

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MOSHIUR RAHMAN	10/26/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AT&T INTELLECTUAL PROPERTY I, L.P.
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<b>State/Country:</b>	NEVADA
<b>Postal Code:</b>	89502
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14264703
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<b>ATTORNEY DOCKET NUMBER:</b>	2009-1219 CON/ATTWP468USA
<b>NAME OF SUBMITTER:</b>	THOMAS E. WATSON
<b>SIGNATURE:</b>	/Thomas E. Watson/
<b>DATE SIGNED:</b>	04/29/2014
<b>Total Attachments: 2</b>	
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2009-1219

ASSIGNMENT OF INVENTION  
TO  
AT&T INTELLECTUAL PROPERTY I, L.P.

WHEREAS, Moshir Rahman of Marlboro, New Jersey; (hereinafter sometimes referred to as "said inventor"), has invented certain new and useful improvements in **PERFORMANCE DIAGNOSIS OF WIRELESS EQUIPMENT AND A WIRELESS NETWORK OVER OUT-OF-BAND COMMUNICATION**, which invention (hereinafter sometimes referred to as "said invention") has been disclosed to and filed, under Docket No. 2009-1219, in the patent files of AT&T INTELLECTUAL PROPERTY I, L.P., a partnership organized and existing under the laws of the State of Nevada, having a principal place of business at 645 E. Plumb Lane, Reno, Nevada 89502,

I hereby authorize and request Turocy & Watson, LLP, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application.

NOW THEREFORE, it is agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said inventor has sold, assigned and transferred and by these present do sell, assign and transfer unto AT&T INTELLECTUAL PROPERTY I, L.P. the entire right, title and interest in said invention in the United States of America and all foreign countries and in and to said U.S. patent application and all patent applications, divisions, substitutions, continuations and continuations-in-part thereof, and in all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and in all priority rights under the International Convention for the Protection of Industrial Property for every member country, and in all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said invention in any foreign countries, and in all patents (including all extensions, renewals and reissues thereof) granted for said invention; said applications and patents to be held and enjoyed by the said AT&T INTELLECTUAL PROPERTY I, L.P. for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same may be granted, as fully and entirely as the same would have been held by said inventors had this assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents on said invention or in filing any divisional, continuation, substitution, or reissue patent application or re-examination proceedings on said invention whether in the United States of America or in any foreign country.

BY: \_\_\_\_\_  
WITNESSED BY: \_\_\_\_\_  
AT&T INTELLECTUAL PROPERTY I, L.P.

2009-1219  
ASSIGNMENT OF INVENTION  
To  
AT&T INTELLECTUAL PROPERTY I, L.P.

Signed:

Moshiur P. Rahman

MOSHIUR RAHMAN

Date:

10/26/10

**CERTIFICATE OF ACKNOWLEDGMENT**

State of New Jersey

County of Monmouth

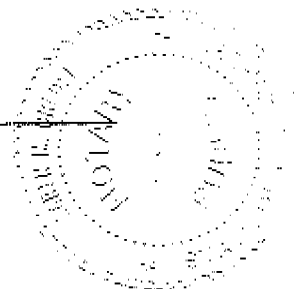
On October 26, 2010 before me, Karen M Credle, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared MOSHIUR RAHMAN  
Name(s) of Signer(s)

personally known to me - OR -  proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Karen M Credle  
Signature of Notary Public



**KAREN M. CREDLE  
A NOTARY OF NEW JERSEY  
MY COMMISSION EXPIRES AUGUST 25, 2013**