502785666 04/28/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2832261

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAN LUNDQUIST	12/05/2013
JÜRGEN HÄFNER	12/16/2013
LEIF SKÖLD	03/10/2014
HÅKAN WIECK	12/02/2013
DAG ANDERSSON	03/17/2014

RECEIVING PARTY DATA

Name:	ABB TECHNOLOGY AG
Street Address:	AFFOLTERNSTRASSE 44
City:	ZÜRICH
State/Country:	SWITZERLAND
Postal Code:	CH-8050

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14128986

CORRESPONDENCE DATA

Fax Number: (703)205-8050

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

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Email: mailroom@bskb.com, brian.olive@bskb.com
Correspondent Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Address Line 1: P.O. BOX 747

Address Line 4: FALLS CHURCH, VIRGINIA 22040-0747

ATTORNEY DOCKET NUMBER:	6046-0181PUS1	
NAME OF SUBMITTER:	BRIAN OLIVE	
SIGNATURE:	/brian olive/	
DATE SIGNED:	04/28/2014	

Total Attachments: 10

source=2014-04-28_Assignment_6046-0181PUS1#page1.tif source=2014-04-28_Assignment_6046-0181PUS1#page2.tif

502785666 PATENT REEL: 032770 FRAME: 0335

PATENT REEL: 032770 FRAME: 0336

United States Patent Rights, or United States Plus all Poreign Patent Rights

ASSIGNMENT

Application	14/128,986	Filed:	December 23, 2013
Nos			
Insert Plante(s of Inventor(s)	WHEREAS, Jan LUND	iLYNAME(AULCAPS)) QUIST, Jürgen HA as the undersigne	 FNER, Leif SKÖLD, Håkan WIECK, Dag ANDERSSON d) has (have) invented certain new and useful improvements in:
Inseri Xiile of Invention	VOLTAGE SURGE PRO	OTECTION DEVIC	E AND HIGH VOLTAGE CIRCUIT BREAKERS
	for which an applicat undersigned (except in		atent of the United States of America has been executed by the sional application)
Insert Date of Signing of Applic	OB December 2, 2013	; December 5, 201	3; December 16, 2013; March 10, 2014; March 17, 2014
insert Name of Assignce	WHEREAS, ABB TECH	NOLOGY AG	
irsert Address of Assigned	of Affolternstrasse 44, C	H-8050 ZŰRICH,	Switzerland,
		it, title and interes	and assigns (hereinafter designated as the Assignee) is desirous of t in and to said invention and in and to any Letters Patent(s) that may America and
Check Box if Appropriate	in any foreign cou	ntries.	
	undersigned has (have) unto said Assignee the territories, dependencie Patent(s) which may b possessions, and if the	sold, assigned and trull and exclusives and possessions granted therefores above is designed.	ble consideration, the receipt of which is hereby acknowledged, the distansferred, and by these presents does (do) sell, assign and transfer we right to the said invention in the United States of America, its and the entire right, title and interest in and to any and all Letters in the United States of America, its territories, dependencies and mated, in any and all foreign countries; and to any and all divisions, extensions thereof for the full term or terms for which the same may

BSKB-ASSIGNESINGUE (09-10) PCL/PCL/MV

Attorney Docket No. 6046-0181PUSI

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 grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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 20/3-12-05	Name of Inventor	(Signatusk) Jan LUNDQUIST
Date:	Name of Inventor	(Signature) Jürgen HÄFNER
Date	Name of Inventor	(Signature) Leif SKÖLD
Daie	Name of Inventor	(Signature) Håkan WIECK
Date	Name of Inventor	(Signature) Dag ANDERSSON
Date		

