Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Uwe KALTENBORN	05/06/2008
Guido MEIER	05/05/2008
Stephane SCHAAL	05/06/2008
Jens ROCKS	05/06/2008

#### **RECEIVING PARTY DATA**

Name:	ABB RESEARCH LTD
Street Address:	Affolternstrasse 52
City:	Zurich
State/Country:	SWITZERLAND
Postal Code:	CH-8050

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12051169	

### **CORRESPONDENCE DATA**

(703)836-7419 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 7038366620

Email: albina.torres-price@bipc.com Buchanan Ingersoll & Rooney PC Correspondent Name:

Address Line 1: P. O. Box 1404

Address Line 4: Alexandria, VIRGINIA 22313-1404

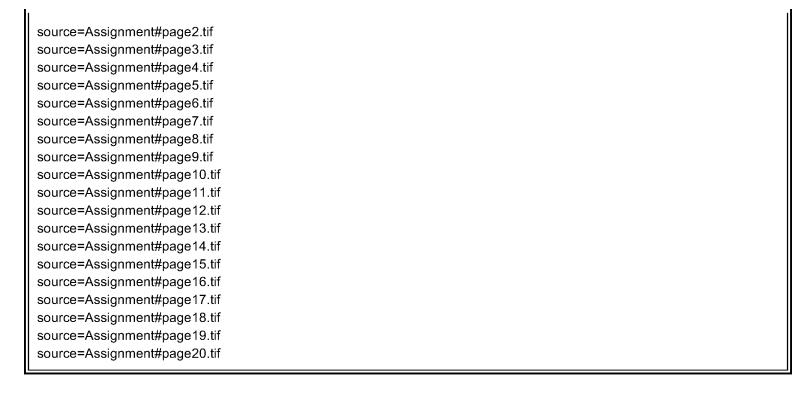
ATTORNEY DOCKET NUMBER:	1004501-000979
NAME OF SUBMITTER:	Patrick C. Keane

Total Attachments: 20

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**PATENT REEL: 021046 FRAME: 0955** 

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# **ASSIGNMENT**

(JOINT)

(3) Stéphane S	<u>CHA</u>	<u>AL</u> ar	NT, by (1) Uwe KALTENBORN, (2) Guido MEIER, and (4) Jens ROCKS, residing at (1) Regensburg, Germany; and (3) Signary France, and (4) Fraignbach Suffragland (baseing the
(2) Wuerenlingen, Switzerland; (3) Sierentz, France and (4) Freienbach, Switzerland, (hereinafter referred to as "the Assignors"), respectively, witnesseth:			
referred to as	uic A	ssigno	15 ), respectively, withesseth.
WHER	EΔS	the As	reignore have invented partain new and woof dimensions to be
MOI D-FREE	RES	INLIN	ssignors have invented certain new and useful improvements in <b>SULATED COIL WINDINGS</b> set forth in an application for Letters Patent
of the United St	ates	which	is a
	uico,	, WITHOU	15 d
(1)		provis	sional application
	(a)		bearing Application No, and filed on;
	(b)		to be filed herewith; or
(0)			
(2)	$\boxtimes$	non-p	rovisional application
	(a)		bearing Application No, and filed on;
	(b)		having an oath or declaration executed on even date herewith prior to filing of application;
	(c)		having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, <u>ABB RESEARCH LTD</u>, a corporation duly organized under and pursuant to the laws of <u>Switzerland</u> and having a principal place of business at <u>Affolternstrasse 52</u>, <u>CH-8050 Zurich</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application No	
Attorney Docket No	1004501-000979
	Page 2 of

AND the Assignors hereby authorize and request the áttorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

DATE06.05.2008	Moder
	Uwe KALTENBORN
DATE	
	Guido MEIER
DATE	
	Stéphane SCHAAL
DATE	
	Jens ROCKS

Application No.			
Attorney Docket No	1004501-00	0097	<u> </u>
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DATE 5.5.08 Gr. Must	
Guido MEIER	
DATE	
Stéphane SCHAAL	
DATE	

Application No	
Attorney Docket No	1004501-000979
	Page <sub>4</sub> of 5

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

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	Uwe KALTENBORN
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	Stephane SCHAAL
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	Jens ROCKS

Application No	
Attorney Docket No.	1004501-000979
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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

DATE	
	Uwe KALTENBORN
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	Guido MEIER
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•	Stéphane SCHAAL
DATE 06.05.2008	Jees Palos
	Jens ROCKS

# **ASSIGNMENT**

(JOINT)

