Form PTO-1595 (Rev. 08/05) Doc Code: OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Offic
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1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Hanan Luss Wai Chen	Name: Telcordia Technologies, Inc.
War Circa	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: One Telcordia Drive 5G116
3. Nature of conveyance/Execution Date(s);	One recording prive series
Execution Date(s) 1/25/2008, 1/23/2008	
🖺 Assignment 🗆 Merger	City: Piscataway
☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement	State: New Jersey
Government Interest Assignment	Country: <u>US</u> Zip: <u>08854</u>
☐ Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	
A. Patent Application No.(s)	B. Patent No.(s)
11/800,849	
Additional numbers attached? ☐ Yes 🔀 No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Joseph A. D'Avanzo	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Teleordia Technologies, Inc.	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: One Telcordia Drive 5G116	☐ Enclosed
	☐ None required (government interest not affecting title)
City: Piscataway	8. Payment Information
State: NJ Zip: 08854-4157	a. Credit Card Last 4 Numbers
Phone Number: (732) 699-3673	Expiration Date
Fax Number: (732) 336-3004	b. Deposit Account Number 021822
Email Address: jdavanzo@telcordia.com	Authorized User Name Joseph A. D'Avanzo
9. Signature: Och O. Borrow	0 4/18/2008
Signature)	Date
Joseph A. D'Avanzo	Total number of pages including 3
Name of Person Signing	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 020831 FRAME: 0180

3/4

Atty. Docket: APP 1780

ASSIGNMENT OF APPLICATION

WHEREAS, I/we, Hanan Luss and Wai Chen, have invented certain useful improvements in "Methods for Optimal Multi-Channel Assignments in Vehicular Ad-Hoc Networks" described in an application for Letters Patent; and

WHEREAS, I/we, hereby authorize and request my/our attorney to insert below the filing date and application number when they become known to comply with 37 CFR 3.21 for recordal of this assignment: U. S. Application No. 11/800,849 filed on May 8, 2007, and

WHEREAS, Telcordia Technologies, Inc., a corporation of the State of Delaware, having a place of business at One Teleordia Drive, Piscataway, NJ 08854-4157, United States of America, for the benefit of itself and its successors and assigns, all inclusively hereinafter referred to as "Assignee", is desirous of acquiring all rights, title, and interest in and to said application, all inventions disclosed therein, and any and all Letters Patent of the United States of America, and of all other countries, which may be granted for said inventions, or any of them; and

WHEREAS, I/we hereby represent and warrant to Assignce that I/we have, with respect to third parties, full and unencumbered rights, title, and interest in and to said application, inventions, and Letters Patent, and further that I/we may freely assign the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/we do hereby sell, assign, and transfer to Assignee all my/our rights, title, and interest in and to said application, including all priority rights arising therefrom, all inventions disclosed therein, and all divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and of all other countries, and all reissues thereof, which may be granted for said inventions, or any of them, together with the right to make application for any and all of the same;

TO HAVE, HOLD, AND ENJOY said inventions, said application and rights, and said Letters Patent, or any of them, to its own use and behoof to the full end of the term or terms for which said applications may endure and for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment not been made;

AND I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks to issue or reissue such Letters Patent as may be granted on said application, on any division or continuation thereof, or for said inventions, or any of them, to Assignee in accordance with the terms of this instrument;

AND I/WE HEREBY agree that I/we shall, at the request of Assignee and without demand of further consideration, but at no expense to me/us, do all lawful and just acts, including execution and acknowledgment of instruments, furnishing information, and giving testimony, particularly in the event of interference or litigation, indicated by counsel for Assignee to be necessary for obtaining, maintaining, and perfecting the property rights, or any of them, hereby assigned.

IN WITNESS WHEREOF, I/we hereunto set my/our hand and seal on the day and year indicated.

Date: 1/5/09

PATENT

APR-18-08 15:23 FROM: TELCORDIA TECHNOLOGIES

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4/4

Atty. Docket: APP 1780

IN WITNESS WHEREOF, I/we hereunto set my/our hand and seal on the day and year indicated.

Wai Chen

Date: 1/23/2008

PATENT

REEL: 020831 FRAME: 0182

RECORDED: 04/18/2008

REEL: 020831 FRAME: 0183