PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Siemens Industry, Inc.	02/21/2013

RECEIVING PARTY DATA

Name:	Siemens Energy, Inc.
Street Address:	4400 Alafaya Trail
City:	Orlando
State/Country:	FLORIDA
Postal Code:	32826

PROPERTY NUMBERS Total: 33

Property Type	Number
Patent Number:	5389264
Patent Number:	5298174
Patent Number:	5302288
Patent Number:	5240619
Patent Number:	5389259
Patent Number:	5667686
Patent Number:	5833867
Patent Number:	5641413
Patent Number:	5651897
Patent Number:	6110385
Patent Number:	6190564
Patent Number:	6800208
Patent Number:	7850822
Application Number:	12935271
Patent Number:	6337023

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Patent Number:	5376266
Patent Number:	5492622
Patent Number:	5522999
Patent Number:	5725764
Patent Number:	5942111
Patent Number:	5707530
Patent Number:	5997737
Patent Number:	7993588
Application Number:	13081259
Patent Number:	8114297
Patent Number:	7678268
Application Number:	12523962
Application Number:	12594234
Application Number:	12677642
Application Number:	13119497
Application Number:	13120501
Application Number:	13398918
Application Number:	13410420

CORRESPONDENCE DATA

Fax Number: 4077366440
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 4077364045
Email: luann.sweet@siemens.com
Correspondent Name: Sandra Baker
Address Line 1: Siemens Corporation
Address Line 2: 170 Wood Avenue South
Address Line 4: Iselin, NEW JERSEY 08830

ATTORNEY DOCKET NUMBER:	S-US-I-IA-WT-IOG5070
NAME OF SUBMITTER:	Luann Sweet

Total Attachments: 5
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ASSIGNMENT OF RIGHTS
Company to Company

WHEREAS, **Siemens Industry, Inc.**, a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 3333 Old Milton Parkway, Alpharetta, GA 30005, (hereafter "Assignor") and **Siemens Energy, Inc.**, a corporation organized and existing under the laws of Delaware, having its principal place of business at 4400 Alafaya Trail, Orlando, FL 32826 (hereinafter "Assignee") (individually referred to as "Party" and collectively as "Parties")

Hereby, (I)(A) acknowledge they have entered into certain agreements (hereinafter referred to as "the Agreements") which set forth certain rights, limitations and obligations regarding inventions developed by or among Parties, and/or Intellectual Property owned by one or both of the Parties and the Parties agree that the terms of the Agreements apply to any and all inventions; or

(B)(i) Agree to the extent such Agreement(s) or similar legal document(s) failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions which are disclosed in an invention disclosure and/or in the below-identified application or application already filed for Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assigns, sell and transfers to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s) which are disclosed in the application for Letters Patent or granted patent, for cases:

See attached: Schedule A – S-US-E-O-WS (US)

and in and to said application or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions or improvements;

(II) Agree that the Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all the inventions or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to the inventions or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions or improvements and for vesting title to

the inventions or improvements and all applications for patents and all patents on the inventions or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property

herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The Parties acknowledge and agree that the inventor(s) may have previously assigned its rights (including all and any priority rights) in one or more above-referenced applications for Letters Patents directly to a Party as directed by the other Party, consistent with the Agreements. Any such directed assignment shall remain in full force and effect and shall take precedence over this Assignment to the extent any conflict exists.

Siemens Industry, Inc.

Signature(s) _____

Name(s) Michael J. Wallace, Jr.

Title Associate Chief IP Counsel, Assistant Secretary, SIZ

Date 2/21/13

Siemens Energy, Inc.

Signature(s) _____

Name(s) John P. Musone

Title Assistant Secretary

Date 27 February 2013

Schedule "A" – S-US-E-O-WS (US)

