

FORM PTO-1595 (modified)

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U.S. DEPARTMENT OF COMMERCE

(Rev 6/93)

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COVER SHEET

Patent and Trademark Office

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12/227902

To the Director of the United State.

103538318

with the attached original documents or copies thereof.

1. Name of conveying party(ies):

**Takayuki Arakawa  
Masanori TSUJIKAWA**

2. Name and address of receiving party(ies):

**NEC Corporation  
7-1, Shiba 5-chome,  
Minato-ku, Tokyo Japan**

Additional conveying party(ies) **NO**

3. Nature of conveyance:

**ASSIGNMENT**

Execution Date:

**November 21, 2008**

Additional name(s) & address(es) attached? **NO**

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

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

**November 21,  
2008**

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? **NO**

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

**George C. Beck  
FOLEY & LARDNER LLP  
Washington Harbour  
3000 K Street NW, Suite 500  
Washington, D.C. 20007-5143**

6. Total number of applications/patents involved: **1**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

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*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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.*

**George C. Beck**

**12/2/2008**

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **3**

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**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

NEC CORPORATION  
of 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001, Japan

(hereinafter ASSIGNEE) its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

Gain control system, gain control method, and gain control program

as set forth in this United States Patent Application

Check  executed concurrently herewith  
 one  executed on \_\_\_\_\_  
 Serial No. \_\_\_\_\_ Filed \_\_\_\_\_  
 and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

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**NAME AND SIGNATURE OF INVENTOR(S)**

NAME: Takayuki ARAKAWA SIGNATURE: Takayuki Arakawa DATE: Nov. 21, 2008

NAME: Masanori TSUJIKAWA SIGNATURE: Masanori Tsujikawa DATE: Nov. 21, 2008

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: Asato Kinoshita DATE: Nov. 21, 2008

NAME: \_\_\_\_\_ SIGNATURE: Asato Kinoshita DATE: Nov. 21, 2008

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.