

PATENT ASSIGNMENT

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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>Darrin L. GIEGER</td> <td>06/14/2010</td> </tr> <tr> <td>Kevin W. SCHNEIDER</td> <td>06/11/2010</td> </tr> <tr> <td>Arlynn WILSON</td> <td>06/11/2010</td> </tr> <tr> <td>Robert A. BARRETT</td> <td>06/11/2010</td> </tr> </tbody> </table>		Name	Execution Date	Darrin L. GIEGER	06/14/2010	Kevin W. SCHNEIDER	06/11/2010	Arlynn WILSON	06/11/2010	Robert A. BARRETT	06/11/2010
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Kevin W. SCHNEIDER	06/11/2010										
Arlynn WILSON	06/11/2010										
Robert A. BARRETT	06/11/2010										
RECEIVING PARTY DATA											
Name:	ADTRAN, INC.										
Street Address:	901 Explorer Blvd.										
City:	Huntsville										
State/Country:	ALABAMA										
Postal Code:	35806										
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>12836659</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12836659						
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CORRESPONDENCE DATA											
Fax Number:	(407)841-2343										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Richard K. Warther										
Total Attachments: 2											

OP \$40.00 12836659

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**PATENT
 REEL: 024690 FRAME: 0521**

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A S S I G N M E N T

WHEREAS, Darrin L. GIEGER of Huntsville, Alabama; and Kevin W. SCHNEIDER of Huntsville, Alabama; and Arlynn WILSON of Huntsville, Alabama; and Robert A. BARRETT of Madison, Alabama; hereinafter referred to as ASSIGNORS, have made certain improvements or inventions in COMMUNICATIONS SYSTEM WITH BONDING ENGINE CONFIGURED FOR MAXIMUM PACKET FRAGMENT SIZE AS ADAPTED TO COMMUNICATIONS LINE PAIRS AND RELATED METHOD, for which ASSIGNORS have executed an application for United States Letters Patent filed herewith in the United States Patent and Trademark Office; and

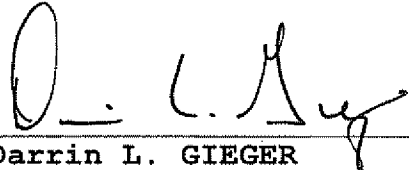
WHEREAS, ADTRAN, INC., a Delaware corporation, hereinafter referred to as ASSIGNEE, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said ASSIGNORS do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said ASSIGNORS do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent

applications or for the invention or inventions hereof, in accordance with this assignment.

And said **ASSIGNORS** for said consideration hereby covenant and agree that said **ASSIGNORS** are the owners of the full title herein conveyed and have the right to convey the same, and agree that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

6/14/2010
Date (mm/dd/year)


Darrin L. GIEGER

6/11/2010
Date (mm/dd/year)


Kevin W. SCHNEIDER

6/11/2010
Date (mm/dd/year)


Arlynn WILSON

6/11/2010
Date (mm/dd/year)


Robert A. BARRETT