

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joseph Charles Liberti Jr.</td> <td>05/01/2001</td> </tr> <tr> <td>Shimon Moshavi</td> <td>05/08/2001</td> </tr> <tr> <td>Paul Gerald Zablocky</td> <td>05/03/2001</td> </tr> </tbody> </table>		Name	Execution Date	Joseph Charles Liberti Jr.	05/01/2001	Shimon Moshavi	05/08/2001	Paul Gerald Zablocky	05/03/2001
Name	Execution Date								
Joseph Charles Liberti Jr.	05/01/2001								
Shimon Moshavi	05/08/2001								
Paul Gerald Zablocky	05/03/2001								
RECEIVING PARTY DATA									
Name:	Telcordia Technologies, Inc.								
Street Address:	445 South Street								
City:	Morristown								
State/Country:	NEW JERSEY								
Postal Code:	07960								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13365757</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13365757				
Property Type	Number								
Application Number:	13365757								
CORRESPONDENCE DATA									
Fax Number:	(312)277-2397								
Phone:	312-577-7000								
Email:	ehernandez@fitcheven.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	FITCH EVEN TABIN & FLANNERY								
Address Line 1:	120 S. LaSalle Street								
Address Line 2:	Suite 1600								
Address Line 4:	Chicago, ILLINOIS 60603-3406								
ATTORNEY DOCKET NUMBER:	101198 (EH)								
NAME OF SUBMITTER:	Nicholas T. Peters								
Total Attachments: 3 source=101198_ASN#page1.tif source=101198_ASN#page2.tif source=101198_ASN#page3.tif									

CH \$40.00 13365757

**ASSIGNMENT OF APPLICATION**

**WHEREAS**, I/we, Joseph Charles Liberti, Jr., Shimon Moshavi and Paul Gerald Zablocky have invented certain useful improvements in "**Combined Adaptive Processing and Multi-User Detection For CDMA Wireless Systems**" 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. 09 / 813,491  
filed on March 21, 2001; and

**WHEREAS**, Telcordia Technologies, Inc., a corporation of the State of Delaware, having a place of business at 445 South Street, Morristown, NJ 07960, 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 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;

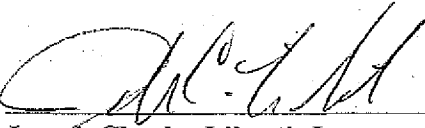
**NOW, THEREFORE**, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/we do hereby sell, assign, and transfer to Assignee all my/our rights, title, and interest in and to said application, including all priority rights arising therefrom, all inventions 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 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.




Joseph Charles Liberti, Jr.

Date: MAY 1, 2001

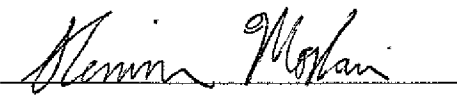
County of MONMOUTH  
State of N. J. ) ss:

Then personally appeared before me on the indicated date(s) the above-named **Joseph Charles Liberti, Jr.**, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

5-1-01  
Date

  
**INDIRA RAIKUNDALIA**  
Notary Public of New Jersey  
My Commission Expires June 24, 2004

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



Shimon Moshavi

Date: May 8, 2001

County of MORRIS )  
State of New Jersey ) ss:

Then personally appeared before me on the indicated date(s) the above-named **Shimon Moshavi**, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

MAY 8, 2001  
Date

  
NOTARY PUBLIC

**JOSEPH A. D'AVANZO**  
A NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES MARCH 25, 2006

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

Paul Gerald Zablocky  
Paul Gerald Zablocky

Date: May 3, 2001

County of Alameda )  
State of California ) ss:

Then personally appeared before me on the indicated date(s) the above-named **Paul Gerald Zablocky**, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

May 3rd 2001  
Date

Patricia S. Harstad  
NOTARY PUBLIC

