

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3809682

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JONQ-HAI CHIU	02/22/2016
HERBERT E. ANDRUS JR.	02/22/2016
CHRISTOPH HERBERT WEINGAERTNER	01/22/2016
HANS-PETER DORNIK	01/18/2016
OLAF STALLMANN	01/25/2016
RECEIVING PARTY DATA	
Name:	GENERAL ELECTRIC TECHNOLOGY GMBH
Street Address:	BROWN BOVERI STRASSE 7
City:	BADEN
State/Country:	SWITZERLAND
Postal Code:	5400
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15086821
CORRESPONDENCE DATA	
Fax Number:	(413)733-4543
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	860-285-9109
Email:	Patents-And-Trademarks@alstom.com
Correspondent Name:	ALSTOM POWER INC.
Address Line 1:	200 GREAT POND DRIVE
Address Line 2:	P.O. BOX 500
Address Line 4:	WINDSOR, CONNECTICUT 06095
ATTORNEY DOCKET NUMBER:	W14/003-0 (1020-0017)
NAME OF SUBMITTER:	KEVIN H. VANDERLEEDEN
SIGNATURE:	/KEVIN H. VANDERLEEDEN/
DATE SIGNED:	03/31/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 7

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COMBINED DECLARATION AND GLOBAL ASSIGNMENT
FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

**SYSTEM, METHOD AND APPARATUS FOR CONTROLLING THE FLOW DIRECTION,
FLOW RATE AND TEMPERATURE OF SOLIDS**

- ☐ the specification of which is attached hereto OR
- ☐ United States application or PCT international application number _____, as amended on [date] (if applicable).
(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
JONQ-HAI		CHIU	of	WEST HARTFORD	CT	US
HERBERT	E.	ANDRUS JR.	of	GRANBY	CT	US
CHRISTOPH	HERBERT	WEINGAERTNER	of	GAU-ALGESHEIM		DE

HANS-PETER		DORNIK	of	OBERRAMSTADT		DE
OLAF		STALLMANN	of	ESSENHEIM		DE

v9.18.12

hereby sell and assign to:

Name of Company: <i>General Electric Technology GmbH</i>
Entity Type (optional): <i>Limited Liability Corporation</i>
Address: <i>Brown Boveri Strasse 7, 5400 Baden, Switzerland</i>

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1

Signature: [Signature]
JONQ-HAI CHIU

Date: 02/22/2016

Witnessed by: Helen C Powers
Signature

Date: 2/22/2016

Helen C Powers
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 2/22/2016

Lowell S Mierice
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

JONQ-HAI CHIU

Date: _____

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **JONQ-HAI CHIU**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 2

Signature: Herbert E Andrus, Jr Date: 22 Feb, 2016
HERBERT E. ANDRUS, JR.

Witnessed by: Helen C Powers Date: 2/22/2016
Signature

Helen C Powers
Printed Name of Witness

Witnessed by: Lorran S Mienuec Date: 2/22/2016
Signature

Lorran S. Mienuec
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

HERBERT E. ANDRUS, JR.

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **HERBERT E. ANDRUS, JR.**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 3

Signature: *Christoph Herbert Weingaertner* Date: 22. January 2016
CHRISTOPH HERBERT WEINGAERTNER

Witnessed by: *Michael Siebenhorn* Date: 22. January 2016
Signature

Michael Siebenhorn
Printed Name of Witness

Witnessed by: *J. Bildesheim* Date: 22. January 2016
Signature

Jochen Bildesheim
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

CHRISTOPH HERBERT WEINGAERTNER

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **CHRISTOPH HERBERT WEINGAERTNER**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

INVENTOR 4

Signature: Hans-Peter Dornik
HANS-PETER DORNIK

Date: 01/18/16

Witnessed by: Marianna Giordano-Neumann Date: 20.01.2016
Signature

MARIANNA GIORDANO-NEUMANN
Printed Name of Witness

Witnessed by: A. Patri
Signature

Date: 01/20/2016

ANDREAS PATRI
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

HANS-PETER DORNIK

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **HANS-PETER DORNIK**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

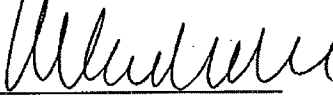
Seal

(Notary Public)

INVENTOR 5

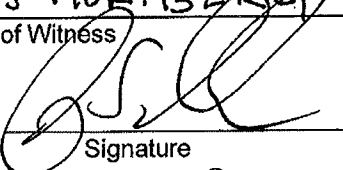
Signature: 
OLAF STALLMANN

Date: 25.2.2016

Witnessed by: 
Signature

Date: 25/01/2016

MAGNUS MÖRTZBERG
Printed Name of Witness

Witnessed by: 
Signature

Date: 25/01/2016

CHRIS SCHNEIDER
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

OLAF STALLMANN

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **OLAF STALLMANN**, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)