503570795 11/16/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HELGE KOLSTAD	07/07/2014
JAN WIIK	07/29/2014

RECEIVING PARTY DATA

Name:	ABB TECHNOLOGY LTD	
Street Address:	AFFOLTERNSTRASSE 44	
City:	ZÜRICH	
State/Country:	SWITZERLAND	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14891267	

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	6046-0261PUS1	
NAME OF SUBMITTER:	TAN TU	
SIGNATURE:	/Tu T. Tan/	
DATE SIGNED:	11/16/2015	

Total Attachments: 4

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PATENT 503570795 REEL: 037048 FRAME: 0838

ASSIGNMENT

Application No	0,:	PC1/EP2014/059978 Filed: 15 May 2014
insert Name(s) of inverter(s)	*	WHEREAS, KOLSTAD, Helge, WIIK, Jan,
		(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:
Insert Title of	eş:	STUD A SUBSEA UNIT WITH CONDUCTION AND
Invention		KING A SUBSEA UNIT WITH CONDUCTION AND CONVECTION COOLING SE-11490WO
		for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)
Insert Date of Signing of Apple.	cζŧ	on 7, 1044 2014 ;and
Insert Name of Assignce	炒	WHEREAS, ABB Technology Ltd
lesett Address of Assignee	eş	of Affoliernstrasse 44, Zürich, Switzerland
		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Check Sox if Appropriate	*>	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territorics, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be 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.

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) 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.

ln wi	tness whereof, executed by the und	ersigned on the d	ate(s) opposite the undersigned name(s). /
Date.	7. 1044 2014	Name of Inventor	(Signsture) KOLSTAD, Helge
Date	-	Name of Inventor	(Signature) WIIK, Jan
Date		Name of Inventor	3

ASSIGNMENT

Application No).:	PCT/EP2014/059970 Filed: 15 May 2014
insert (Name(s) of invention(s)		WHEREAS, KOLSTAD, Helge, WIIK, Jan,
		(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:
nsert Ette of invention	ట	Note that the second of the
		for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)
nsert Date of lighting of Applin	0	on
inseri Mame of Assignee	×Þ	WHEREAS, ABB Technology Ltd
nsert Address bi Assignee	⇔	of Affolternstrasse 44, Zürich, Switzerland
		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
Deach Box if Appropriate	ιò	in any foreign countries.
		NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be 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.

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) 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		Name of Inventor	
			(Signature) KOLSTAD, Helge
Date	29/7-2014	Name of Inventor	Tan Wilk (Signature) WIIK, Jan
Date		Name of Inventor	