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Attorney Docket No. 021245-000310US

U.S. DEPARTMENT OF COMMERCE
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1. Name of conveying party(ies)/Execution Date(s):

Vincent K. Jones, IV

Execution Date(s) August 4, 2004

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: Airgo Networks, Inc.

Internal Address: _____

Street Address: 900 Arastradero Road

City: Palo Alto

State: CA

Country: US Zip: 94304-1332

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

4. Application or patent number(s):

A. Patent Application No.(s)

10/823,087

☐ 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: Cathy E. Cretsinger

Internal Address: _____

TOWNSEND AND TOWNSEND AND CREW LLP

Street Address: Two Embarcadero Center,
Eighth Floor

City: San Francisco

State: California Zip: 94111-3834

Phone Number: (415) 576-0200

Fax Number: (415) 576-0300

Email Address: cec@townsend.com

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 _____
Expiration Date _____

b. Deposit Account Number 20-1430

Authorized User Name _____

9. Signature:

Cathy E. Cretsinger
Signature

Cathy E. Cretsinger

Name of Person Signing Atty. Reg. No. 51,588

August 19, 2004

Date

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:
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NXP - Exhibit 1015 - Page 1

PATENT
REEL: 015715 FRAME: 0656

1. Additional name(s) of conveying party(ies):
(Continued from Page 1)

James Gardner - August 4, 2004
D.J. Richard van Nee - August 4, 2004

2. Additional name(s) and address(es) of receiving party(ies):
(Continued from Page 1)

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

A. Patent Application No.(s)

B. Patent No.(s)

v

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, (1) **VINCENT K. JONES, IV** of 2060 Seabrook Court, Redwood City, CA 94065; (2) **JAMES GARDNER** of 132 Woodland Valley Drive, San Ramon, CA 94583; and (3) **D.J. RICHARD VAN NEE** of Mauritslaan 57, De Meern, 3454 XR Netherlands, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: CHANNEL ESTIMATION FOR OFDM
COMMUNICATION SYSTEMS INCLUDING IEEE
802.11A AND EXTENDED RATE SYSTEMS

Filing Date: April 12, 2004

Application No.: 10/823,087; and

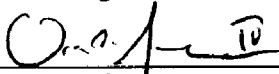
WHEREAS, Airgo Networks, Inc., a corporation of the state of Delaware, located at 900 Arastradero Road, Palo Alto, CA 94304-1332, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

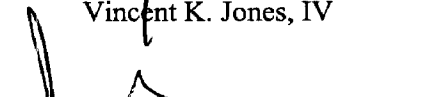
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 8/4/04



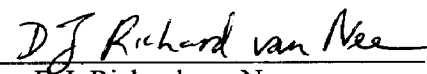
Vincent K. Jones, IV (1)

Dated: 8/4/04



James Gardner (2)

Dated: August 4, 2004



D.J. Richard van Nee (3)

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