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 2

BSKB-ASSIGN-SINGLE (09-12) PCL/PCL/tdv

United States Patent Rights, or United States Plus all Foreign Patent Rights

ASSIGNMENT

Application No.:	14/128,986	Filed:	December 23, 2013
Insert Name(s of Inventor(s)	™Given Name FAMII WHEREAS, Jan LUNDQ (hereinafter designated a	UIST, Jürgen H	om ÄFNER, Leif SKÖLD, Håkan WIECK, Dag ANDERSSON ed) has (have) invented certain new and useful improvements in:
Insert Title of Invention	VOLTAGE SURGE PRO	TECTION DEVI	CE AND HIGH VOLTAGE CIRCUIT BREAKERS
	for which an application undersigned (except in the		Patent of the United States of America has been executed by the isional application)
risen Date of Signing of Applin	December 2, 20	13; December 5	, 2013; December 16, 2013; March 10, 2014; March 17, 2014 ; and
insert Name of Assignee	WHEREAS, ABB TECHN	NOLOGY AG	
nsert Address of Assignee	of Affolternstrasse 44, Ct	1-8050 ZŰRICH	. Switzerland,
		, title and intere	s and assigns (bereinafter designated as the Assignee) is desirous of st in and to said invention and in and to any Letters Patent(s) that may f America and
Theck Box if Appropriate	in any foreign coun	tries.	
	undersigned has (have) s unto said Assignee the territories, dependencies Patent(s) which may be possessions, and if the b	old, assigned an full and exclusi and possession granted therefo ox above is desi	able consideration, the receipt of which is hereby acknowledged, the id transferred, and by these presents does (do) sell, assign and transfer ive right to the said invention in the United States of America, its s and the entire right, title and interest in and to any and all Letters in the United States of America, its territories, dependencies and gnated, in any and all foreign countries; and to any and all divisions, extensions thereof for the full term or terms for which the same may

BIRCH, STEWART, KOLASCH & BIRCH, LLF

Page 1

BSKE ASSIGN-SINGLE (85-12) PCL/PCL/Idv

Attorney Docket No. 6046-0181PUS1

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 grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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) Jan LUNDQUIST	
Date 2013-12-16	Name ofInventor	July Uc, Te. (Signature) Jürgen HÄFNER	
Date	Name of Inventor	(Signature) Leif SKÖLD	
Date	Name of Inventor	(Signature) Håkan WIECK	
Date	Name of Inventor	(Signature) Dag ANDERSSON	·
Date			
BIRCH, STEWART, KOLASCI	H & BIRCH, LLP	Page 2	VSKB-ASSIGN-SINGLE (09-12)

PATENT REEL: 032770 FRAME: 0340

PCL/PCL/tdv

United States Patent Rights, or United States Plus all Foreign Patent Rights

ASSIGNMENT

ion 14/128,986 Filed December 23, 2013
**(e)WHEREAS, Jan LUNDQUIST, Jürgen HÄFNER, Leif SKÖLD, Håkan WIECK, Dag ANDERSSON (hereinafier designated as the undersigned) has (have) invented certain new and useful improvements in: VOLTAGE SURGE PROTECTION DEVICE AND HIGH VOLTAGE CIRCUIT BREAKERS
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)
December 2, 2013; December 5, 2013; December 16, 2013; March 10, 2014; March 17, 2014
WHEREAS, ABB TECHNOLOGY AG
s of Affolternstrasse 44, CH-8050 ZÜRICH, Switzerland,
its beirs, 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
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.

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Fage 1

89KB-ASSIGN-SINGLE (09-12) PCL/PCL/tdv

Attorney Docket No. 6046-0181PUS1

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

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 grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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

Date	Name of Inventor	(Signature) Jan LUNDQUIST
Date	Name of Inventor	(5ignature) Jürgen HÄFNER
Date <u> </u>	Name of Inventor	(Signature) Leif SKÖLD
Date	Name of Inventor	(Signature) Håkan WIECK
Owies	Name of Inventor	(Signature) Dag ANDERSSON
Date		
BIRCH, STEWART, KOLASCH &	BIRCH, LLP	Power or

