

RE



103075291

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):**

Henry CHANG  
Gregory POILASNE  
Jorge FABREGA-SANCHEZ

Execution Date(s) 02/16/05; 02/16/05; 02/16/05

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 "Corrective" Assignment; reel/frame: 016316 / 0502

**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)

11/062,242

B. Patent No.(s)

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:**

David J. Huffaker  
Signature

8-30-05

Date

09/06/2005 DBYRNE 00000003 11062242

01 FC:0011

David J. Huffaker, 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

2/17/05

03-04-2005

**COPY**Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECO

102953345

PATENT

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):

Henry CHANG  
Gregory POILASNE  
Jorge FABREGA-SANCHEZ

Execution Date(s) 02/16/05; 02/16/05; 02/16/05

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

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

Name: KYOCERA WIRELESS CORP.

Internal Address: \_\_\_\_\_

Street Address: 10300 Campus Point Drive

City: San Diego

State: CA

Country: USA

Zip: 92124

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

## 3. Nature of conveyance:

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

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

A. Patent Application No.(s)

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

B. Patent No.(s)

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) &amp; 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

Date

Kathleen Connell

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

02/25/2005 EHAILE1 00000045 11062242

84 FC:8021


40.00 DP

PATENT  
REEL: 016944 FRAME: 0945

# COPY

## ASSIGNMENT

For valuable consideration, we, **Henry CHANG** of 12676 Crest Knolls Court, San Diego, California 92130, **Gregory POILASNE** of 1331 Granada Avenue, San Diego, California 92102, and **Jorge FABREGA-SANCHEZ** of 4092 Crown Point Drive #2, San Diego, California 92109, 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, **MOBILE STATION ACCESS AND IDLE STATE ANTENNA TUNING SYSTEMS AND METHODS**, having attorney docket number TUTL 00011, filed FEBRUARY 17, 2005, and having a U.S. application number 11/062,242, yet to be assigned, 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: 2/16/05  
Henry CHANGDate: 2/16/05  
Gregory POILASNEDate: 2/16/05  
Jorge FABREGA-SANCHEZ