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Tomoko ADACHI  
Toshihisa NABETANI  
Tomoya TANDAI  
Katsuya NONIN  
Satoshi KABURAKI

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

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

Name: KABUSHIKI KAISHA TOSHIBA  
Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

3. Nature of Conveyance:

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

Execution Date: May 22, 22, 22, 25, and 25, 2006

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

☐ This document is being filed together with a new application

A. Patent Application No.(s)

11/417,134

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Customer Number

22850

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6. Total applications and patents involved: 1

7. Total fee (37 CFR 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.*

Eckhard H. Kuesters  
Name of Person Signing

*Joseph Scafetta Jr.*  
Signature

JUN 30 2006  
Date

Registration Number: 28,870

Joseph Scafetta, Jr.  
Registration No. 26,303

Total number of pages including this cover sheet: 3

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07/05/2006 HALI11 00000055 11417134

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(40.00 OP)

**PATENT**  
**REEL: 018062 FRAME: 0817**

# Assignment of Application

WHEREAS, I (WE) Tomoko ADACHI, Toshihisa NABETANI, Tomoya TANDAI, Katsuya NONIN and  
Satoshi KABURAKI of:

c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku,  
Tokyo, Japan

, respectively,

have invented certain new and useful improvements in: WIRELESS COMMUNICATION SYSTEM

(Application No. 11/417,134, filed May 4, 2006), and

WHEREAS, Kabushiki Kaisha Toshiba

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

06/04

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: May 22nd, '06

Tomoko Adachi  
(Signature of Inventor) Tomoko ADACHI

Date: May 22nd, 2006

Toshihisa Nabetani  
(Signature of Inventor) Toshihisa NABETANI

Date: May 22nd, 2006

Tomoya Tandai  
(Signature of Inventor) Tomoya TANDAI

Date: T.T. May 25, 2006  
May 22nd, 2006

T.T. Y. T.T. Katsuya Nonin  
Tomoya Tandai  
(Signature of Inventor) Katsuya NONIN

Date: May 25, 2006

Satoshi Kaburaki  
(Signature of Inventor) Satoshi KABURAKI

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
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1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

06/04

RECORDED: 06/30/2006

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REEL: 018062 FRAME: 0819