503022647 10/17/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3069248

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALSTOM GRID SAS	10/16/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12598651

CORRESPONDENCE DATA

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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.

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Correspondent Name: PATENT PORTFOLIO BUILDERS, PLLC

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ATTORNEY DOCKET NUMBER: 0325-008 NAME OF SUBMITTER: STEVEN M. DUBOIS SIGNATURE: /Steven M. duBois/ **DATE SIGNED:** 10/17/2014

Total Attachments: 2

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PATENT REEL: 033968 FRAME: 0210 503022647

ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers to ALSTOM Technology Ltd, having an office at Brown Boveri Strasse 7, Baden, Switzerland, CH-5400, and its successors, assignees and legal representatives (hereafter "Assignee"), the entire right, title and interest, for the United States of America, in and to certain inventions related to:

ADAPTIVE FILTERS FOR FIBER OPTIC SENSORS

described in a utility application for Letters Patent for the United States of America filed on February 23, 2010 and assigned serial number 12/598,651. Each of the undersigned further sells, assigns and transfers to Assignee all the rights to and privileges in said application and related applications, including but not limited to utility applications, continuation applications, continuation-in-part applications, divisional applications, and reissue applications, and under any and all Letters Patent that may be granted in the United States for said inventions.

Each of the undersigned further sells, assigns and transfers the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the above-identified application, and all rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize Assignee to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to Assignee in the United States and in all countries foreign to the United States, or to such nominees as Assignee may designate.

PATENT REEL: 033968 FRAME: 0211

Attorney's Docket No. 0325-008

Date: October 16, 2014

The undersigned further authorize Assignee, or its duly appointed representative to fill in the Serial Number in the blank above should same not be available at the time of execution of this document.

The undersigned agree that, when requested, the undersigned shall, without charge to Assignee but at its expense, sign all papers, and do all acts which may be necessary or desirable in connection with said applications, patents, or other forms of protection.

By:

Title:

For: ALSTOM GRID SAS

PATENT REEL: 033968 FRAME: 0212

RECORDED: 10/17/2014