

11-02-2006

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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):

Kosuke Hayama (10/17/2006) and Keisuke Saito (10/17/2006)

Additional name(s) of conveying party(ies) 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

2. Name and address of receiving party(ies)

Name: OMRON CORPORATION

Internal Address:

Street Address:

801 Minamifudodo-cho, Horikawahigashiiru
Shiokoji-dori, Shimogyo-ku, Kyoto-shi
Kyoto 600-8530
JAPAN

City:

State:

Country: Zip:

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

4. Application or patent number(s):

A. Patent Application No.(s)
NEW

☒ 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: Thomas J. D'Amico
DICKSTEIN SHAPIRO LLP

Internal Address: Atty. Dkt.: N0520.0062/P062

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State: DC Zip: 20006-5403

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Email Address: DAmicoT@dicksteinshapiro.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 1002
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Authorized User Name

9. Signature:

Signature

October 27, 2006

Date

Thomas J. D'Amico - 28,371

Name of Person Signing

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

4

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10/30/2006 ZJUHA1 00000026 11588273

04 FC:8021

(40.00 OP)

DSMDB-2163892v01

PATENT
REEL: 018470 FRAME: 0702

ASSIGNMENT

THIS ASSIGNMENT, made this 17th day of October, 2006 by:

- (a) Kosuke HAYAMA
- (b) Keisuke SAITO
- (c) _____
- (d) _____
- (e) _____

(hereinafter referred to as the assignors), respectively residing at

- (f) Kyoto, Japan
- (g) Kyoto, Japan
- (h) _____
- (i) _____
- (j) _____

witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in
ANTENNA AND RFID TAG set forth
in an application for Letters Patent of the United States, executed on a) October 17, 2006, b) October 17, 2006,
c) _____; d) _____; and e) _____ respectively, or has already been
filed as U.S. application Serial No. _____, filed on _____.

WHEREAS, OMRON CORPORATION a corporation duly organized under and
pursuant to the laws of Japan having its principal place of business at 801, Minamifudodo-cho,
Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku,
Kyoto-shi, Kyoto 600-8530 Japan hereinafter referred to as the
assignee) is desirous of acquiring the entire right, title and interest in and to said inventions
and said application for Letters Patent of the United States, and in and to any Letters Patent or
Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
sufficient considerations, the receipt of which is hereby acknowledged, the said assignor(s)
have sold, assigned, transferred as set over, and by these presents do sell, assign, transfer and
set over, unto the assignee, its successors, legal representatives and assigns, the entire right,

title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters patent or Patents in the United States of America which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor(s), had this sale and assignment not been made.

AND for the same consideration, the said assignor(s) hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor(s) is/are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignor(s) hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignor(s) will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said assignee, its successors, legal representatives and assigns.

AND said assignor(s) hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee, as the assignee of said inventions and the Letters patent to be issued thereon for the sole use and benefit of the said assignee, its successors, legal representatives and assigns.

AND said assignor(s) the undersigned hereby grant(s) 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 Office for recordation of this document:

DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP

Gary M. Hoffman, Reg. No. 26,411; Thomas J. D'Amico, Reg. No. 28,371; Donald A. Gregory, Reg. No. 28,954; James W. Brady, Jr., Reg. No. 32,115; Jon D. Grossman, Reg. No. 32,699; Mark J. Thronson, Reg. No. 33,082; Eric Oliver, Reg. No. 35,307; John A. Wasleff, Reg. No. 36,047; Laurence E. Fisher, Reg. No. 37,131; John Fuisz, Reg. No. 37,329; Robert L. Hails, Jr., Reg. No. 39,702; William E. Powell, III, Reg. No. 39,803; and James M. Silbermann, Reg. No. 40,413.

AND the said assignor(s) acknowledge an obligation of assignment of this invention to said assignee at the time the invention was made.

Date October 17, 2006 Assignor Kosuke Hayama

Date October 17, 2006 Assignor Keiichi Sano

Date _____ Assignor _____

Date _____ Assignor _____

Date _____ Assignor _____

* This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither then it should be signed before at least two witnesses who also sign here.

Date: _____ Witness: _____

Date: _____ Witness: _____