PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GERALD J. BRUCK	03/20/2012
PETYA M. GEORGIEVA	03/20/2012
BRANDON W. SHINN	03/05/2012

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13417401

CORRESPONDENCE DATA

Fax Number: (407)736-6440 Phone: 407-736-2808

Email: edith.beumer@siemens.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: SIEMENS CORPORATION INTELLECTUAL PROPERT

Address Line 1: 170 WOOD AVENUE SOUTH Address Line 4: ISELIN, NEW JERSEY 08830

ATTORNEY DOCKET NUMBER:	2012P01501US
NAME OF SUBMITTER:	Daniel J. Ryan

Total Attachments: 6

source=2012P01501US_AssignmentCorrection2#page1.tif

PATENT REEL: 028031 FRAME: 0863 13417401

CH \$40.00

501885437

source=2012P01501US_AssignmentCorrection2#page2.tif source=2012P01501US_AssignmentCorrection2#page3.tif source=2012P01501US_AssignmentCorrection2#page4.tif source=2012P01501US_AssignmentCorrection2#page5.tif source=2012P01501US_AssignmentCorrection2#page6.tif

PATENT REEL: 028031 FRAME: 0864

ASSIGNMENT

I. GERALD J. BRUCK, residing at 1325 Fairhaven Court, Oviedo, FL 32766, a citizen of the United States; and PETYA M. GEORGIEVA, residing at 1852 Sunningdale Court, Oviedo, FL 32765, a citizen of Bulgaria; and BRANDON W. SHINN, residing at 725 International Boulevard, #106, Houston, TX 77024, a citizen of the United States; hereinafter referred to as Assignor(s), (A) hereby acknowledge having previously assigned, sold and transferred to SIEMENS ENERGY, INC., a Corporation, organized and existing under the laws of Delaware, having its principal place of business at 4400 Alafaya Trail, Orlando, Florida 32826, (hereinafter referred to as Assignee), its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the below-identified application for United States Letters patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior assignment(s) shall govern, take precedence, and be of legal effect), or (B)(i) to the extent such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right, title and interest, in and for the United States and all foreign countries, in and to all inventions which are disclosed in the below-identified application for United States Letters patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right, title or interest; then for good and valuable consideration, Assignor(s) now and hereby assign, sell and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters patent, which has been executed by the undersigned concurrently herewith, and is entitled:

ADVANCED PASS PROGRESSION FOR BUILD-UP WELDING

Assignor(s) above acknowledgment or assignment also includes all right, title and interest in and to said application and all applications claiming priority to said application, including, without limitation, 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 said inventions; 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 said inventions;

Page 1 of 2

PATENT REEL: 028031 FRAME: 0865 Assignor(s) agree that Assignee may apply for and receive Letters Patent for said inventions in its own name or that of its designee;

Assignor(s) agree that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor(s) will carry out in good faith the intent and purpose of this Assignment; execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to Assignee, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions, and all applications for patents and all patents on inventions in said Assignee;

Assignor(s) covenant with Assignee 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.

GERALD J. BRUCK	20 March 201 DATE	2
PETYA M. GEORGIEVA	DATE	
BRANDON W. SHINN	DATE	
JOHN P. MUSONE Assistant Secretary, Siemens Energy, In	DATE c.	•

<u>ASSIGNMENT</u>

I, GERALD J. BRUCK, residing at 1325 Fairhaven Court, Oviedo, FL 32766, a citizen of the United States; and PETYA M. GEORGIEVA, residing at 1852 Sunningdale Court, Oviedo, FL 32765, a citizen of Bulgaria; and BRANDON W. SHINN, residing at 725 International Boulevard, #106, Houston, TX 77024, a citizen of the United States; hereinafter referred to as Assignor(s), (A) hereby acknowledge having previously assigned, sold and transferred to SIEMENS ENERGY, INC., a Corporation, organized and existing under the laws of Delaware, having its principal place of business at 4400 Alafaya Trail, Orlando, Florida 32826, (hereinafter referred to as Assignee), its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the below-identified application for United States Letters patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior assignment(s) shall govern, take precedence, and be of legal effect), or (B)(i) to the extent such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right, title and interest, in and for the United States and all foreign countries, in and to all inventions which are disclosed in the below-identified application for United States Letters patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right, title or interest; then for good and valuable consideration, Assignor(s) now and hereby assign, sell and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters patent, which has been executed by the undersigned concurrently herewith, and is entitled:

ADVANCED PASS PROGRESSION FOR BUILD-UP WELDING

Assignor(s) above acknowledgment or assignment also includes all right, title and interest in and to said application and all applications claiming priority to said application, including, without limitation, 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 said inventions; 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 said inventions;

Page 1 of 2

Assignor(s) agree that Assignee may apply for and receive Letters Patent for said inventions in its own name or that of its designee;

Assignor(s) agree that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor(s) will carry out in good faith the intent and purpose of this Assignment; execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to Assignee, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions, and all applications for patents and all patents on inventions in said Assignee;

Assignor(s) covenant with Assignee 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.

GERALD J. BRUCK	DATE
Herry	, 03/20/12
PETYA M. GÉORGIEVA	DATE
BRANDON W. SHINN	, DATE
JOHN P. MUSONE Assistant Secretary, Siemens Energy,	DATE Inc.

ASSIGNMENT

I, GERALD J. BRUCK, residing at 1325 Fairhaven Court, Oviedo, FL 32766, a citizen of the United States; and PETYA M. GEROGIEVA, residing at 1852 Sunningdale Court, Oviedo, FL 32765, a citizen of Bulgaria; and BRANDON W. SHINN, residing at 725 International Boulevard, #106, Houston, TX 77024, a citizen of the United States; hereinafter referred to as Assignor(s), (A) hereby acknowledge having previously assigned, sold and transferred to SIEMENS ENERGY, INC., a Corporation, organized and existing under the laws of Delaware, having its principal place of business at 4400 Alafaya Trail, Orlando, Florida 32826, (hereinafter referred to as Assignee), its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the below-identified application for United States Letters patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior assignment(s) shall govern, take precedence, and be of legal effect), or (B)(i) to the extent such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right, title and interest, in and for the United States and all foreign countries, in and to all inventions which are disclosed in the below-identified application for United States Letters patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right, title or interest; then for good and valuable consideration, Assignor(s) now and hereby assign, sell and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest, in and for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters patent, which has been executed by the undersigned concurrently herewith, and is entitled:

ADVANCED PASS PROGRESSION FOR BUILD-UP WELDING

Assignor(s) above acknowledgment or assignment also includes all right, title and interest in and to said application and all applications claiming priority to said application, including, without limitation, 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 said inventions; 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 said inventions;

Page 1 of 2

Assignor(s) agree that Assignee may apply for and receive Letters Patent for said inventions in its own name or that of its designee;

Assignor(s) agree that, at the request of the Assignee and, without charge to but at the expense of said Assignee, Assignor(s) will carry out in good faith the intent and purpose of this Assignment; execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to Assignee, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions, and all applications for patents and all patents on inventions in said Assignee;

Assignor(s) covenant with Assignee 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.

GERALD J. BRUCK	DATE
PETYA M. GEROGIEVA	,
Alast. BRANDON W. SHINN	, <u>Mur Ch 5, 20</u> 12 DATE
M/M. JOHN P. MUSONE	, Much 2012 DATE

Assistant Secretary, Siemens Energy, Inc.

Page 2 of 2