504992059 07/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYA	NCE:	ASSIGNMENT					
CONVEYING PARTY D	ΑΤΑ						
		Name	Execution Date				
YOUYI LI			02/25/2016				
KAI LIU			02/25/2016				
JIANPING WANG			02/25/2016				
RECEIVING PARTY DA	ΤΔ						
Name:	ABB TECHNOLOGY LTD						
Street Address:	AFFOLTE	AFFOLTERNSTRASSE 44					
City:	CH-8050	CH-8050 ZURICH					
State/Country:	SWITZER	SWITZERLAND					
Property Type		Number					
Application Number:	16	060680					
CORRESPONDENCE							
Fax Number: (203)703-0801							
		he e-mail address first; if that is unsuc f that is unsuccessful, it will be sent v					
Phone:	20	2037030800					
Email:	an	uade@whipgroup.com					
		LEY W. WHITMYER, JR.					
Correspondent Name:		ESLEY W. WHITMYER, JR.					
Correspondent Name: Address Line 1:	WI	ESLEY W. WHITMYER, JR. 0 SUMMER STREET					
•	WI 60						
Address Line 1:	WI 60 WI	0 SUMMER STREET					
Address Line 1: Address Line 2:	WI 60 WI ST	0 SUMMER STREET HITMYER IP GROUP					
Address Line 1: Address Line 2: Address Line 4:	WI 60 WI ST	0 SUMMER STREET HITMYER IP GROUP AMFORD, CONNECTICUT 06901					
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07/06/2018

Total Attachments: 2

DATE SIGNED:

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ASSIGNMENT

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Application No		PCT/EP2016/051093 Filed	la la	20 Jan 2016
Insert Name(s) of Inventor(s)	c\$	""(FAMILY NAME (ALL CAPS), Given Name)"" WHEREAS, LI, You'Yi, Liu, Kai, WANG, Jianping,		
		(hereinafter designated as the undersigned) has (have)	in	vented certain new and useful improvements in:
insert Title of Invention	æ	P FAULT DETECTION OF A TRANSMISSION LINE		
		for which an application for Letters Patent of the Un undersigned (except in the case of a provisional applica		
Insert Date of Signing of Appln.	¢	, ou		; and
Insert Name of Assignee	*	⁹ WHEREAS, ABB Technology Ltd		
Isseri Address of Assignee	\$	° of Affolternstrasse 44, Zürich, Switzerland		
		its heirs, successors, legal representatives and assigns (of acquiring the entire right, title and interest in and to that may be granted therefor in the United States of An	s.	aid invention and in and to any Letters Patent(s)
Check Box if Appropriate	¢,	* \bigotimes in any foreign countries.		
		NOW, THEREFORE, for good and valuable considerative undersigned has (have) sold, assigned and transfer transfer unto said Assignee the full and exclusive right to its territories, dependencies and possessions and the exclusive Patent(s) which may be granted therefor it dependencies and possessions, and if the box above is any and all divisions, reissues, continuations, conversions	rec o l eni n de	i, and by these presents does (do) sell, assign and the said invention in the United States of America, tire right, title and interest in and to any and all the United States of America, its territories, signated, in any and all foreign countries; and to

for which the same may be granted.

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 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	Febrision b	Name of Inventor	<u>Yawi</u> Li (Signeture) U, NouYi
Date	Feb. 25, 20/6	Name of Inventor	Liu, kai (Signature) Liu, Kai
Date	706.25.2016	Name of Inventor	(Signature) WANG, Jianping
Date	(elo.25.2016	Name of Inventor	(Signature)
Date		Name of Inventor	(Signature)
Date		Name of Inventor	(Signature)
Date	·····	Name of Inventor	(Signature)