

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4360957

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	PHILIP M. WALA	07/19/2000
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ADC TELECOMMUNICATIONS, INC.	
<b>Street Address:</b>	12501 WHITEWATER DRIVE	
<b>City:</b>	MINNETONKA	
<b>State/Country:</b>	MINNESOTA	
<b>Postal Code:</b>	55343	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15483432	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(952)465-0771	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	952-465-0770	
<b>Email:</b>	docketing@fogglaw.com	
<b>Correspondent Name:</b>	FOGG & POWERS LLC	
<b>Address Line 1:</b>	4600 W 77TH ST	
<b>Address Line 2:</b>	SUITE 305	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55435	
<b>ATTORNEY DOCKET NUMBER:</b>	100.019US07	
<b>NAME OF SUBMITTER:</b>	DANIELLE N. SUESS	
<b>SIGNATURE:</b>	/Danielle N. Suess/	
<b>DATE SIGNED:</b>	04/10/2017	
<b>Total Attachments: 2</b>		
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### ASSIGNMENT

WHEREAS, I, Philip M. Wala, residing at 504 14<sup>th</sup> Avenue NW, Waseca, MN 56093, made certain new and useful inventions and improvements for which I executed an application for Letters Patent of the United States on Even Date Herewith, which is entitled POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT (the "Application").

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 12501 Whitewater Drive, Minnetonka, MN 55343, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the 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 good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the 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 I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the 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 identified above, I do agree that I and my 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 the Assignee, its successors and representatives all facts known to me relating to the 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 the Assignee, its successors or assigns the 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.

Assignment

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Title: POINT-TO-MULTIPOINT DIGITAL RADIO FREQUENCY TRANSPORT

Attorney Docket: 100.019US01

AND, furthermore I covenant and agree with the 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 me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19<sup>th</sup> day of JULY, 2000.



Philip M. Wala


STATE of Minnesota

)ss.

COUNTY of Wasega

On this 19<sup>th</sup> day of July, 2000, before me personally appeared Philip M. Wala to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

