



11-14-2008

FORM PTO-1595 (modified)

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U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Honorable Assistant Secretary and Commissioner... attached original document(s) or copy(ies) thereof.

80-01-11

1. Name of conveying party(ies): NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY

2. Name and address of receiving party(ies): Name: HOKURIKU ELECTRIC POWER COMPANY Address: 15-1 Ushijimacho, Toyama-shi, Toyama 930-8686, Japan

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: October 2, 2008

Additional name(s) & address(es) attached? 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: A. Patent Application No.(s) 11/979,906, filed November 9, 2007 B. Patent No.(s) Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: WENDEROTH, LIND & PONACK, L.L.P. Attn: Michael R. Davis, Esq. Street Address: 2033 K Street, N.W., Suite 800 City: Washington, State: DC ZIP: 20006-1021

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41). \$40.00 [X] Enclosed (Check No. 88142) Authorized to be charged to deposit account 8. Deposit account number: 23-0975 (Attach duplicate copy of this page if paying by deposit account)

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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. Michael R. Davis, Reg. No. 25,134 Name of Person Signing Signature Date November 10, 2008

Total number of pages including cover sheet: 2

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The Commissioner is authorized to charge any deficiency or to credit any overpayment associated with this communication to Deposit Account No. 23-0975, with the EXCEPTION of deficiencies in fees for multiple dependent claims in new applications.

PATENT REEL: 021840 FRAME: 0984

ASSIGNMENT

WHEREAS HOKURIKU ELECTRIC POWER COMPANY and NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, are the joint owners of the entire right, title and interest in U.S. application Serial No. 11/979,906, filed November 9, 2007, as evidenced by the Assignment recorded March 3, 2008 in the Assignment records of the United States Patent and Trademark Office at Reel 020615, Frames 0197-0200, and

WHEREAS HOKURIKU ELECTRIC POWER COMPANY is desirous of acquiring the entire right, title and interest in said U.S. patent application Serial No. 11/979,906,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid by said HOKURIKU ELECTRIC POWER COMPANY to said NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, of which receipt is hereby acknowledged, said NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, by its undersigned duly-authorized officer, does hereby sell and assign its entire right, title and interest in said U.S. patent application Serial No. 11/979,906, to said HOKURIKU ELECTRIC POWER COMPANY, its successors and assigns.

Signed this 2th day of October, 2008.

For: NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY

Yasushi Mitsuishi
Name: Yasushi MITSUISHI
Title: Director, Intellectual Property Department

Witness: Yuichiro Otake
Yuichiro OTAKE
Witness: Taeko Kobayashi
Taeko KOBAYASHI