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1. Name(s) of conveying party(ies):  
Michiharu Ichikawa, Hiroshi Suzuki, Toshihiro Takahashi, Shinichi Mukoyama and Masashi Yagi
2. Name and address of receiving party(ies):

Central Research Institute of Electric Power Industry  
6-1, Otemachi 1-chrome,  
Chiyoda-ku, Tokyo 100-8126 Japan

and The Furukawa Electric Co., Ltd.  
2-3, Marunouchi 2-chrome,  
Chiyoda-ku, Tokyo 1000-8322 Japan

3. Nature of Conveyance (i.e., Assignment, Merger, Name Change): Assignment  
Execution Date: September 12, 2006

4. Application and/or Patent No(s):

(a) Application Serial No(s). Letters Patent No(s).  
11/515,662

(b) this document is being filed together with a new application, which was executed on:  
\_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:

**NOTARO & MICHALOS P.C.**  
100 Dutch Hill Road, Suite 110  
Orangeburg, New York 10962-2100  
(845) 359-7700

**Customer No.: 21706**

6. Total number of applications and/or patents involved: 1
7. Total Fee (37 C.F.R. 3.41/\$40.00 ea.): \$ 40.00 is enclosed.
8. The Commissioner is further authorized to charge any underpayment and/or credit any overpayment to Deposit Account No. **14-1431**.
9. 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.

10/13/2006 CME01 00000002 11515662  
Peter C. Michalos  
Reg. No. 28,643  
Attorney for Applicant(s)

( 40.00 OP )

Dated: October 10, 2006

**TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, DOCUMENT AND ATTACHMENTS : 3**

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned

Michiharu Ichikawa; Hiroshi Suzuki; Toshihiro Takahashi; Shinichi Mukoyama; and Masashi Yagi

hereby sells, assigns and transfers to CENTRAL RESEARCH INSTITUTE OF ELECTRIC POWER

INDUSTRY, 6-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8126 Japan

and

THE FURUKAWA ELECTRIC CO., LTD., 2-3, Marunouchi 2-chome, Chiyoda-ku,

Tokyo 1000-8322 Japan

(hereinafter called the Assignee) the entire right, title and interest in and to any and all inventions and discoveries which are disclosed in the application for United States patent entitled

QUENCH DETECTION METHOD AND APPARATUS OF SUPERCONDUCTIVE CONDUCTOR

which application was:

(a) executed on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_

(b) filed on the 5th day of September, 2006  
and given Application Serial No. 11/515,662

including any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof and any and all United States Letters Patents granted thereon.

It is hereby authorized and requested that the Commissioner of Patents and Trademarks issue any and all said Letters Patent, when granted to said Assignee.

Further, it is agreed that, when requested by Assignee, the undersigned will execute without charge all divisional, continuing, substitute, renewal, and reissue patent applications, and execute all rightful other papers, and generally do everything possible for aiding in securing and maintaining proper patent protection.

Signed at Kanagawa, Japan this 12th day of September, 2006

Inventor(s):

Michiharu Ichikawa  
Michiharu Ichikawa

Hiroshi Suzuki  
Hiroshi Suzuki

Toshihiro Takahashi  
Toshihiro Takahashi

Shinichi Mukoyama (signed on separate page)

Masashi Yagi (signed on separate page)

Witness(es):

Masahito Hiroda

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**Customer No.: 21706**

Atty. Docket No.: G110-080 US

## ASSIGNMENT

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Signed at Tokyo, Japan this 8th day of September, 2006

Inventor(s):

Shinichi Mukoyama  
Shinichi Mukoyama

Masashi Yagi  
Masashi Yagi

Michiharu Ichikawa (signed on separate page)

Hiroshi Suzuki (signed on separate page)

Toshihiro Takahashi (signed on separate page)

Witness(es):

[Signature]

\_\_\_\_\_

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PATENT

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