

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4417549

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	THANIKESAVAN SIVANTHI	01/18/2017
	THEO WIDMER	12/08/2016
	DOMINIQUE CACHIN	01/18/2017
	CHRISTIAN LEEB	12/08/2016
	HANS-JOERG MAAG	12/08/2016
	GARGI BAG	01/18/2017
	JOHAN PALM	01/09/2017
	LINUS THRYBORN	01/09/2017
RECEIVING PARTY DATA		
Name:	ABB SCHWEIZ AG	
Street Address:	BROWN BOVERI STRASSE 6	
City:	BADEN	
State/Country:	SWITZERLAND	
Postal Code:	5400	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15257502
CORRESPONDENCE DATA		
Fax Number:		
<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>		
Email:	Taft-IP-Docket@taftlaw.com	
Correspondent Name:	JOHN H. ALLIE	
Address Line 1:	TAFT STETTINIUS & HOLLISTER LLP	
Address Line 2:	ONE INDIANA SQUARE, SUITE 3500	
Address Line 4:	INDIANAPOLIS, INDIANA 46204-2023	
ATTORNEY DOCKET NUMBER:	ABBCH-170	
NAME OF SUBMITTER:	BETSY P. SLONE	
SIGNATURE:	/Betsy P. Slone/	

DATE SIGNED:	05/17/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10 source=CH-14026-US-PCT_20170323_Declaration_signed#page1.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page2.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page3.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page4.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page5.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page6.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page7.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page8.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page9.tif source=CH-14026-US-PCT_20170323_Declaration_signed#page10.tif	

**COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY AND DESIGN
PATENT APPLICATIONS**

DECLARATION

As a below named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

TUNNELLING TIME-CRITICAL MESSAGES BETWEEN SUBSTATIONS OVER WAN

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

I hereby acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

ASSIGNMENT

WHEREAS, Thanikesavan Sivanthi of Bollstrasse 14, 5413 Birmenstorf, Switzerland; Theo Widmer of Schmitteweg 2, 5413 Birmenstorf, Switzerland; Dominique Cachin of Gipserweg 1, 8400 Winterthur, Switzerland; Christian Leeb of Lindenbachstrasse 38, 8006 Zürich, Switzerland; Hans-Joerg Maag of Eidmattstrasse 51, 8032 Zürich, Switzerland; Gargi Bag of Klockartorpsgatan 34A, 72344 Västeras, Sweden; Johan Palm of Norra Brogatan 7, 63225 Eskilstun, Sweden; and Linus Thryborn of Kronhjortsgatan 31, 72242 Västeras, Sweden, hereinafter referred to as Assignors, have made one or more new and useful inventions in **TUNNELLING TIME-CRITICAL MESSAGES BETWEEN SUBSTATIONS OVER WAN** for which Assignors have made or will make an application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, ABB Schweiz AG, hereinafter referred to as Assignee, a corporation of Switzerland, having principal place of business at Brown Boveri Strasse 6, 5400

Baden, Switzerland, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors acknowledge that the Application was executed concurrently herewith. Assignor hereby authorizes Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (b) at the discretion of the Assignee, its counsel, or its agents:

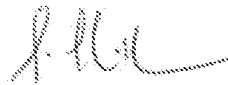
- (a) Patent Office Number of the Application: 15/257,502
- (b) Filing Date of the Application: September 6, 2016

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

18. Jan. 2017

WITNESS Assignor's hand this _____ day of _____, 2016.



Thanikesavan Sivanthi

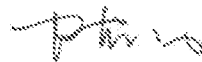
ALEXANDER MOGA

Witness Name



Witness Signature

ABB Schweiz AG



Name: Le Chen

Title Authorized Representative

WITNESS Assignor's hand this 08. Dez. 2016
day of _____, 2016.

Theo Widmer
Theo Widmer

RAIN SCHMIDT
Witness Name

[Signature]
Witness Signature

ABB Schweiz AG

[Signature]
Name: Le Chen

Title Authorized Representative

18 Jan. 2017

WITNESS Assignor's hand this _____ day of _____, 2016.

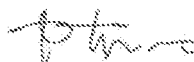


Dominique Cachin

Witness Name

Witness Signature

ABB Schweiz AG



Name: Le Chan

Title: Authorized Representative

WITNESS Assignor's hand this 03. Dec. 2016 day of , 2016.

Christian Leeb
Christian Leeb

CHAUDHURY, ROBIN
Witness Name

R. Chaudhury
Witness Signature


ABB Schweiz AG

Le Chen
Name: Le Chen

Authorized Representative
Title

03. Dec. 2016

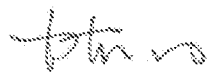
WITNESS Assignor's hand this _____ day of _____, 2016.


Hans-Joerg Maag

MARTIN BRIDEL
Witness Name


Witness Signature

ABB Schweiz AG


Name: Le Chen

Title Authorized Representative

WITNESS Assignor's hand this 18 Jan. 2017 day of Jan, 2016.

Gargi Bag
Gargi Bag

Morgan Johansson
Witness Name

Morgan Johansson
Witness Signature

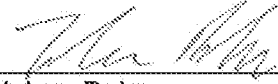
ABB Schweiz AG

Le Chen
Name: Le Chen

Authorized Representative
Title

09. Jan. 2017

WITNESS Assignor's hand this _____ day of _____, 2016.


Johan Palm


Witness Name

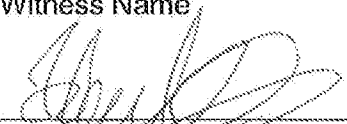
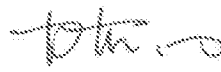

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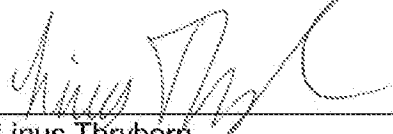
ABB Schweiz AG


Name: Le Chen

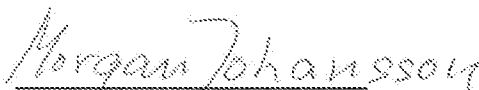
Title Authorized Representative

03. Jan. 2017

WITNESS Assignor's hand this _____ day of _____, 2016.



Linus Thryborn

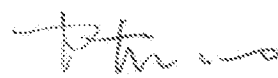


Witness Name



Witness Signature

ABB Schweiz AG



Name: Le Chen

Title Authorized Representative