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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.	
Name of conveying party(les)	2. Name and address of receiving party(ies) Name: Telcordia Applied Research Center Talwan Company
Chung-Min Chen, Yen-Cheng Lai Wanjiun Liao, Phone Lin	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s):	Street Address: Suite E-453, 4F, No. 19-13, San Chung Road
Execution Date(s) 7/19/11, 7/18/11, 7/14/11, 7/14/11	Nan Kang District 115
Assignment Merger Security Agreement Change of Name	City: Taipei
Joint Research Agreement	State:
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: Taiwan Zip:
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)
13/110,118	
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 D'Avanzo	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address: Telcordia Technologies, Inc.	
	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: New Jersey Zip: 08854	
Phone Number: 732-699-3673	021922
Docket Number: APP 2001	Deposit Account Number 021822
Email Address: joseph.d.avanzo@ericsson.com	
Ciridii Address. 1444	Authorized User Name_Joseph D'Avanzo
9. Signature: Signature	Authorized User Name Joseph D'Avanzo 12/06/2012 Date
9. Signature: Signature Joseph D'Avanzo	12/06/2012 Date Total number of pages including cover 5
9. Signature: Signature Joseph D'Avanzo Name of Person Signing	12/06/2012 Date

PATENT

REEL: 029470 FRAME: 0615

ASSIGNMENT OF APPLICATION

WHEREAS, I/we, Chung-Min Chen, Yen-Cheng Lai, Wanjiun Liao and Phone Lin have invented certain useful improvements in "A Region-Based Clustering Mechanism for Channel Access 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. 13/110,118 filed on May 18, 2011; and

WHEREAS, Teleordia Applied Research Center Taiwan Company., having a place of business at Suite E-453, 4F, No. 19-13, San Chung Road, Nan Kang District 115, Taipei City, Taiwan, Republic of China, for the benefit of itself and its successors and assigns, all inclusively hereinafter referred to as "Assignce", 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 Assignee 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 Assignce 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 on the day and year indicated.

Date: 7/19/2011

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

Ven-Cheng Lai

Date: 7-18-2011

PATENT REEL: 029470 FRAME: 0617

IN WITNESS WHEREOF, live hereunto set mylour hand on the day and year indicated.

PATENT REEL: 029470 FRAME: 0618

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

Phone Lin

Date: July 14, S

PATENT REEL: 029470 FRAME: 0619