

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Release of Security Interest in Patent Collateral
CONVEYING PARTY DATA	
Name	Execution Date
Morgan Stanley & Co., Incorporated	10/13/2006
RECEIVING PARTY DATA	
Name:	Foster Wheeler Energy Corporation
Street Address:	Perryville Corporate Park
City:	Clinton
State/Country:	NEW JERSEY
Postal Code:	08809-4000
Name:	Foster Wheeler USA Corporation
Street Address:	Perryville Corporate Park
City:	Clinton
State/Country:	NEW JERSEY
Postal Code:	08809-4000
Name:	Foster Wheeler Development Corporation
Street Address:	Perryville Corporate Park
City:	Clinton
State/Country:	NEW JERSEY
Postal Code:	08809-4000
Name:	Foster Wheeler LLC
Street Address:	Perryville Coprorate Park
City:	Clinton
State/Country:	NEW JERSEY
Postal Code:	08809-4000
Name:	Foster Wheeler North America Corporation
Street Address:	Perryville Corporate Park

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City:	Clinton
State/Country:	NEW JERSEY
Postal Code:	08809-4000

PROPERTY NUMBERS Total: 157

Property Type	Number
Patent Number:	4597774
Patent Number:	4598670
Patent Number:	4604972
Patent Number:	4606209
Patent Number:	4607690
Patent Number:	4615715
Patent Number:	4621724
Patent Number:	4634500
Patent Number:	4636334
Patent Number:	4638765
Patent Number:	4641774
Patent Number:	4654943
Patent Number:	4665864
Patent Number:	4682567
Patent Number:	4685205
Patent Number:	4686027
Patent Number:	4695444
Patent Number:	4712938
Patent Number:	4713098
Patent Number:	4717082
Patent Number:	4726109
Patent Number:	4773339
Patent Number:	4780298
Patent Number:	4782096
Patent Number:	4784069
Patent Number:	4796543
Patent Number:	4796690
Patent Number:	4798321
Patent Number:	4798928

Patent Number:	4802445
Patent Number:	4809623
Patent Number:	4809625
Patent Number:	4829912
Patent Number:	4888130
Patent Number:	4896717
Patent Number:	4904286
Patent Number:	4915061
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Patent Number:	4936770
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Patent Number:	6244330
Patent Number:	6245300
Patent Number:	6260491
Patent Number:	6305330
Patent Number:	6430914
Patent Number:	6475267
Patent Number:	6607079
Patent Number:	6652714
Patent Number:	6675747
Patent Number:	6751852
Patent Number:	6793013
Patent Number:	6960329
Patent Number:	6979430
Application Number:	10160523

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Kristin J. Azcona

Total Attachments: 8

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**RELEASE OF SECURITY INTEREST IN
PATENT COLLATERAL**

This RELEASE, dated as of Oct. 13th, 2006, is made by Morgan Stanley & Co., Incorporated, as Collateral Agent ("MS"), in favor of Foster Wheeler Energy Corporation, Foster Wheeler USA Corporation, Foster Wheeler Development Corporation, Foster Wheeler LLC, and Foster Wheeler North America Corporation ("FW") as follows:

WITNESSETH

WHEREAS, pursuant to the Security Agreement, dated March 24, 2005 ("Security Interest"), and recorded with The United States Patent and Trademark Office on April 13, 2005 at Reel/Frame No. 015896/0119, FW granted MS a security interest in its patents and all applications therefor, technology and know-how, and all licenses, royalties and other monies relating thereto (the "Patent Collateral");

WHEREAS, FW has requested that MS release its security interest in all right, title and interest of MS in and to the patents and all applications therefor, technology and know-how, and all licenses, royalties and other monies relating thereto, set forth in Schedule A.

NOW, THEREFORE, MS, without recourse, representation or warranty and at FW's sole cost and expense, hereby RELEASES all of its right, title and interest in and to the security interests granted to MS pursuant to the Security Agreement in each of the patents set forth in Schedule A, attached hereto and incorporated herein by reference and the registrations of and applications for said patents.

MS agrees to provide MS with any information and additional authorization necessary to effect the release of MS's security interest in the Patent Collateral.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, MS has caed this Release to be duly executed and delivered by its duly authorized officer as of the date first written above.