Page 2

BSKG-ASSIGN-SINGLE (09-12) PCL/PCL/tdv

United States Patent Rights, or United States Plus all Foreign Patent Rights

ASSIGNMENT

Application No.:	14/128,986	Filed:	December 23, 2013			
insert Name(s if inventor(s)	WHEREAS, Jan LUNDQ	YNAME (ALL CAPS))*** UIST, Jürgen HÄI s the undersigned	FNER, Leif SKÖLD, Håkan WIECK, Dag ANDERSSON I) has (have) invented certain new and useful improvements in:			
insert Title of invention	VOLTAGE SURGE PROT	TECTION DEVIC	E AND HIGH VOLTAGE CIRCUIT BREAKERS			
	for which an applicatio undersigned (except in th		tent of the United States of America has been executed by the ional application)			
nsert Date of ligning of Appin.	on December 2, 2013	; December 5, 20	13; December 16, 2013; March 10, 2014; March 17, 2014			
nsert Name of Assignee	WHEREAS, ABB TECHNOLOGY AG					
nsert Address if Assignee	of Affolternstrasse 44, CF	1-8050 ZÜRICH, S	Switzerland,			
		t, title and interes	and assigns (hereinafter designated as the Assignee) is desirous of st in and to said invention and in and to any Letters Patent(s) that as of America and			
	in any foreign count	ries.				
	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.					

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 1

PSKB-ASSIGN-SINGUE (89-12) PCL/PCL/Idv

Attorney Docket No. 6046-0181PUST

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.

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

Date	Name of Inventor	(Signature) Jan LUNDQUIST
Date	Name of Inventor	(Signature) Jürgen HÄFNER
Date	Name of Inventor	(Signature) Leif SKÖLD
Date 2013 - 12 - 02	Name of Inventor	(Signature) Håkan WIECK
Date	Name of Inventor	(Signature) Dag ANDERSSON
Date		

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 2

85K8-ASSION-SINCLE (09-12) PCL/FCL/Idv

United States Patent Rights, or United States Plus all Poreign Patent Rights

ASSIGNMENT

Application No.:	14/128,986	Filed:	December 23, 2013			
luseri Namels of Inventor(s)	™(Given Name FAMILY N WHEREAS, Jan LUNDQUI (hereinafter designated as t	ST, Jürgen HÄFNE	R, Leif SKÖLD, Håkan WIECK, Dag ANDERSSON s (have) invented certain new and useful improvements in:			
insert Title of Invention	VOLTAGE SÜRGE PROTE	CTION DEVICE AS	ND HIGH VOLTAGE CIRCUIT BREAKERS			
	for which an application undersigned (except in the		of the United States of America has been executed by the Lapplication)			
nsert Date of lighting of Applia	December 2, 2013; December 5, 2013; December 16, 2013; March 10, 2014; March 17, 2014 and					
nseri Name if Assignee	WHEREAS, ABB TECHNO	LOGY AG				
n centine	of Affolternstrasse 44, CH-8	050 ZÜRICH, Switz	serland,			
		tle and interest in a	assigns (hereinafter designated as the Assignee) is desirous of nd to said invention and in and to any Letters Patent(s) that may rica and			
	in any foreign countris	28,				
	undersigned has (have) sold unto said Assignee the ful territories, dependencies ar Patent(s) which may be gr possessions, and if the box	l, assigned and tran I and exclusive rig id possessions and anted therefor in ti above is designated	consideration, the receipt of which is hereby acknowledged, the sferred, and by these presents does (do) sell, assign and transfer the other said invention in the United States of America, its the entire right, title and interest in and to any and all Letters be United States of America, its territories, dependencies and I, in any and all foreign countries; and to any and all divisions, sions thereof for the full term or terms for which the same may			

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Page 1

BSKB-ASSEGN-SINGLE (09-12) PCL/PCL/bdv

Attorney Docket No. 6046-0181PUS1

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.

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

Date	Name of Inventor	
Date	Name of Inventor	(Signature) Jan LUNDQUIST (Signature) Jürgen HÄFNER
Date	Name of Inventor	(Signature) Leif SKÖLD
Date	Name of Inventor	(Signature) Håkan WIECK
Date <u>2014-0</u>	Name of Inventor	Day Anderson (Signature) Dag ANDERSSON
Date:		

PATENT REEL: 032770 FRAME: 0346

BSK8-ASSIGN-SINGLE (09-12)

PCL/FCL/tdv

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