(3) Stéphane S (2) Wuerenling	CHA en, S	<u>AL</u> an witzerla	IT, by (1) Uwe KALTENBORN, (2) Guido MEIER, and (4) Jens ROCKS, residing at (1) Regensburg, Germany; and; (3) Sierentz, France and (4) Freienbach, Switzerland, (hereinafter rs"), respectively, witnesseth:
WHER MOLD-FREE of the United S	RES	SIN-INS	signors have invented certain new and useful improvements in SULATED COIL WINDINGS set forth in an application for Letters Patent is a
(1)		provis	ional application
	(a)		bearing Application No, and filed on;
	(b)		to be filed herewith; or
(2)	$\boxtimes$	non-pi	rovisional application
	(a)		bearing Application No, and filed on;
	(b)		having an oath or declaration executed on even date herewith prior to filing of application;
	(c)		having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, <u>ABB RESEARCH LTD</u>, a corporation duly organized under and pursuant to the laws of <u>Switzerland</u> and having a principal place of business at <u>Affolternstrasse 52</u>, <u>CH-8050 Zurich</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application No	
Attorney Docket No	1004501-000979
	Page 2 of 5

AND the Assignors hereby authorize and request the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

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		Guido MEIER
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		Stéphane SCHAAL
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		lene POCKS

Application No.	
Attorney Docket No	1004501-000979
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	Guido MEIER
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	Stéphane SCHAAL
DATE	
	Jens ROCKS

Application No	
Attorney Docket No	1004501-000979
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DATE	
	Uwe KALTENBORN
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	Stéphane SCHAAL
DATE	
	Jens ROCKS

Application No		_
Attorney Docket No	1004501-000979	
	Page 5of	5

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	Uwe KALTENBORN
DATE	
	Guido MEIER
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	Stéphane SCHAAL
DATE 06.05.2008	Jees Palo
	Jens ROCKS

## **ASSIGNMENT**

(JOINT)

(3) Stéphane S (2) Wuerenling referred to as "	CHA en, S the A	<u>AL</u> ar witzerl ssigno	and; (3) Sierentz, France rs"), respectively, witnesse	ing at <u>(1) Regensburg, Germany;</u> and <u>(4) Freienbach, Switzerlan</u> th:	d, (hereinafter
WHER MOLD-FREE	EAS,	the As I <b>N-I</b> N:	ssignors have invented cert	tain new and useful improvements NGS set forth in an application for	s in
of the United S	tates,	which	is a	300 Oct Total in all application for	Letters Faterit
(1)	(a) (b)		ional application bearing Application No to be filed herewith; or	, and filed on	;
(2)	$\boxtimes$	non-p	rovisional application		
	(a)		bearing Application No _	, and filed on	· 
	(b)		having an oath or declarat filing of application;	ion executed on even date herew	ith prior to
	(c)		having an oath or declarat Assignment; and	ion executed on a different date t	han this

WHEREAS, ABB RESEARCH LTD, a corporation duly organized under and pursuant to the laws of Switzerland and having a principal place of business at Affolternstrasse 52, CH-8050 Zurich, Switzerland (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Application No	
Attorney Docket No	1004501-000979
	Page 2 of 5

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DATE <u></u>	06.05.2008	Hollen	
		Uwe KALTENBORN	
DATE		Guido MEIER	
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DATE		Jens ROCKS	

Application No	
Attorney Docket No	1004501-000979
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Application No	
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	Guido MEIER
DATE	
	Stéphane SCHAAL
DATE 06.05.2008	Jees Palos
	/ Jens ROCKS

## **ASSIGNMENT**

(JOINT)

(3) Stéphane S (2) Wuerenling	SCHA ien, S	<u>AL</u> ar witzerl	nd (4) Jens ROCKS, res	BORN, (2) Guido MEIER, iding at (1) Regensburg, Gere and (4) Freienbach, Switzeth:	many; zerland,	(hereinafter
WHER MOLD-FREE	REAS,	the As	ssignors have invented co	ertain new and useful improve I <b>INGS</b> set forth in an applicat	ments in	etters Patent
of the United S	states,	which	is a			one of alone
(1)		provis	sional application			
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	(b)		to be filed herewith; or			
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WHEREAS, <u>ABB RESEARCH LTD</u>, a corporation duly organized under and pursuant to the laws of <u>Switzerland</u> and having a principal place of business at <u>Affolternstrasse 52</u>, <u>CH-8050 Zurich</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon

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Application No	
Attorney Docket No	1004501-000979
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Application No		
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	Page <sub>4</sub> of 5

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Application No.		
Attorney Docket No.	1004501-000979	
	Page 5of -	5

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AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns

DATE	
	Uwe KALTENBORN
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	Guido MEIER
DATE	
	Stéphane SCHAAL
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	Jens ROCKS
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Buchanan Ingersoll & Rooney PC

**RECORDED: 06/04/2008**