

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7809369

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHIAS RUNGGER	02/08/2023
PETER AL-HOKAYEM	02/03/2023
FABIAN STREIFF	02/02/2023
VALERIJS KNAZKINS	02/03/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ABB SCHWEIZ AG
<b>Street Address:</b>	BRUGGERSTRASSE 66
<b>City:</b>	BADEN
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	5400
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17616462
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(314)621-5065
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<b>Email:</b>	uspatents@atllp.com, jhunter@atllp.com
<b>Correspondent Name:</b>	ARMSTRONG TEASDALE LLP
<b>Address Line 1:</b>	7700 FORSYTH BLVD.
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<b>ATTORNEY DOCKET NUMBER:</b>	P190312US01 (42005-2292)
<b>NAME OF SUBMITTER:</b>	MICHAEL M. GNIBUS
<b>SIGNATURE:</b>	/Michael M. Gnibus/
<b>DATE SIGNED:</b>	02/22/2023
<b>Total Attachments: 4</b>	
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**ASSIGNMENT****FOR UTILITY OR DESIGN PATENT APPLICATION**

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

This Assignment are directed to:

**AUTOMATICALLY DETERMINING CONTROL PARAMETERS FOR A VOLTAGE  
REGULATOR OF A SYNCHRONOUS MACHINE**

- ☐ the specification of which is attached hereto, or  
☒ United States application number 17/616,462 filed December 3, 2021.

In accordance with my/our obligation(s) under an agreement between the Company and me or (as applicable) arising out of other agreements, and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name	City/Town	State	Country
Matthias		Rungger	Zürich		Switzerland
Peter		Al-Hokayem	Nussbaumen		Switzerland
Fabian		Streiff	Wallisellen		Switzerland
Valerijs		Knazkins	Oberrohrdorf		Switzerland

hereby sell and assign to:

Name of Company: <i>ABB Schweiz AG</i>
Entity Type (optional):
Address: <i>Bruggerstrasse 66, 5400 Baden, Switzerland</i>

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

Country of Filing	Type of Filing	Application Number	Filing Date	Title
EP	PCT	PCT/EP2019/064887	2019-06-06	AUTOMATICALLY DETERMINING CONTROL PARAMETERS FOR A VOLTAGE REGULATOR OF A SYNCHRONOUS MACHINE

(I/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, I/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 parties 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.

## INVENTOR 1

Signature: Date: 08 Feb 2023**Matthias Rungger**

## INVENTOR 2

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Peter Al-Hokayem**

## INVENTOR 3

Signature: Date: 02.02.2023**Fabian Streiff**

## INVENTOR 4

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**Valerijs Knazkins**

(I/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, I/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 parties 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.

INVENTOR 1

Signature: \_\_\_\_\_  
Matthias Rungger

Date: \_\_\_\_\_

INVENTOR 2

Signature: \_\_\_\_\_  
Peter Al-Hokayem

Date: 03. Feb. 2023

INVENTOR 3

Signature: \_\_\_\_\_  
Fabian Streiff

Date: \_\_\_\_\_

INVENTOR 4

Signature: \_\_\_\_\_  
Valerijs Knazkins

Date: \_\_\_\_\_

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, I/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 parties 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.

## INVENTOR 1

Signature: \_\_\_\_\_  
Matthias Rungger

Date: \_\_\_\_\_

## INVENTOR 2

Signature: \_\_\_\_\_  
Peter Al-Hokayem

Date: \_\_\_\_\_

## INVENTOR 3

Signature: \_\_\_\_\_  
Fabian Streiff

Date: \_\_\_\_\_

## INVENTOR 4

Signature: \_\_\_\_\_  
Valerijs Knazkins

Date: 2023-02-03