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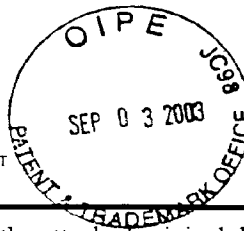
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Ren SAKATA, Syuichi SEKINE, Mutsumu SERIZAWA, Hiroki SHOKI, Hiroshi TSURUMI, Shuichi OBAYASHI, Tomoko ADACHI, Kiyoshi TOSHIMITSU and Tsuguhide AOKI

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

3. Nature of Conveyance:

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

Execution Date: May 7, 7, 7, 7, 7, 15, 7, 7, 7, 2003

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

Name: KABUSHIKI KAISHA TOSHIBA

Address: 1-1, Shibaura 1-Chome,
Minato-Ku, Tokyo, Japan

9-3-03

Additional name(s) and address(es) 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:

A. Patent Application No.(s)

10/440,115

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



22850

6. Total applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
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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 A. Scafetta Jr.
Signature

Sept. 3, 2003
Date

Registration Number: 28,870

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PATENT
REEL: 014522 FRAME: 0691

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____ は、

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- ☐ ここに私/私達により署名され、
☐ _____ に私/私達により（それぞれ）署名され、
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その発明は

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Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the undersigned,

Ren SAKATA, Syuichi SEKINE, Mutsumu SERIZAWA, Hiroki SHOKI, Hiroshi TSURUMI, Shuichi OBAYASHI, Tomoko ADACHI, Kiyoshi TOSHIMITSU and Tsuguhide AOKI,

who have created a certain invention for which an application for United States Letters Patent

- ☒ executed by ME/US on even date herewith,
☐ executed by ME/US on _____, (respectively),
☐ filed on _____
 and assigned Serial No. _____,
☐ filed as International Application No. _____ filed on _____,
 and entitled:

"WIRELESS COMMUNICATION AND WIRELESS COMMUNICATION APPARATUS"

Do hereby sell, assign and transfer to **KABUSHIKI KAISHA TOSHIBA**, a corporation of Japan, having a place of business at 1-1, Shibaura 1-Chome, Minato-Ku, Tokyo, Japan, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and 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, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **KABUSHIKI KAISHA TOSHIBA**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

そして、私／私達は、この書面により譲渡された権利や財産に影響する、如何なる譲渡、授權、抵当権、ライセンス等その他の協定も他の第三者との間で行っていないこと； 下記に署名した私／私達によって、この書面に記載されている権利が所有されていることを、当該譲受人、後継者、被譲渡者、及び法定代理人に対して誓約するものである。

さらに、下記に署名した私／私達は、この譲渡書は英語の部分の表現によってのみ解釈されることに同意する。

上記を証明するため、私／私達は下記日付で署名する。

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I/WE, the undersigned do further agree that this Assignment is to be construed solely according to the terms of the English language portions thereof.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature seal on the date indicated below.

| | | | |
|----------------|----|--|----------------------|
| 唯一または第一発明者名 | | Full name of sole or first inventor Ren SAKATA | |
| 発明者の署名 | 日付 | Inventor's signature <i>Ren Sakata</i> | Date May 7, 2003 |
| 第二共同発明者 (いる場合) | | Full name of second joint inventor, if any Syuichi SEKINE | |
| 第二共同発明者の署名 | 日付 | Second Inventor's signature <i>Syuichi Sekine</i> | Date May 7, 2003 |
| 第三共同発明者 (いる場合) | | Full name of third joint inventor, if any Mutsumu SERIZAWA | |
| 第三共同発明者の署名 | 日付 | Third Inventor's signature <i>Mutsumu Serizawa</i> | Date May 7, 2003 |
| 第四共同発明者 (いる場合) | | Full name of fourth joint inventor, if any Hiroki SHOKI | |
| 第四共同発明者の署名 | 日付 | Fourth Inventor's signature <i>Hiroki Shoki</i> | Date May 7, 2003 |
| 第五共同発明者 (いる場合) | | Full name of fifth joint inventor, if any Hiroshi TSURUMI | |
| 第五共同発明者の署名 | 日付 | Fifth Inventor's signature <i>Hiroshi Tsurumi</i> | Date May 7, 2003 |
| 第六共同発明者 (いる場合) | | Full name of sixth joint inventor, if any Shuichi OBAYASHI | |
| 第六共同発明者の署名 | 日付 | Sixth Inventor's signature <i>Shuichi Obayashi</i> | Date May 15, 2003 |
| 第七共同発明者 (いる場合) | | Full name of seventh joint inventor, if any Tomoko ADACHI | |
| 第七共同発明者の署名 | 日付 | Seventh Inventor's signature <i>Tomoko Adachi</i> | Date May 7, 2003 |
| 第八共同発明者 (いる場合) | | Full name of eighth joint inventor, if any Kiyoshi TOSHIMITSU | |
| 第八共同発明者の署名 | 日付 | Eighth Inventor's signature <i>Kiyoshi Toshimitsu</i> | Date May 7, 2003 |

| | | | |
|-----------------|----|---|---------------------|
| 第九共同発明者 (いる場合) | | Full name of ninth joint inventor, if any Tsuguhide AOKI | |
| 第九共同発明者の署名 | 日付 | Ninth Inventor's signature | Date May 7, 2003 |
| 第十共同発明者 (いる場合) | | Full name of tenth joint inventor, if any | |
| 第十共同発明者の署名 | 日付 | Tenth Inventor's signature | Date |
| 第十一共同発明者 (いる場合) | | Full name of eleventh joint inventor, if any | |
| 第十一共同発明者の署名 | 日付 | Eleventh Inventor's signature | Date |
| 第十二共同発明者 (いる場合) | | Full name of twelfth joint inventor, if any | |
| 第十二共同発明者の署名 | 日付 | Twelfth Inventor's signature | Date |
| 第十三共同発明者 (いる場合) | | Full name of thirteenth joint inventor, if any | |
| 第十三共同発明者の署名 | 日付 | Thirteenth Inventor's signature | Date |
| 第十四共同発明者 (いる場合) | | Full name of fourteenth joint inventor, if any | |
| 第十四共同発明者の署名 | 日付 | Fourteenth Inventor's signature | Date |
| 第十五共同発明者 (いる場合) | | Full name of fifteenth joint inventor, if any | |
| 第十五共同発明者の署名 | 日付 | Fifteenth Inventor's signature | Date |
| 第十六共同発明者 (いる場合) | | Full name of sixteenth joint inventor, if any | |
| 第十六共同発明者の署名 | 日付 | Sixteenth Inventor's signature | Date |
| 第十七共同発明者 (いる場合) | | Full name of seventeenth joint inventor, if any | |
| 第十七共同発明者の署名 | 日付 | Seventeenth Inventor's signature | Date |
| 第十八共同発明者 (いる場合) | | Full name of eighteenth joint inventor, if any | |
| 第十八共同発明者の署名 | 日付 | Eighteenth Inventor's signature | Date |