

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>Brian Tamminen</td><td>08/10/2009</td></tr><tr><td>Todd Loeffelholz</td><td>08/11/2009</td></tr></tbody></table>		Name	Execution Date	Brian Tamminen	08/10/2009	Todd Loeffelholz	08/11/2009
Name	Execution Date						
Brian Tamminen	08/10/2009						
Todd Loeffelholz	08/11/2009						
RECEIVING PARTY DATA							
Name:	ADC Telecommunications, Inc.						
Street Address:	13625 Technology Drive						
City:	Eden Prairie						
State/Country:	MINNESOTA						
Postal Code:	55344						
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>11507873</td></tr></tbody></table>		Property Type	Number	Application Number:	11507873		
Property Type	Number						
Application Number:	11507873						
CORRESPONDENCE DATA							
Fax Number: (612)332-9081 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone: 612.332.5300							
Email: ccatalano@merchantgould.com							
Correspondent Name: Karen A. Fitzsimmons							
Address Line 1: 80 South Eighth Street							
Address Line 2: 3200 IDS Center							
Address Line 4: Minneapolis, MINNESOTA 55402							
ATTORNEY DOCKET NUMBER:	2316.1953USU1						
NAME OF SUBMITTER:	Karen A. Fitzsimmons						
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif							

OP \$40.00 11507873

500973130

PATENT  
REEL: 023288 FRAME: 0371

source=Assignment#page3.tif

source=Assignment#page4.tif

**ASSIGNMENT**

WHEREAS, we, Brian Tamminen, residing at 955 Weston Ridge Parkway, Chaska, Minnesota 55318 and Todd Loeffelholz, residing at 10005 Kingman Lane, Minnetonka, Minnesota 55305, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 21, 2006, application Serial No. 11/507,873 which is entitled RF Switching Device.

AND WHEREAS, ADC Telecommunications, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 13625 Technology Drive, Eden Prairie, Minnesota 55344 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the

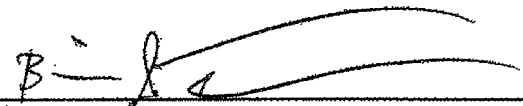
PLT/

entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10<sup>th</sup> day of

August, 2009

  
\_\_\_\_\_  
Brian Tamminen

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of

\_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Todd Loeffelholz

ASSIGNMENT

WHEREAS, we, Brian Tamminen, residing at 955 Weston Ridge Parkway, Chaska, Minnesota 55318 and Todd Loeffelholz, residing at 10005 Kingman Lane, Minnetonka, Minnesota 55305, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on August 21, 2006, application Serial No. 11/507,873 which is entitled RF Switching Device.

AND WHEREAS, ADC Telecommunications, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 13625 Technology Drive, Eden Prairie, Minnesota 55344 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the

Attorney Docket No. 02316.1953USU1

entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Brian Tamminen

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of August, 2009.

Todd Loeffelholz  
Todd Loeffelholz