Morgan Stanley & Co., Incorporated,
as Collateral Agent

By: [Signature]

Name: Don Allen

Title: Managing Director

CERTIFICATION OF ACKNOWLEDGMENT

STATE OF NEW YORK)
COUNTY OF NEW YORK) ss:

Before me, the undersigned, a Notary Public in and for the county aforesaid, on this ____ day of _____, 2006, personally appeared _____ who, being by me duly sworn, deposes and says that he/she is the _____ of Morgan Stanley & Co., Incorporated, and that he/she, as such officer being duly authorized so to do, executed the foregoing instrument for the purposes therein contained as his/her free act and deed and as the full act and deed of such corporation as such officer.

M. Sharmini Mahendran
Notary Public, State of New York
No. 02MA6107262

Qualified in New York County
Commission Expires: 3/27/08

[Signature]
Notary Public

My Commission Expires:

**SCHEDULE A
TO
RELEASE OF SECURITY INTEREST
IN PATENT COLLATERAL**

Reel/Frame No. 015896/0119

Title	Issue Date	Patent No.
Method for improving the operation of a fluidized bed	7/1/1986	4597774
Solid fuel feed system for a boiler	7/8/1986	4598670
Seal assembly for a vapor generator	8/12/1986	4604972
Disc roller mechanism for forming helical shapes	8/19/1986	4606209
Tube and support system for a heat exchanger	8/26/1986	4607690
Water-cooled cyclone separator	10/7/1986	4615715
Fractionator having reduced product vapor condensation in the flash zone	11/11/1986	4621724
Method of quenching heated coke to limit coke drum stress	1/06/1987	4634500
Production of ammonia synthesis gas	1/13/1987	4636334
Heat recovery system	1/27/1987	4638765
Fixture for explosively welding a tube to a tubesheet	2/10/1987	4641774
Tube positioning tool and method for use	4/7/1987	4654943
Steam generator and methods of operating a steam generator utilizing separate fluid and combined gas flow circuits	5/19/1987	4665864
Fluidized bed steam generator and method of generating steam and including a separate recycle bed	7/28/1987	4682567
Apparatus for forming an explosively expanded tube-tube sheet joint including a barrier tube	8/11/1987	4685205
Asphalt coking method	8/11/1987	4686027
Method of manufacturing sulphur from SO ₂ containing gases	9/22/1987	4695444
Expansion seal assembly	12/15/1987	4712938
Tandem curved arm steam-water separator	12/15/1987	4713098
Fixed roller pulverizing mill	1/5/1988	4717082
Unheading device and method for coking drums	2/23/1988	4726109
Process for removing nitrous oxides from a gas	9/27/1988	4773339
Ammonia synthesis	10/25/1988	4780298
Process for the production of synthesis gas	11/1/1988	4782096
Chemical process fired heaters, furnaces or boilers	11/15/1988	4784069
Closure assembly for a furnace	1/10/1989	4796543
Support system for heat exchange tube	1/10/1989	4796690
Panelizing machine and method for use	1/17/1989	4798321
Apparatus for tack welding a tube to a tubesheet	1/17/1989	4798928
Parallel staged fluidized bed combustor	2/7/1989	4802445
Fluidized bed reactor and method of operating same	3/7/1989	4809623
Method of operating a fluidized bed reactor	3/7/1989	4809625
Method for controlling the particulate size distributions of the solids inventory in a circulating fluidized bed reactor	5/16/1989	4829912
Process for the production of synthesis gas	12/19/1989	4888130

Fluidized bed reactor having an integrated recycle heat exchanger	1/30/1990	4896717
Cyclone separator having water-steam cooled walls	2/27/1990	4904286
Fluidized bed reactor utilizing channel separators	4/10/1990	4915061
Fluidized bed steam generating system including a steam cooled cyclone separator	5/1/1990	4920924
Method for extended conditioning of delayed coke	5/29/1990	4929339
Sulfur sorbent feed system for a fluidized bed reactor	6/26/1990	4936770
Cyclone separator including a hopper formed by water-steam cooled walls	7/31/1990	4944250
Fluidized bed steam generation system and method having an external heat exchanger	8/14/1990	4947804
Method for driving a gas turbine utilizing a hexagonal pressurized fluidized bed reactor	9/11/1990	4955190
Fired heater	9/11/1990	4955323
Bottom-unheading device and method for vertical vessels	10/2/1990	4960358
Cyclone separator wall refractory material system	10/9/1990	4961761
Trunnion bearing dt seal	10/30/1990	4966471
Sludge dewatering and destruction within a delayed coking process	11/6/1990	4968407
Flexible acotic baffle for staggered tube banks	1/1/1991	4981169
Oil recovery process and apparat for oil refinery waste	2/19/1991	4994169
Process for producing a methane-containing fuel gas	3/12/1991	4999030
Sealing assembly for a ball mill pulverizer	3/19/1991	5000462
Modular heat recovery steam generator having parallel offset headers	4/9/1991	5005529
Rotatable welding fixture and method for metal cladding tubular membrane panels	5/14/1991	5014901
Pulverizer having rotatable table with replaceable air port segments	6/4/1991	5020734
Fluidized bed combtion system and method having a recycle heat exchanger with a non-mechanical solids control system	8/20/1991	5040492
Catalytic denitrification control process and system for combtion flue gases	9/10/1991	5047220
Fluidized bed combtion system and method having an integral recycle heat exchanger with a transverse outlet chamber	12/3/1991	5069171
Method of making, and welding fixture for, water-steam cooled cyclone roof assembly	12/10/1991	5071057
Furnace temperature control method for a fluidized bed combtion system	12/17/1991	5072696
Steam generating system utilizing separate fluid flow circuitry between the furnace section and the separating section	3/10/1992	5094191
Fluidized bed reactor and method for operating same utilizing an improved particle removal system	3/17/1992	5095854
Multiple adjtment cyclone burner	4/28/1992	5107776
Fluidized bed combtion system and method having a	7/28/1992	5133943

