11/03/2015 503552325

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3598952

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAPHAËL BELLANCOURT	10/28/2015
PHILIPPE JOSSE	10/28/2015
JOËL DEVAUTOUR	10/28/2015

RECEIVING PARTY DATA

Name:	ALSTOM TECHNOLOGY LTD	
Street Address:	Idress: BROWN BOVERI STRASSE 7	
City:	BADEN	
State/Country:	SWITZERLAND	
Postal Code:	5400	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14770643

CORRESPONDENCE DATA

Fax Number: (216)579-6073

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.

Phone: 2165791700

Email: Izakelj@pearne.com

Correspondent Name: PEARNE & GORDON, LLP Address Line 1: 1801 EAST 9TH STREET

Address Line 2: **SUITE 1200**

Address Line 4: CLEVELAND, OHIO 44114

ATTORNEY DOCKET NUMBER:	BRV-54913	
NAME OF SUBMITTER:	AARON A. FISHMAN	
SIGNATURE:	/Aaron A. Fishman/	
DATE SIGNED:	11/03/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 9

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PATENT REEL: 036947 FRAME: 0626 503552325

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PATENT REEL: 036947 FRAME: 0627

DECLARATION AND ASSIGNMENT FOR US UTILITY OR DESIGN PATENT APPLICATION

Attorney Docket No.: BRV-54913

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

	2011 2011 21 ELECTIVE FOR MOH-FOWER CONVERTER
(check	only one item below)
	attached hereto,
OR	
\boxtimes	filed on August 26, 2015 as United States Application Number or PCT International
	Application Number 14/770,643

CONNECTION BAR ARCHITECTURE FOR HIGH ROWER CONVERTER

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

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

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

WHEREAS, new and useful improvements have been made by the undersigned as described in the above-identified application.

WHEREAS, <u>ALSTOM Technology Ltd</u>, having a place of business at <u>Brown Boveri Strasse 7 - CH-5400 BADEN - SWITZERLAND</u>, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all

patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be

Page 1 of 3

granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, all applications therefor, and all rights of priority resulting from the filing of said applications, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Legal Name of Inventor:	BELLANCOURT, Raphaël	
Signature of Inventor:	Elit.	
Date: October 28	2015	
Witness:	5000	Caroline TEBOUL
Witness:	Jacobano	Anna CARLESIMO

Signatures of additional inventors on attached sheet(s)

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

ILJ-P-RPA2184

Additional Inventor(s)

Legal Name of Inventor: <u>JOSSE, Philippe</u>
Signature of Inventor:
Date:
Witness:
Witness:
Legal Name of Inventor: <u>DEVAUTOUR</u> , Joël
Signature of Inventor:
Date:
Witness:
Witness:
Legal Name of Inventor:
Signature of Inventor:
Date:
Witness:

Page 3 of 3

DECLARATION AND ASSIGNMENT FOR US UTILITY OR DESIGN PATENT APPLICATION

Attorney Docket No.: BRV-54913

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

	CONNECTION BAR ARCHITECTURE FOR HIGH-POWER CONVERTER
(check	only one item below)
	attached hereto,
OR	
	filed on August 26, 2015 as United States Application Number or PCT International Application Number 14/770,643
The abo	ove-identified application was made or authorized to be made by me.
	re I am the original inventor or an original joint inventor of a claimed invention in the dentified application.
	y acknowledge that any willful false statement made in this declaration is punishable 8 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
	WHEREAS, new and useful improvements have been made by the undersigned as ed in the above-identified application.

WHEREAS, <u>ALSTOM Technology Ltd</u>, having a place of business at <u>Brown Boveri Strasse 7 - CH-5400 BADEN - SWITZERLAND</u>, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all

patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be

Page 1 of 3

granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, all applications therefor, and all rights of priority resulting from the filing of said applications, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Signature of Inventor:	
Witness:	
☐ Signatures of additional inventors	

Legal Name of Inventor: BELLANCOURT, Raphaël

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

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Additional Inventor(s)

Legal Name of Inventor: <u>JOSSE, Philippe</u>
Signature of Inventor:
October 28, 2015 Date:
Witness: Coroline TEROUL
Witness: Aum CARLESING
Anna CARLESIMO
Legal Name of Inventor: <u>DEVAUTOUR</u> , Joël
Signature of Inventor:
Date:
Witness:
Witness:
Legal Name of Inventor:
Signature of Inventor:
Date:
Witness:
Witness:

Page 3 of 3

DECLARATION AND ASSIGNMENT FOR US UTILITY OR DESIGN PATENT APPLICATION

Attorney Docket No.: BRV-54913

As a below-named inventor, I hereby declare that:

this declaration is directed to the application entitled:

CONNECTION BAR ARCHITECTURE FOR HIGH-POWER CONVERTER

	2 MARKETINE FORE FOR HIGH-FOWER CONVERTER			
(check only one item below)				
	attached hereto,			
OR				
\boxtimes	filed on August 26, 2015 as United States Application Number or PCT International Application Number 14/770,643			

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

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

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NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all

patents, patent applications, patent rights, and inventors' certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be

Page 1 of 3

granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, all applications therefor, and all rights of priority resulting from the filing of said applications, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

IN WITNESS WHEREOF, this declaration and assignment has been executed below by the undersigned:

Signature of Inventor:
Date:
Witness:
Vitness:
Signatures of additional inventors on attached sheet(s)

Legal Name of Inventor: BELLANCOURT, Raphaël

Notice to Inventor(s): A person may not execute this declaration unless that person has reviewed and understands the contents of the above-identified application, including the claims.

Notice to Inventor(s): A person may not execute this declaration unless that person is aware of the duty to disclose to the US Patent and Trademark Office all information known to the person to be material to patentability as defined in 37 CFR 1.56.

Additional Inventor(s)

Legal Name of Inventor: JOSSE, Philippe		
Signature of Inventor:		
Date:		
Witness:		
Witness:		
Legal Name of Inventor: DEVAUTOUR, Joe		
Signature of Inventor:		·
Date: October 28, 2015		
Witness:	Coroline	TEBOUL
Witness:	Caroline Gruo	
	Anna CAR	LESIMO
Legal Name of Inventor:		
Signature of Inventor:		
Date:		
Witness:		
Witness:		

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