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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):**

TRAN, Allen

Execution Date(s) 02/20/03

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: 92121

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):**

This document is being filed together with a new application.

A. Patent Application No.(s)  
10/371,566

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

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**9. Signature:**

Signature

Oct 27 2004

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:  
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11/03/2004 6TON11 00000143 10371566

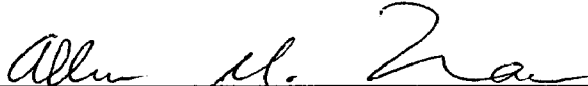
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**PATENT**  
**REEL: 015946 FRAME: 0546**

**ASSIGNMENT**

For valuable consideration, I, Allen Tran, 10925 Corte Mejilones, San Diego, CA 92130 hereby assign to: KYOCERA WIRELESS CORP., a DELAWARE corporation having a place of business at 10300 Campus Point Drive, San Diego, California 92121; 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 me, entitled EFFECTIVELY BALANCED DIPOLE MICROSTRIP ANTENNA, filed 02/21/2003 and assigned U.S. Serial Number 10/371,566, and I 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 I authorize the Assignee to apply in all countries in my 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 I 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: 2/20/03  
Allen Tran