

Substitute for Form PTO-1595

RECORDATION FORM COVER SHEET PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

Attorney's Docket No. 004515-014

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>James STOUPIS Donato COLONNA Kornel SCHERRER David LUBKEMAN</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: ABB Research Ltd.</p>
<p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: February 23, 2005, February 25, 2005, February 28, 2005 and February 24, 2005, respectively</p>	<p>Address:</p> <p>P.O. Box 8131 8050 Surich Switzerland</p>

Additional name(s) & addresses attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

<p>A. Patent Application No.(s)</p> <p>10/998,845 filed November 30, 2004</p>	<p>B. Patent No.(s)</p>
---	-------------------------

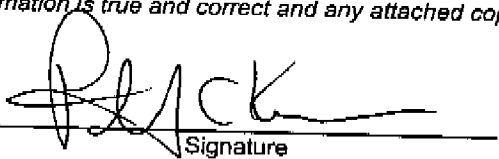
Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Patrick C. Keane</p> <p>Address:</p> <p>Burns, Doane, Swecker & Mathis, L.L.P. Customer Number 2 1 8 3 9 P.O. Box 1404 Alexandria, Virginia 22313-1404</p>	<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00 (8021)</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Credit card. Form PTO-2038 is attached.</p> <p>8. Deposit account number:</p> <p><u>02-4800</u> (Attach duplicate copy of this page if paying by deposit account.)</p>
--	---

DO NOT USE THIS SPACE

9. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

<p>Patrick C. Keane</p> <p>Name of Person Signing</p>	<p>32,858</p> <p>Reg. No.</p>	 <p>Signature</p>	<p>February 28, 2005</p> <p>Date</p>
---	-------------------------------	---	--------------------------------------

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services
P.O. Box 1450 / Alexandria, VA 22313-1450

CH \$40.00 024800 10998845

Attorney Docket No. 004515-014

JOINT ASSIGNMENT

THIS ASSIGNMENT, by James STOUPIS; Donato COLONNA; Kornel SCHERRER; and David LUBKEMAN

residing at 2600 Sterling Park Drive, Raleigh, NC 27603; 4109 Grand Manor Court, Apartment 307, Raleigh, NC 27603; Grossacherstrasse 6, CH-8966 Oberwil-Lieli; and 1723 Arboretum Trace, Cary, NC 27511, respectively.

(hereinafter referred to as "the Assignors"), witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in the application for Letters Patent of the United States, entitled:

INTELLIGENT CONFIGURATION SYSTEM FOR POWER DISTRIBUTION FEEDER RECLOSERS AND SWITCHES

- (1) which is a provisional application
 - (a) bearing Application No. _____, filed on _____;
 - (b) to be filed herewith; or
- (2) which is a non-provisional application
 - (a) bearing Application No. 10/998,845, filed on November 30, 2004;
 - (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, ABB Research Ltd.
a corporation duly organized under and pursuant to the laws of Switzerland
and having its principal place of business at P.O. Box 8131, 8050 Zurich, Switzerland

Application No. 10/998,845
 Attorney Docket No. 004515-014

(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 Assignors have 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;


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 Burns, Doane, Swecker & Mathis, L.L.P. to insert in the spaces provided above the title of the invention, filing date, application number, and attorney docket number of said application when known.


Application No. 10/998,845
Attorney Docket No. 004515-014

AND the Assignors hereby request the Director of the United States Patent and Trademark Office to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Date: 2/23/05 Signature of Assignor 
James STOUPIS

Date: 2/25/05 Signature of Assignor 
Donato COLONNA

Date: _____ Signature of Assignor _____
Kornel SCHERRER

Date: 2/28/05 Signature of Assignor 
David LUBKEMAN

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

24/02 2005 THU 15:04 FAX +358 10 22 41599 ABB OY DISTRIBUTION AUTO

004/008

Application No. 10/998,845
Attorney Docket No. 004515-014

AND the Assignors hereby request the Director of the United States Patent and Trademark Office to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

Date: _____ Signature of Assignor _____
James STOUPIS

Date: _____ Signature of Assignor _____
Donato COLONNA

Date: 2/24/2005 Signature of Assignor _____
Kornel SCHERRER

Date: _____ Signature of Assignor _____
David LUBKEMAN

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____

Date: _____ Signature of Assignor _____