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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

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

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: **February 14, 2006**

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

Name: **TOSHIBA TEC KABUSHIKI KAISHA**Street Address: **2-17-2, Higashigotanda**City: **Shinagawa-ku** State: **Tokyo**Country: **JAPAN** Zip: \_\_\_\_\_Additional name(s) of receiving party(ies) attached? ☐ Yes ☒ 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: February 14, 2006

A. Patent Application No.(s):

B. Patent No.(s):

Additional number(s) attached? ☐ Yes ☒ No

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

Customer No.: **000,116**Name: **Michael W. Garvey**  
**Pearne & Gordon, LLP**Street Address: **1801 East 9th Street**  
**Suite 1200**City: **Cleveland** State: **OH** Zip: **44114-3108**6. Total number of applications and patents involved: **1**7. Total Fee (37 C.F.R. §3.41) ..... **\$40.00**

- ☒ Enclosed  
☒ Authorized to be charged to Deposit Account  
for any uncovered fees

## 8. Deposit Account No.

**16-0820, Order No. 39800**

(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 W. Garvey  
Name of Person Signing  
SignatureFebruary 27, 2006  
DateTotal number of pages including cover sheet, attachments, and document: **3**

# ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

## WIRELESS TAG READER AND WRITER

[ X ] and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office.

[ ] for which an application for Letters Patent of the United States was filed on \_\_\_\_\_, which application is identified by Serial No. \_\_\_\_\_.

WHEREAS, TOSHIBA TEC KABUSHIKI KAISHA, a corporation of **Japan**, having a place of business at 2-17-2, Higashigotanda, Shinagawa-ku, Tokyo, Japan, hereinafter referred to as "assignees", are desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignees, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignees' request any and all applications, affidavits,

assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignees, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignees as owners of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignees as owners of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name: Toshiaki OSHIRO  
Signature: Toshiaki Oshiro  
Today's Date: February 14, 2006  
Witness: \_\_\_\_\_  
Witness: \_\_\_\_\_

(2) Inventor Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Today's Date: \_\_\_\_\_  
Witness: \_\_\_\_\_  
Witness: \_\_\_\_\_

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