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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):

VACCARO, Thomas
IRELAND, Marshall

Execution Date(s) 01/18/06, 02/01/06

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 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

4. Application or patent number(s):

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

A. Patent Application No.(s)
11/313,109

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
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b. Deposit Account Number

Authorized User Name

9. Signature:

03/07/2006 DBYRNE 00000184 11313109

Signature

Date

Jonathan Velasco, Esq.

Name of Person Signing

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

3

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
UTL 00574

PATENT
REEL: 017633 FRAME: 0017

COPY

Attorney Docket No.: UTL 00574

ASSIGNMENT

For valuable consideration, I, **Thomas VACCARO**, of 1186 Eolus Ave., Encinitas, CA 92024, 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 assign (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, **WIRELESS MULTI-MODE SYSTEM AND METHOD**, having Attorney Docket No. UTL 00574, filed December 19, 2005, and awaiting allocation of a U.S. Application No.: 11/313,109, 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 including patents issuing from utility patent, continuation, divisional, continuation-in-part and other like applications, 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 inventor certificate for said inventions and improvements; and I agree for myself and my 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: 1/18/06


Thomas VACCARO

COPY

Attorney Docket No.: UTL 00574

ASSIGNMENT

For valuable consideration, I, **Marshall IRELAND**, of 4085 Crystal Dawn Lane #205, San Diego, California 92122, 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 assign (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, **WIRELESS MULTI-MODE SYSTEM AND METHOD**, having Attorney Docket No. UTL 00574, filed DEC. 19, 2006, and awaiting allocation of a U.S. Application No.: 11/313, 109, 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 including patents issuing from utility patent, continuation, divisional, continuation-in-part and other like applications, 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 inventor certificate for said inventions and improvements; and I agree for myself and my 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: 2/1/06

Marshall IRELAND