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Date: February 18, 2004

Name: Ana Suarez

Signature: *Ana Suarez*
Schulte Roth & Zabel LLP

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Docket No. 848075-0054

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| <u>Conveying party(ies):</u> | |
| Fangwei Tong | 2/5/2004 |
| Masanori Kato | 2/5/2004 |

| | |
|---|--|
| <u>Receiving parties:</u> | |
| (1) KYOCERA CORPORATION 6 Takedatobadono-cho Fushimi-ku, Kyoto-shi, Kyoto, Japan | |
| (2) KDDI CORPORATION 3-2 Nishi-Shinjuku 2-chome Shinjuku-ku Tokyo, Japan | |

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Application or Patent Number(s):

Enter either Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for same property)

Patent Application Number(s)

10/661,874

Patent Number(s)

If this document is being filed together with a new application, the application was signed by the first named executing inventor on: _____

Correspondence Address:

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Number of Properties:

Total number of properties involved: 1

Fee:

Total fee under 37 CFR 1.21(h) (\$40/pcr)

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John J. Skinner, Jr.
Signature

February 18, 2004

Date

CH \$40.00 500675 10661874

2/18/2004
00:00:00ASSIGNMENT

WHEREAS, (1)Fangwei Tong; and (2)Masanori Kato, citizen of China, and Japan, residing at Tokyo, Japan, and Yokohama-shi, Japan, (hereinafter referred to as "the Assignor(s)") have invented certain new and useful improvements in ANTENNA ARRAY SYSTEM, METHOD OF CONTROLLING THE DIRECTIVITY PATTERN THEREOF, AND MOBILE TERMINAL, for which an application for U.S. Letters Patent was filed on September 11, 2003 and bears Serial No. 10/661,874 and

WHEREAS, (1)KYOCERA CORPORATION; and (2)KDDI CORPORATION, having a principal place of business at (1)6, Takedatobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto, Japan; and (2) 3-2, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan (hereinafter "the Assignee") is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor(s) have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the Assignee the full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be

issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignors hereby authorize the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assign, sell, transfer and set over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignors further covenant to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

Date: January 5, 2004

Fangwei Tong
Fangwei Tong

Date: January 5, 2004

Masanori Kato
Masanori Kato