

U.S. PTO
12/230519
08/29/2008

09-10-2008

RECORDATION FORM COVER
PATENTS ONLY



103523620

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

1. Name of conveying party(ies):

Jun HAYASHI (08/13/2008), Takaaki HORIBUCHI
(08/13/2008), Mitsuharu OZAWA (08/13/2008),
Yoshinobu KIMURA (08/13/2008),

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

2. Name and address of receiving party(ies)

Name: OKI ELECTRIC INDUSTRY CO., LTD.

Internal Address: _____

Street Address: _____

3-16-11, Nishi Shimbashi, Minato-ku

City: Tokyo

State: _____

Country: JAPAN Zip: 105-8460

Additional name(s) & address(es) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Title: GATEWAY DEVICE ALLOWING HOME
NETWORK APPLIANCES TO BE INTRODUCED AND
CONTROLLED OVER A NETWORK etc.

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven M. Rabin
RABIN & BERDO, PC

Internal Address: Atty. Dkt.: KAT-297

Street Address: 1101 14th St., NW
Suite 500

City: Washington

State: DC Zip: 20005

Phone Number: (202) 371-8976

Fax Number: (202) 408-0924

Email Address: firm@rabinberdo.com

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)

8. Payment Information

a. Credit Card Last 4 Numbers 5730

Expiration Date 04/11

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

August 29, 2008

Date

Steven M. Rabin - 29,102

Name of Person Signing

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

6

FEE ENCLOSED: \$ 40.00
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09/02/2008 SZEWDIE1 00000119 12230519

04 FC:8021

40.00 OP

PATENT
REEL: 021528 FRAME: 0793

RECORDATION FORM COVER SHEET (PTO-1595)
(supplemental sheet)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Masahide NAKAMURA (08/07/2008), and Yusuke FUKUOKA (08/09/2008)

Additional Assignees (2. Continued):

Assignee Name: Nara Institute of Science and Technology

Internal Address:

Street Address: 8916-5 Takayama, Ikoma

City: Nara State: _____ Country: Japan Zip: 630-0101

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

☐

Yes

☒

No

Attorney Reference _____

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Jun HAYASHI, Takaaki HORIBUCHI, Mitsuharu OZAWA and Yoshinobu KIMURA hereinafter referred to collectively as the assignor, has invented a certain improvement relating to GATEWAY DEVICE ALLOWING HOME NETWORK APPLIANCES TO BE INTRODUCED AND CONTROLLED OVER A NETWORK AND A CONTROL METHOD THEREFOR

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to the practitioners associated with the

Customer Number 23995, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

[] said application having been filed under the Patent Cooperation Treaty on _____

Serial No. _____, the United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd. of 3-16-11 Nishi Shimbashi, Minato-ku, Tokyo, 105-8460, Japan and Nara Institute of Science and Technology of 8916-5 Takayama, Ikoma, Nara, 630-0101, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals 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:

Rabin & Berdo, PC

All practitioners at Customer Number 23995.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, August 13, 2008

WITNESS:

ASSIGNOR:

Signature: Akira Ohamoto

Signature: Jun Hayashi
Name: Jun HAYASHI

PATENT

REEL: 021528 FRAME: 0795

Rabin & Berdo, PC

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, August 12, 2008

WITNESS:

Signature: Akira Okamoto

ASSIGNOR:

Signature: Takaaki Horibuchi
Name: Takaaki HORIBUCHI

EXECUTED, Aug 13, 2008

WITNESS:

Signature: Akira Okamoto

ASSIGNOR:

Signature: Mitsuharu Ozawa
Name: Mitsuharu OZAWA

EXECUTED, Aug 13, 2008

WITNESS:

Signature: Akira Okamoto

ASSIGNOR:

Signature: Yoshinobu Kimura
Name: Yoshinobu KIMURA

Rabin & Berdo, PC

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**WHEREAS** Masahide NAKAMURA

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to GATEWAY DEVICE ALLOWING HOME NETWORK APPLIANCES TO BE INTRODUCED AND CONTROLLED OVER A NETWORK AND A CONTROL METHOD THEREFOR

☒ the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

☐ said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to the practitioners associated with the Customer Number 23995, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

☐ said application having been filed under the Patent Cooperation Treaty on _____ Serial No.) _____, the United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd. of 3-16-11 Nishi Shimbashi, Minato-ku, Tokyo, 105-8460, Japan and Nara Institute of Science and Technology of 8916-5 Takayama, Ikoma, Nara, 630-0101, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals 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:

Rabin & Berdo, PC

All practitioners at Customer Number 23995.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, 7th, August, 2008

WITNESS:**ASSIGNOR:**

Signature: Hiroshi Iizuka

Signature: M. Nakamura

Name: Masahide NAKAMURA

Rabin & Berdo, PC

PATENT**REEL: 021528 FRAME: 0797**

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENTWHEREAS Yusuke FUKUOKA

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to GATEWAY DEVICE ALLOWING HOME NETWORK APPLIANCES TO BE INTRODUCED AND CONTROLLED OVER A NETWORK AND A CONTROL METHOD THEREFOR

[X] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[] said application having been filed in the United States Patent and Trademark Office on, _____ authorization being hereby given to the practitioners associated with the Customer Number 23995, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

[] said application having been filed under the Patent Cooperation Treaty on _____ Serial No.) _____, the United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd. of 3-16-11 Nishi Shimbashi, Minato-ku, Tokyo, 105-8460, Japan and Nara Institute of Science and Technology of 8916-5 Takayama, Ikoma, Nara, 630-0101, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

AND Assignors hereby grant the following individuals 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:

Rabin & Berdo, PC

All practitioners at Customer Number 23995.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

EXECUTED, August 9, 2008

WITNESS:

ASSIGNOR:

Signature: Shoichi Fukuoka

Signature: Yusuke Fukuoka

Name: Yusuke FUKUOKA

Rabin & Berdo, PC

PATENT

RECORDED: 08/29/2008

REEL: 021528 FRAME: 0798