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

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

Name: KABUSHIKI KAISHA TOSHIBA
Address: 1-1, Shibaura 1-Chome, Minato-Ku,
Tokyo, JAPANAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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- ☒ Assignment ☐ Merger
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Execution Date: June 4, 4, 4, 4, 4, 4, 13 and 4, 2003

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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)

10/440,114

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

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 SigningJoseph A. Scafetta, Jr.
SignatureSept. 5, 2003
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PATENT
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ある発明を創出し、これについて合衆国特許出願は

- ☐ ここに私/私達により署名され、
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Assignment

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

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

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 May 19, 2003
and assigned Serial No. 10/440,114
☐ filed as International Application No. _____ filed on _____,
and entitled:

"WIRELESS COMMUNICATION SYSTEM,
WIRELESS BASE STATION, WIRELESS
TERMINAL AND METHOD OF WIRELESS
COMMUNICATION"

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。

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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 Tsuguhide AOKI
発明者の署名 日付	Inventor's signature Date <i>Tsuguhide Aoki</i> June 4, 2003
第二共同発明者 (いる場合)	Full name of second joint inventor, if any Tomoko ADACHI
第二共同発明者の署名 日付	Second Inventor's signature Date <i>Tomoko Adachi</i> June 4, 2003
第三共同発明者 (いる場合)	Full name of third joint inventor, if any Kiyoshi TOSHIMITSU
第三共同発明者の署名 日付	Third Inventor's signature Date <i>Kiyoshi Toshimitsu</i> June 4, 2003
第四共同発明者 (いる場合)	Full name of fourth joint inventor, if any Syuichi SEKINE
第四共同発明者の署名 日付	Fourth Inventor's signature Date <i>Syuichi Sekine</i> June 4, 2003
第五共同発明者 (いる場合)	Full name of fifth joint inventor, if any Mutsumu SERIZAWA
第五共同発明者の署名 日付	Fifth Inventor's signature Date <i>Mutsumu Serizawa</i> June 4, 2003
第六共同発明者 (いる場合)	Full name of sixth joint inventor, if any Hiroki SHOKI
第六共同発明者の署名 日付	Sixth Inventor's signature Date <i>Hiroki Shoki</i> June 4, 2003
第七共同発明者 (いる場合)	Full name of seventh joint inventor, if any Hiroshi TSURUMI
第七共同発明者の署名 日付	Seventh Inventor's signature Date <i>Hiroshi Tsurumi</i> June 4, 2003
第八共同発明者 (いる場合)	Full name of eighth joint inventor, if any Shuichi OBAYASHI
第八共同発明者の署名 日付	Eighth Inventor's signature Date <i>Shuichi Obayashi</i> June 13, 2003

第九共同発明者 (いる場合)		Full name of ninth joint inventor, if any Ren SAKATA	
第九共同発明者の署名	日付	Ninth Inventor's signature	Date
		<i>Ren Sakata</i>	June 4, 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