FOR HEAT EXCHANGER</i>			
5096	12/15/92	8/17/90	5170672	569315
	<i>FLUID VELOCITY MEASUREMENT DEVICE FOR A GENERATING BANK TUBE</i>			
5098	3/3/92	8/31/90	5092278	576305
	<i>NON-WELDED ATTACHMENT TUBE SUPPORT LUG CASTING</i>			
5104	12/31/91	10/15/90	5077456	597962
	<i>METAL DISINTEGRATOR TUBE CUTTER</i>			
5136	3/30/93	6/17/91	5198635	715956
	<i>PLASMA ARC WELDING ADAPTED TO ID ELLIPSOID PROCESS</i>			
5181	3/16/93	1/10/92	5194217	819249
	<i>ARTICULATED SLUDGE LANCE WITH A MOVEABLE EXTENSION NOZZLE</i>			
5184	4/26/94	10/30/91	5305574	784860
	<i>METHOD FOR ERECTION OF ABSORBER TOWERS USING JACKING SYSTEM</i>			
5187	1/5/93	10/29/91	5176110	784111
	<i>UPFLOW/DOWNFLOW HEATED TUBE CIRCULATING SYSTEM</i>			
5188	4/13/93	10/29/91	5201282	785147
	<i>UPFLOW/DOWNFLOW HEATED TUBE CIRCULATING SYSTEM</i>			
5209	5/31/94	6/7/93	5315941	072257
	<i>METHOD AND APPARATUS FOR INJECTING NOX INHIBITING REAGENT INTO THE FLUE GAS OF A BOILER</i>			
5220	1/21/97	9/8/94	5595713	303311
	<i>HYDROGEN PEROXIDE FOR FLUE GAS DESULFURIZATION</i>			
5242	5/11/93	6/1/92	5209188	891096
	<i>FLUID BED COMBUSTION REHEAT STEAM TEMPERATURE CONTROL</i>			

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
5324	5/3/94	3/8/93	5308509	028895
	<i>FGD PERFORMANCE ENHANCEMENT BY HYDROCLONE AND RECYCLING STEPS</i>			
5343	11/1/94	4/2/93	5359823	042328
	<i>GAS LANE BARRIERS BETWEEN MODULES OF HEAT RECOVERY STEAM GENERATORS</i>			
5344	12/6/94	4/7/93	5370239	044992
	<i>INTEGRAL SHIPPING TRUSS ASSEMBLY FOR HEAT RECOVERY STEAM GENERATOR MODULES</i>			
5352	3/19/96	8/16/93	5500196	107387
	<i>METHOD OF REAGENT AND OXIDATION AIR DELIVERY</i>			
5367	11/15/94	2/18/94	5363812	198694
	<i>METHOD AND APPARATUS FOR CONTROLLING THE BED TEMPERATURE IN A CIRCULATING FLUIDIZED BED REACTOR</i>			
5388	5/2/95	9/24/93	5411043	126453
	<i>ARTICULATED ANNULAR SLUDGE LANCE</i>			
5412	3/26/96	2/14/94	5501389	194953
	<i>TITANIUM TUBE SEAL WELDING HEAD ENCLOSURE</i>			
5415	2/28/95	1/26/94	5393176	188530
	<i>TUBE BEVELLING MACHINE WITH ADJUSTABLE BEVELLING HEAD</i>			
5426	7/16/96	3/10/94	5535768	209022
	<i>METHOD AND APPARATUS FOR REDUCING DAMPER OPERATING PRESSURE</i>			
5445	2/28/95	3/16/94	5392626	214342
	<i>FLEXIBLE HYDRAULIC EXPANSION MANDREL</i>			
5540	4/8/97	1/20/95	5618499	375884
	<i>CATALYST OUTAGE PROTECTION SYSTEM</i>			

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
5545	3/9/98	5/4/95	5730087	08/434625
	<i>TUBE ENCLOSURE AND FLOOR SUPPORT ROUTING FOR ONCE-THROUGH STEAM GENERATOR</i>			
5554	6/18/96	10/7/94	5526938	320077
	<i>VERTICAL ARRANGEMENT FLUIDIZED/NON-FLUIDIZED BED CLASSIFIER COOLER</i>			
5564	12/10/96	11/8/94	5582212	336350
	<i>CONTINUOUSLY SLITTED ROLL-ON TUBE SHIELD</i>			
5565	5/7/96	1/6/95	5513701	369626
	<i>TUBE ALIGNMENT STRAP</i>			
5580	5/28/96	12/19/94	5520897	359147
	<i>METHOD OF REAGENT AND OXIDATION AIR DELIVERY</i>			
5590	4/23/96	11/8/94	5509609	335922
	<i>SLUDGE LANCE NOZZLE</i>			
5606	5/7/96	12/12/94	5514219	354394
	<i>ARTICULATED ANNULAR SLUDGE LANCE</i>			
5614	11/5/96	3/2/95	5570969	398202
	<i>COMPOSITE WATERLANCE AND CAVITY CONNECTION</i>			
5620	11/5/96	2/23/95	5570660	392651
	<i>AUTOMATED SLUDGE LANCE</i>			
5621	11/12/96	2/23/95	5572957	392652
	<i>AUTOMATED SLUDGE LANCE</i>			
5648	9/17/96	4/3/95	5555851	416590
	<i>AUTOMATED SLUDGE LANCE</i>			
5660	12/17/96	11/9/95	5584264	556444
	<i>METHOD AND APPARATUS FOR SMELT SPOUT CASTING INSTALLATION</i>			