	Internal file number	Application date	Application numbers	Title	Publication number	Grant date	Grant numbers
1	1993P86175 US	07.12.1993	08/089463	HYDRAULIC ENERGY DISSIPATOR FOR WET OXIDATION PROCESS		02.14.1995	5389264
2	1993P86176 US	05.07.1993	08/057931	LOW TEMPERATURE CAUSTIC SULFIDE WET OXIDATION PROCESS		03.29.1994	5298174
3	1993P86177 US	09.19.1993	08/035110	TREATMENT OF HIGHLY COLORED WASTEWATERS		04.12.1994	5302288
4	1993P86178 US	02.11.1993	08/016229	TWO-STAGE SUBCRITICAL-SUPERCRITICAL WET OXIDATION		08.31.1993	5240619
5	1994P86174 US	02.15.1994	08/196685	PREPARATION TREATMENT OF VOLATILE WASTEWATER COMPONENTS		02.14.1995	5389259
6	1995P86134 US	10.24.1995	08/547250	HYDROCYCLONE FOR LIQUID - LIQUID SEPARATION AND METHOD		09.16.1997	5667686
7	1995P86156 US	12.01.1995	08/566267	SYSTEM AND METHOD FOR BACKWASHING MULTIPLE FILTRATION VESSELS		11.10.1998	5833867
8	1995P86191 US	10.27.1995	08/548921	REMOVAL OF NITROGEN FROM WASTEWATERS		06.24.1997	5641413
9	1996P86319 US	10.28.1996	08/740174	WET OXIDATION OF HIGH STRENGTH LIQUORS WITH HIGH SOLIDS CONTENT		07.29.1997	5651897
10	1998P86190 US	06.05.1998	09/092363	SYSTEM AND METHOD FOR REMOVING VOLATILE COMPOUNDS FROM A WASTE STREAM		08.29.2000	6110385
11	1998P86192 US	10.01.1998	09/164557	TWO-STAGE SEPARATION PROCESS		02.20.2001	6190564
12	2003P86236 US	01.10.2003	10/340525	HYDROCYCLONE BUNDLE	2004-0134864	10.05.2004	6800208
13	2003P86267 US01	10.29.2004	10/977,137	SYSTEM AND METHOD OF WET OXIDATION OF A VISCOSE PROCESS STREAM	2005-0147554	12.14.2010	7850822

	Internal file number	Application date	Application numbers	Title	Publication number	Grant date	Grant numbers
14	2005P19410WOUS	04.03.2009	12/935,271	CATALYTIC WET OXIDATION SYSTEMS AND METHODS	2011-0079560		
15	2006P00978 US	09.01.2000	09/653,627	Flotation Apparatus for Clarifying Produced Water		01.08.2002	6337023
16	2006P01077 US	01.07.1994	08/179,042	Water Clarification Method and Apparatus		12.27.1994	5376266
17	2006P01078 US	12.20.1994	08/359,406	Water Clarification Apparatus		02.20.1996	5492622
18	2006P01080 US	05.18.1995	08/444,908	Water Clarification Method		06.04.1996	5522999
19	2006P01092 US	05.31.1996	08/657,672	Appartus for Clarifying Contaminated Fluids		03.10.1998	5725764
20	2006P01092 US01	01.13.1998	09/006,257	Appartus for Clarifying Contaminated Fluids		08.24.1999	5942111
21	2006P01093 US	07.10.1996	08/677,504	Method for Clarifying Contaminated Fluids		01.13.1998	5707530
22	2006P01097 US	07.31.1998	09/127,387	Portable Skid Mounted Desalination Apparatus		12.07.1999	5997737
23	2006P07671 US01	10.03.2006	11/542,675	Catalytic Wet Oxidation systems and Methods	2008-0078725	08.09.2011	7993588
24	2006P07671 US02	04.06.2011	13/081,259	Catalytic Wet Oxidation systems and Methods	2011-0210079		
25	2006P15700 US01	10.03.2006	11/542,676	Wet Oxidation of Soot	2008-0078724	02.14.2012	8114297
26	2007P00113 US	03.08.2007	11/683,888	Wastewater Treatment System	2007-0209999	03.16.2010	7678268
27	2007P01400WOUS	01.22.2008	12/523,962	Wet Air Oxidation Process Using Recycled Catalyst	2010-0126937		
28	2007P07178WOUS	04.01.2008	12/594,234	System and Methods for Liquid Separation	2010-0187186		
29	2007P19595WOUS	09.11.2008	12/677,642	Carbon Dioxide Addition to Wet Air Oxidation Feed	2010-0252500		
30	2008P18608WOUS	09.23.2009	13/119,497	WATER TREATMENT APPARATUS AND SYSTEM	2011-0163049		
31	2009P07878WOUS	09.23.2009	13/120,501	WATER TREATMENT METHODS	2011-0174746		

	Internal file number	Application date	Application numbers	Title	Publication number	Grant date	Grant numbers
32	2011P00169 US01	02.17.2012	13/398,918	H2S Conversion to Sulfur Using a Regenerated Iodine Solution	2012-0213694		
33	2011P04483 US01	03.02.2012	13/410,420	Composite Media for Water Treatment Processes and Methods of Using Same	2012-0223020		
34	2012P20775 US	08.29.2012	61/694,387	The WAR on GAC			
35	2012P22945 US	09.25.2012	61/705,209	Anaerobic Treatment for Reuse of Flow Back or Produced Waters Containing Guar Gum and Additives			
36	2012P22947 US	09.25.2012	61/705,212	Media Treatment for Reuse of Flow Back or Produced Waters Containing Guar Gum			
37	2012P25487 US	10.26.2012	61/718,774	Spent Caustic Acidification Followed by Media for COD Reduction			
38	2012P25558 US	10.26.2012	61/718,784	A Method to Reduce Heat Exchanger Scaling and Allow the Use of Less Costly MOC in WAR Units			