505601140 08/01/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RITWIK MAJUMDER	11/18/2016

RECEIVING PARTY DATA

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State/Country:	SWITZERLAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16461893

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	04190-P0376A	
NAME OF SUBMITTER:	WESLEY W. WHITMYER, JR.	
SIGNATURE:	/Wesley W. Whitmyer, Jr./	
DATE SIGNED:	08/01/2019	

Total Attachments: 2 source=17l8772#page1.tif source=17l8772#page2.tif

PATENT 505601140 REEL: 049931 FRAME: 0118

ASSIGNMENT

Application Ne	ः <u>PCT/EP2016/078097</u>	Filed: 18 Nov 2016
Insert Name(s) of Inventor(s)	**(Family name (all cars), ** WHEREAS, MAJUMDER, Ritwik,	Given Name)***
	(hereinafter designated as the unde	rsigned) has (have) invented certain new and useful improvements in:
Insert Title of Insention	** Synchronization of microgrids with	each other
	for which an application for Lette: undersigned (except in the case of a	rs Patent of the United States of America has been executed by the provisional application)
Insert Date of Signing of Applin	*on_ <u>2016-11-18</u>	, and
losert Name of Assigner	* WHEREAS, ABB Schweiz AG	
Itsert Address of Assignee	* of Brown Boveri Strasse 6, Baden, S	witzerland
		atives and assigns (hereinafter designated as the Assignee) is desirous ad interest in and to said invention and in and to any Letters Patent(s) United States of America and
Check Box if Appropriate	[∞] in any foreign countries.	
	the undersigned has (have) sold, ass transfer unto said Assignee the full a its territories, dependencies and po	valuable consideration, the receipt of which is hereby acknowledged, signed and transferred, and by these presents does (do) sell, assign and and exclusive right to the said invention in the United States of America, assessions and the entire right, title and interest in and to any and all granted therefor in the United States of America, its territories,

dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms

for which the same may be granted.

REEL: 049931 FRAME: 0119

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America and any foreign patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	2016-11-18	Name of Inventor	(Signature) MAJUMDER, Rifwik
Date		Name of Inventor	(Signature)
Date	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Name of Inventor	(Signature)
Date		Name of Inventor	(Signature)
Date		Name of Inventor	(Signature)
Date		Name of Inventor	(Signsture)
Date		Name of Inventor	(Signature)