

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Daniel M. Joffe</td><td>05/14/2008</td></tr><tr><td>Grant J. Kruse</td><td>05/14/2008</td></tr><tr><td>Jeremy L. Harris</td><td>05/14/2008</td></tr></tbody></table>		Name	Execution Date	Daniel M. Joffe	05/14/2008	Grant J. Kruse	05/14/2008	Jeremy L. Harris	05/14/2008		
Name	Execution Date										
Daniel M. Joffe	05/14/2008										
Grant J. Kruse	05/14/2008										
Jeremy L. Harris	05/14/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>ADTRAN, Inc.</td></tr><tr><td>Street Address:</td><td>901 Explorer Blvd.</td></tr><tr><td>City:</td><td>Huntsville</td></tr><tr><td>State/Country:</td><td>ALABAMA</td></tr><tr><td>Postal Code:</td><td>35806</td></tr></table>		Name:	ADTRAN, Inc.	Street Address:	901 Explorer Blvd.	City:	Huntsville	State/Country:	ALABAMA	Postal Code:	35806
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>12023818</td></tr></tbody></table>		Property Type	Number	Application Number:	12023818						
Property Type	Number										
Application Number:	12023818										
CORRESPONDENCE DATA											
Fax Number: (256)704-3905 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 256-704-3900											
Email: docketing@tkhr.com											
Correspondent Name: Thomas Kayden Horstemeyer & Risley, LLP											
Address Line 1: 600 Galleria Parkway											
Address Line 2: 15th Floor											
Address Line 4: Atlanta, GEORGIA 30339-5994											
ATTORNEY DOCKET NUMBER:	710101-1670										
NAME OF SUBMITTER:	Jon E. Holland										
Total Attachments: 5 source=710101_1670#page1.tif											

OP \$40.00 12023818

500543466

PATENT  
REEL: 020967 FRAME: 0260

source=710101\_1670#page2.tif  
source=710101\_1670#page3.tif  
source=710101\_1670#page4.tif  
source=710101\_1670#page5.tif

**ASSIGNMENT  
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Daniel M. Joffe	2732 Tammerack Lane, Owens Crossroads, AL 35763
Grant J. Kruse	4510 Tree Ridge Circle, Owens Crossroads, AL 35763
Jeremy L. Harris	5674 Highway 55 West, Eva, AL 35621

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**PROTECTOR BLOCK ASSEMBLY FOR PROVIDING SURGE PROTECTION IN  
TELECOMMUNICATION SYSTEMS,**

which was:

- ☐ executed on even date herewith,
- ☒ filed with the United States Patent and Trademark Office (USPTO) on January 31, 2008, and assigned Serial No. 12/023,818, and
- ☐ further described in U.S. Provisional application entitled \_\_\_\_\_, filed with the USPTO on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_.

WHEREAS, ADTRAN, Inc., having a place of business at 901 Explorer Blvd, Huntsville, Alabama, 35806, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and

transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

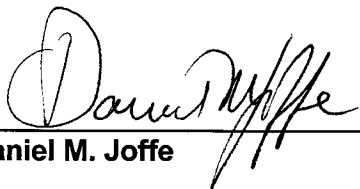
ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

Date: 5/14/2008

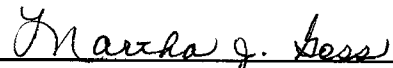
  
Daniel M. Joffe

United States of America

State of Alabama

County of Madison

On this 14<sup>th</sup> day of MAY, 20 08, before me personally came **Daniel M. Joffe** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

  
Notary Public

**My Commission Expires**  
**March 30, 2010**

  
\_\_\_\_\_  
Grant J. Kruse

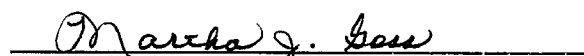
Date: 5/14/2008

United States of America

State of Alabama

County of Madison

On this 14<sup>th</sup> day of MAY, 20 08, before me personally came **Grant J. Kruse** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

**My Commission Expires**

**March 30, 2010**  
\_\_\_\_\_  
My Commission Expires (Date)

Jeremy L. Harris  
Jeremy L. Harris

Date: 5 / 14 / 2008

United States of America

State of Alabama

County of Madison

On this 14<sup>th</sup> day of May, 2008, before me personally came **Jeremy L. Harris** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Martha J. Goss  
Notary Public

**My Commission Expires**  
March 30, 2010  
My Commission Expires (Date)