

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3416114

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LANCE K. UYCHARA	06/11/2015
DEAN ZAVADSKY	06/11/2015
BORIS GOLUBOVIC	06/11/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ADC TELECOMMUNICATIONS, INC.
<b>Street Address:</b>	1050 WESTLAKES DRIVE
<b>City:</b>	BERWYN
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	19312
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14737179
<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>	100.1304US01
<b>NAME OF SUBMITTER:</b>	DANIELLE N. SUESS
<b>SIGNATURE:</b>	/Danielle N. Suess/
<b>DATE SIGNED:</b>	06/26/2015
<b>Total Attachments: 6</b>	
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**PATENT**

**REEL: 035993 FRAME: 0457**

## ASSIGNMENT

WHEREAS, we, Lance K. Uyehara residing at 1026 Del Cambre Drive, San Jose, CA 95129, US; Dean Zavadsky residing at 1478 Ashborne Circle, Shakopee, MN 55379, US; Boris Golubovic residing at 943 Teresita Boulevard, San Francisco, CA, US; made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS (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 1050 Westlakes Drive, Berwyn, PA 19312, (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, we 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, continuations-in-part, 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 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, we do agree that me 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.

AND, furthermore we 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 us and that full right to convey the same as herein expressed is possessed by us.

Assignment

Title: BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS

ATTORNEY DOCKET: 100.1304US01

PAGE 2 OF 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_,  
2015.

STATE of \_\_\_\_\_ )  
 )ss.  
COUNTY of \_\_\_\_\_ )

\_\_\_\_\_  
Lance K. Uyehara

On this \_\_\_\_ day of \_\_\_\_\_, 2015, before me personally appeared Lance K. Uyehara to me known to be the person described herein 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

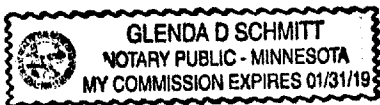
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of 2015,  
2015.

STATE of MN )  
 )ss.  
COUNTY of Scott )

\_\_\_\_\_  
Dean Zavadsky

On this 11th day of June, 2015, before me personally appeared Dean Zavadsky to me known to be the person described herein 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]



\_\_\_\_\_  
Glenda D Schmitt  
Notary Public

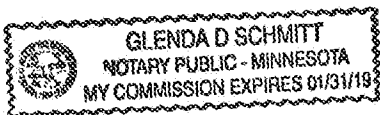
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2015.

  
Boris Golubovic

STATE of MA )  
 )ss.  
COUNTY of Suff )

[SEAL]



  
Notary Public

## ASSIGNMENT

WHEREAS, we, Lance K. Uychara residing at 1026 Del Cambre Drive, San Jose, CA 95129, US; Dean Zavadsky residing at 1478 Ashborne Circle, Shakopee, MN 55379, US; Boris Golubovic residing at 943 Tercsila Boulevard, San Francisco, CA , US; made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled BITRATE EFFICIENT TRANSPORT THROUGH DISTRIBUTED ANTENNA SYSTEMS (the "Application").


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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, we 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, continuations-in-part, 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 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, we do agree that me 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.

AND, furthermore we 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 us and that full right to convey the same as herein expressed is possessed by us.

PAGE 2 OF 3

  
Lance K. Uychara

Notary Public

**Notary Public**

# California Acknowledgment

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

} ss.

County of SANTA CLARA

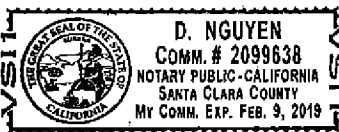
On 6/11/2015 before me, D. Nguyen, Notary Public, personally appeared

(here insert name and title of the officer)

LANLE K. UYEHARA

who 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.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

D. Nguyen  
Signature of Notary Public

(Seal)

## Optional Information

To help prevent fraud, it is recommended that you provide information about the attached document below.

\*\*\*This is NOT required under California State notary public law.\*\*\*

Document Title: ASSIGNMENT Number of Pages: 3

Notes