multicompartiment external recycle heat exchanger		
Front end fixture and method for stud welding gun	8/11/1992	5138128
Fluidized bed combustion system and method having an integral recycle heat exchanger with recycle rate control and backflow sealing	8/25/1992	5140950
Fluidized bed combustion system and method having an integrated recycle heat exchanger	8/25/1992	5141708
Circulating fluid bed reactor	12/1/1992	5167932
Fluidized bed combustion system and method having multiple furnace sections	1/26/1993	5181481
Fluidized bed heat exchanger and method of operating same	2/9/1993	5184671
Fluidized bed combustion system utilizing improved connection between the reactor and separator	4/20/1993	5203284
System and method for feeding paste material or slurry into a furnace	6/1/1993	5215017
Fluidized bed reactor utilizing a baffle system and method of operating same	6/15/1993	5218932
Water-cooled cyclone separator	7/13/1993	5226936
System and method for two-stage combustion in a fluidized bed reactor	8/24/1993	5237963
Solids recycle seal system for a fluidized bed reactor	9/7/1993	5242662
Heat exchanger unit for heat recovery steam generator	9/28/1993	5247991
Fluidized bed reactor system and method of operating same	12/14/1993	5269263
Uni-directional anti-backsifting fluidization nozzle and a fluidized bed system utilizing same	2/15/1994	5286188
Using flue gas energy to vaporize aqueous reducing agent for reduction of NO _x in flue gas	3/22/1994	5296206
Fluidized bed combustion system and method having multiple furnace and recycle sections	4/5/1994	5299532
Fluid-cooled jacket for an air-swept distributor	5/24/1994	5314008
Process for decreasing N ₂ O emissions from a fluidized bed reactor	7/5/1994	5325796
Fluidized bed steam generation system and method of using recycled flue gases to assist in passing loop-seal solids	8/23/1994	5339774
Rotary throat cutoff device and method for reducing centrifugal fan noise	8/23/1994	5340275
Split stream burner assembly	9/20/1994	5347937
Fluidized bed combustion method utilizing fine and coarse sorbent feed	9/20/1994	5347953
Method for determining the mass flow rate of solids in a cyclone separator for a fluidized bed reactor	10/18/1994	5355725
Expansion seal assembly	11/22/1994	5366255
Fluidized bed system and a fluidization and cooling nozzle for use therein	12/13/1994	5372791
Combined-cycle power generation system using a coal-fired gasifier	12/27/1994	5375408
Fluidized bed combustion system and process for operating same	2/28/1995	5392736

