

11-08-2005

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECC



103115351

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

KALHAN, Amit
DUNN, Doug
CHANG, Henry
KHALONA, Ramon

Execution Date(s) 10/31/05; 10/31/05; 10/31/05; 10/31/05

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: KYOCERA CORPORATION

Internal Address: _____

Street Address: 6 Takeda Tobadono-cho

City: Fushimi-ku, Kyoto

State: _____

Country: Japan Zip: 612-8501

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/04/2006 FFANAIA2 00000027 11263893

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

Name: KYOCERA WIRELESS CORP.

Internal Address: _____

Street Address: Attn: Intellectual Property Department
P.O. Box 928289

City: San Diego

State: CA Zip: 92192-8289

Phone Number: 858-882-2000

Fax Number: 858-882-2485

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 9080
Expiration Date 08/07

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

Oct 31, 2005

Date

Jonathan Velasco, Esq.

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 017182 FRAME: 0469

COPY

Attorney Docket No.: TUTL 00027

ASSIGNMENT

For valuable consideration, we, **Amit KALHAN** of 8791 Gilman Drive, Unit B, La Jolla, California 92037, **Doug DUNN** of 1033 Abeto Court, Chula Vista, California 91910, **Henry CHANG** of 12676 Crest Knolls Court, San Diego, California 92130, and **Ramon KHALONA** of 3267 Madison Street, Carlsbad, California 92008, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan 612-8501; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by us, entitled **WIRELESS COMMUNICATION CODING AND TRANSMISSION SYSTEMS AND METHODS**, having Attorney Docket No. TUTL 00027, filed OCT. 31, 2005, and awaiting allocation of a U.S. Application Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: _____

Amit KALHAN

Date: _____

Doug DUNN

Date: _____

Henry CHANGDate: 10/31/05

Ramon KHALONA

PATENT

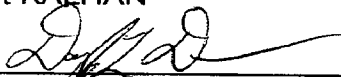
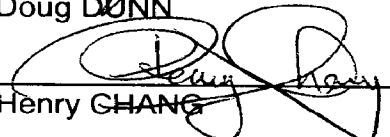
EEL: 017182 FRAME: 0470

COPY

Attorney Docket No.: TUTL 00027

ASSIGNMENT

For valuable consideration, we, **Amit KALHAN** of 8791 Gilman Drive, Unit B, La Jolla, California 92037, **Doug DUNN** of 1033 Abeto Court, Chula Vista, California 91910, **Henry CHANG** of 12676 Crest Knolls Court, San Diego, California 92130, and **Ramon KHALONA** of 3267 Madison Street, Carlsbad, California 92008, hereby assign to **KYOCERA CORPORATION**, a Japanese corporation having a place of business at 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto, Japan 612-8501; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States patent signed by us, entitled **WIRELESS COMMUNICATION CODING AND TRANSMISSION SYSTEMS AND METHODS**, having Attorney Docket No. TUTL 00027, filed OCT. 31, 2005, and awaiting allocation of a U.S. Application Number _____, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention of the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: 10-31-05
Amit KALHANDate: 10/31/2005
Doug DUNNDate: 10/31/05
Henry CHANG

Date: _____

Ramon KHALONA