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
5667	2/18/97	8/3/95	5603909	510807
	<i>SELECTIVE CATALYTIC REDUCTION REACTOR INTEGRATED WITH CONDENSING HEAT EXCHANGER FOR MULTIPLE POLLUTANT CAPTURE/REMOVAL</i>			
5682	9/23/97	2/13/96	5669333	600616
	<i>ONCE-THROUGH STEAM GENERATOR FURNACE OUTLET FLUID MIX TO MINIMIZE THE NUMBER OF HEADERS AND RISER MATERIALS</i>			
5689	4/29/97	8/18/95	5623763	509906
	<i>PRIMARY DIVIDER PLATE DESIGN</i>			
5703	1/21/97	10/23/95	5596149	547007
	<i>PRESSURE MEASUREMENT TAP FOR A PRESSURIZED FLUIDIZED BED</i>			
5706	2/25/97	9/11/95	5605103	526292
	<i>INTERNAL PITCH IMPELLER</i>			
5716	10/14/97	10/30/95	5676716	550438
	<i>APPARATUS AND METHOD TO MIX A TANK AND IMPROVE AIR/LIQUID CONTACT IN OXIDIZED SYSTEMS</i>			
5726	1/11/96	1/11/96	5692457	08/585220
	<i>ENERGY ABSORBING TUBE SUPPORT FOR FURNACE</i>			
5740	8/19/97	1/23/96	5657704	589986
	<i>CONTINUOUS HIGH PRESSURE SOLIDS PUMP SYSTEM</i>			
5795	9/30/97	4/22/96	5672323	635532
	<i>ACTIVATED CARBON FLUE GAS DESULFURIZATION SYSTEMS FOR MERCURY REMOVAL</i>			
5809	12/30/97	7/22/96	5701711	681188
	<i>HANGER ASSEMBLY FOR LAGGING PANEL</i>			
5824	9/16/97	7/16/96	5667154	683010
	<i>CAST ABRASION RESISTANT HOLLOW BALLS</i>			

CASE NO	ISSUE DATE	FILE DATE	PATENT NO	SERIAL NO
5881	4/7/98	11/15/96	5735341	08/749590
	<i>PRIMARY DIVIDER PLATE</i>			
5883	10/14/97	11/27/96	5676193	757990
	<i>CAST ABRASION RESISTANT HOLLOW BALLS</i>			

UNITED STATES

PATENT ASSIGNMENT

NUNC PRO TUNC

WHEREAS, The Babcock & Wilcox Company, a corporation organized and existing under the laws of the State of Delaware, with offices at 1450 Poydras Street, New Orleans, Louisiana 70112 (hereinafter referred to as "Assignor") is the sole owner, by assignment or otherwise of the Letters Patent, applications for Letters Patent and the inventions covered thereby, as set forth in Schedules "A" and "B" (hereinafter referred to as "Assigned Letters Patent") attached hereto;

AND WHEREAS, said Assignor, has assigned certain of its business and assets including the entire right, title, and interest in and to said Assigned Letters Patent to McDermott Technology, Inc., a corporation organized and existing under the laws of the State of Delaware with offices at 1450 Poydras Street, New Orleans, Louisiana 70112 (hereinafter referred to as "Assignee"), effective on June 30, 1997, in exchange for various good and legal consideration, but without formal written assignment of the Assigned Letters Patent.

NOW THEREFORE, the Assignor cognizant of the Assigned Letters Patent business transaction, hereby executes this nunc pro tunc assignment in order to clarify ownership of the Assigned Letters Patent and to confirm that the Assignor does hereby sell, assign, transfer and convey to the Assignee, its successors and assigns or their representatives (a) the entire right, title, and interest of the Assignor in and to said Assigned Letters Patent, and (b) all rights, interests, claims, demands, recoverable in law or in equity, that the Assignor has or may have in profits and damages for past and future infringements of the Assigned Letters Patent, including, without limitation, the right to compromise, sue for and collect said profits and damages; the same to be held and enjoyed by the Assignee, its successors and assigns or their legal representatives as fully

and entirely as the same might or could have been held and enjoyed by the Assignor had this Agreement not been made.

IN WITNESS WHEREOF, the Assignor has caused this assignment to be duly executed this 18th day of June 1998.

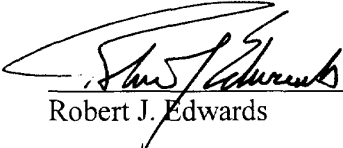
(CORPORATE SEAL)

THE BABCOCK & WILCOX COMPANY

by: 

Robert E. Stump
Assistant Secretary

Witness:


Robert J. Edwards