Fluidized bed reactor and method utilizing refe derived fuel	3/7/1995	5395596
Split stream burner assembly	4/25/1995	5408943
Closure device for upper head of coking drums	5/23/1995	5417811
Circulating fluidized bed reactor for low grade fuels	6/20/1995	5425331
Secondary air distribution system for a furnace	8/15/1995	5441000
Fluidized bed reactor and method utilizing refe derived fuel	8/22/1995	5443022
System for decreasing NO.sub.x emissions from a fluidized bed reactor	10/31/1995	5462718
Fluidized bed combtion system and method having a multicompartment variable duty recycle heat exchanger	11/7/1995	5463968
Pressurized circulating fluidized bed reactor combined cycle power generation system	11/28/1995	5469698
Method and apparat for generating electrical energy utilizing a boiler and a gas turbine powered by a carbonizer	11/28/1995	5469699
Vibration of systems comprised of hot and cold components	2/6/1996	5489202
Method for reducing gaseo emission of halogen compounds in a fluidized bed reactor	3/19/1996	5500195
Pressurized fluidized bed combtion system and method with integral recycle heat exchanger	7/23/1996	5537941
Single impact rapping hammer system and method for cleaning tube units	7/30/1996	5540275
Method of decreasing NO.sub.x emissions from a fluidized bed reactor	9/10/1996	5553557
Rappable steam generator tube bank	9/10/1996	5553571
Continuo vertical-to-angular tube transitions	10/1/1996	5560322
System for cooling and cleaning synthesized gas ing ahot gravel bed	10/22/1996	5567228
Fluidized bed system and method of operating same utilizing an external heat exchanger	11/5/1996	5570645
Anti-vibration spacers ed in tubular type heat exchangers	11/5/1996	5570739
Process and apparat for supercritical water oxidation	11/5/1996	5571423
Internal platelet heat source and method of e in a supercritical water oxidation reactor	11/5/1996	5571424
Acotically pulsating burner with integral adjtable Sondhas thermoacotic elements	12/10/1996	5582515
Apparat for cleaning and cooling synthesized gas	1/28/1997	5597541
System for separating particulates and condensable species from a gas stream	7/8/1997	5645620
Solids pulverizer mill and process utilizing interactive air port nozzles	9/16/1997	5667149
Internal platelet heat source and method of e in a supercritical water oxidation reactor	9/23/1997	5670040
Apparat for distributing secondary air into a large scale circulating fluidized bed	10/21/1997	5678497
System for preheating fuel	10/21/1997	5678499
Fluidized bed combtion system and a pressure seal valve utilized therein	11/4/1997	5682828
Piping systems providing minimal acotically-induced	1/27/1998	5711350

structural vibrations and fatigue		
Hybrid steam generating system and method	2/3/1998	5713311
Process and apparat for supercritical water oxidation	3/3/1998	5723045
Over-fire air control system for a pulverized solid fuel furnace	3/17/1998	5727480
Fluidized bed combtion system having an improved loop seal valve	4/7/1998	5735682
Adjtable sleeve damper assembly for a coal-fired furnace	4/14/1998	5738021
Combtion system for a coal-fired furnace having an air nozzle for discharging air along the inner surface of a furnace wall	5/5/1998	5746143
Cyclone furnace combtion system and method utilizing a coal burner	6/16/1998	5765488
Cyclone separator having increased gas flow capacity	6/30/1998	5771844
Coaxial coal water paste feed system for gasification reactor	6/30/1998	5772708
Heat exchanger and a combtion system and method utilizing same	9/22/1998	5809912
Coking vessel unheading device and support structure	9/7/1999	5947674
Topping combtor for low oxygen vitiated air streams	9/14/1999	5950417
Predominantly liquid filled vapor-liquid chemical reactor	2/29/2000	6029956
Stud tensioning device for flange cover	7/11/2000	6085929
Combtion method utilizing tangential firing	9/19/2000	6120281
Burner assembly with air stabilizer vane	11/14/2000	6145450
Air nozzle for a furnace	11/21/2000	6148743
Double-fired horizontal tube heater	1/30/2001	6178926
Air nozzle for a furnace	2/27/2001	6192811
Stud tensioning device for flange cover	5/1/2001	6223925
Anti-vibration ties for tube bundles and related method	6/12/2001	6244330
Horizontal cyclone separator for a fluidized bed reactor	6/12/2001	6245300
Nozzle for feeding combtion providing medium into a furnace	7/17/2001	6260491
Circulating fluidized bed combtion system including a heat exchange chamber between a separating section and a furnace section	10/23/2001	6305330
Combined cycle power generation plant and method of operating such a plant	8/13/2002	6430914
System and method for removing gas from a stream of a mixture of gas and particulate solids	11/5/2002	6475267
System and method for controlling particle flow distribution between the outlets of a classifier	8/19/2003	6607079
Drill stem stabilizer	11/25/203	6652714
System for and method of generating steam for e in oil recovery processes	1/13/2004	6675747
Modular pressure vessel unheading and containment system	6/22/2004	6751852
Polygonal heat exchange chamber including a tapered portion lined with water tube panels and method of lining a tapered portion of a polygonal heat exchange chamber with such panels	9/21/2004	6793013

Method and apparatus for removing mercury species from hot flue gas	11/1/2005	6960329
System and method for controlling NOX emissions from boilers combusting carbonaceous fuels without using external reagent	12/27/2005	6979430
Coke drum discharge system	5/15/2003	2003089589