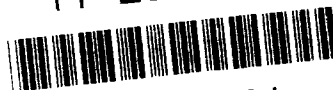




11-29-2006



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FORM PTO-1595
(Rev. 08/05)U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 070456-0152

To the Director of the U. S. Patent and Traueamark Office: Please record the attached documents or the new address(es) below.

1. Name of Conveying Party(ies)

Junichi MAEDA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of Conveyance/Execution Date(s)

Execution Date(s): November 14, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: SUMITOMO ELECTRIC NETWORKS, INC.

Internal Address:

Address: 3-20-14, Higashi-gotanda,
Shinagawa-ku,
Tokyo 141-0022 JAPANAdditional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application or patent number(s):

A. Patent Application No(s).

11/521,611 filed September 15, 2006

☐ This document is being filed together with a new application

B. Patent No(s).

Additional numbers attached? ☐ Yes ☐ No

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

Name: MCDERMOTT WILL & EMERY LLP

Internal Address:

Street Address: 600 13th Street, N.W.

City: Washington State: D. C. Zip: 20005-3096

Phone Number: 202.756.8000

Fax Number: 202.756.8087

Email Address:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)nt

8. Payment Information:

- a. Credit Card Last 4 Numbers 11521611
Expiration Date
b. Deposit Account Number 500417
Authorized User Name

9. Signature.

Keith E. George 34,111

Signature

November 24, 2006

Name and Registration No. of Person Signing

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

OMB No. 0651-0027 (exp. 6/30/2008)

11/28/2006 11:52:16
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34,111
01 FC-8081

PATENT

REEL: 018601 FRAME: 0966

ASSIGNMENT

WHEREAS, Junichi MAEDA, hereinafter called the "Assignor," has invented a new and useful invention entitled Communication Device, Communication System, and Communication Method Performing Communication Using a Plurality of Signals Having Different Frequencies, for which he has:

- (a) filed an application for United States Letters Patent on September 15, 2006 as (Serial No. 11/521,611); or
- (b) executed an application for United States Letters Patent on _____; or
- (c) filed a provisional application on _____ as (Serial No. _____); and

WHEREAS, Sumitomo Electric Networks, Inc., a corporation organized and existing under the laws of Japan, having a place of business at: 3-20-14, Higashi-gotanda, Shinagawa-ku, Tokyo 141-0022 Japan, hereinafter called the "Assignee," is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under any Letters Patent which may be obtained to said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hands and affixed his seal.

Date: November 14, 2006

Junichi Maeda (Seal)
Junichi MAEDA