505854966 01/09/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5901903

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE previously recorded on Reel 051092 Frame 0983. Assignor(s) hereby confirms the THE ASSIGNEE WAS RECORDED AS ADC WIRELESS SOLUTIONS, LLC AND SHOULD HAVE BEEN RECORDED AS ADC TELECOMMUNICATIONS, INC

CONVEYING PARTY DATA

Name	Execution Date
LANCE K. UYEHARA	07/14/2010
LARRY G. FISCHER	07/27/2010
DAVID HART	07/14/2010
DEAN ZAVADSKY	07/27/2010

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

Property Type	Number
Application Number:	16277816

CORRESPONDENCE DATA

Fax Number: (952)465-0771

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.

Email:docketing@fogglaw.comCorrespondent Name:FOGG & POWERS LLCAddress Line 1:4600 W 77TH STREET

Address Line 2: SUITE 305

Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	ADC003758/100.1141US02R2
NAME OF SUBMITTER:	EMILY J. RELLER
SIGNATURE:	/Emily J. Reller/
DATE SIGNED:	01/09/2020

PATENT REEL: 051531 FRAME: 0905

Total Attachments: 8

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PATENT REEL: 051531 FRAME: 0906

505789052 11/22/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5835880

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LANCE K. UYEHARA	07/14/2010
LARRY G. FISCHER	07/27/2010
DAVID HART	07/14/2010
DEAN ZAVADSKY	07/27/2010

RECEIVING PARTY DATA

Name:	ADC WIRELESS SOLUTIONS, LLC	ADC Telecommunications, Inc.	
Street Address:	13625 TECHNOLOGY DRIVE	13625 TECHNOLOGY DRIVE	
City:	EDEN PRAIRIE		
State/Country:	MINNESOTA		
Postal Code:	55344		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16277816

CORRESPONDENCE DATA

Fax Number: (952)465-0771

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: docketing@fogglaw.com Correspondent Name: FOGG & POWERS LLC Address Line 1: **4600 W 77TH STREET**

Address Line 2: SUITE 305

Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	ADC003758/100.1141US02R2
NAME OF SUBMITTER:	EMILY J. RELLER
SIGNATURE:	/Emily J. Reller/
DATE SIGNED:	11/22/2019

Total Attachments: 7

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> **PATENT** REEL: 051531 FRAME: 0907

Jul 14 10 06:41p p.3

ASSIGNMENT

WHEREAS, we, Lance K. Uyehara residing at 1026 Del Cambre Drive, San Jose, CA 95129, US; Larry G. Fischer residing at 38069 120th Street, Waseca, MN 56093, US; David Hart residing at 617 Arcadia Ter #303, Sunnyvale, CA 94085, US; and Dean Zavadsky residing at 1478 Ashbourne Circle, Shakopee, MN 55379, 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 DISTRIBUTED DIGITAL REFERENCE CLOCK (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 13625 Technology Drive, Eden Prairie, MN 55344-2252, (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.

PATENT REEL: 050586 FRAME: 0509

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p.4

On this _____ day of _____, 2010, 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.

Dean Zavadsky

[SEAL]

Notary Public

PATENT REEL: 050586 FRAME: 0920

State of California County of Sairta (Iaia On July 14,2010 before me, Guadalupe Bejines, Notary Public personally appeared Lance K. Uyehaix, David Hart Name(s) of Signer(s)		
-	Signature Signature Signature Signature Signature Signature Signature of Notary Public Signature of No	
and could prevent fraudulent removal a Description of Attached Document	and reattachment of this form to another document.	
Title or Type of Document:		
Document Date:		
Signer(s) Other Than Named Above:	, rainot of ragos.	
Capacity(ies) Claimed by Signer(s)		
Signer's Name: Individual Corporate Officer — Title(s): Partner — Limited General Attorney in Fact Trustee Guardian or Conservator Other: Signer Is Representing:	☐ Individual ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Attorney in Fact ☐ Corporate Officer — Title(s): ☐ Partner — ☐ Limited ☐ General ☐ REGHTTHUMBPRINT OF SIGNER	

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07-27-10;01:55PM; ;952-403-8858 # 1/ (

ASSIGNMENT

WHEREAS, we, Lance K. Uychara residing at 1026 Del Cambre Drive, San Jose, CA 95129, US; Larry G. Fischer residing at 38069 120th Street, Wascea, MN 56093, US; David Hart residing at 617 Arcadia Ter #303, Sunnyvale, CA 94085, US; and Dean Zavadsky residing at 1478 Ashbourne Circle, Shakopee, MN 55379, 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 DISTRIBUTED DIGITAL REFERENCE CLOCK (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 13625 Technology Drive, Eden Prairie, MN 55344-2252, (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.

PATENT REEL: 050586 FRAME: 0922 07-27-10;01:54PM; ;952-403-8858 # 1/ 3

Assignment Title: DISTRIBUTED DIGITAL REFERENCE	CLOCK
ATTORNEY DOCKET: 100.1141US01 Page 3 of 3	
IN TESTIMONY WHEREOF, I have	e hereunto set my hand thisday of,
2010.	
	David Hart
STATE of)	
COUNTY of)	
On this day of known to be the person described herein and to me that he executed the same for the uses a	, 2010, before me personally appeared David Hart to me who executed the foregoing instrument, and he duly acknowledged and purposes therein set forth.
[SEAL]	
	Notary Public
IN TESTIMONY WHEREOF, I have	c hercunto set my hand this 27 day of 71264,
2010.	
•	
STATE of MN	Dean Zavadsky
STATE of MN)BS. COUNTY of San'th)	
On this day of known to be the person described herein and to me that he executed the same for the uses a	who executed the foregoing instrument, and he duly acknowledged and purposes therein set forth.
[SEAL]	Mu Mughwelly LMLA-Notary Public
CASSIE SHAUGHNESSY GERRES	



07-27-10;01:54PM; ;952-403-8858 # 3/

Assignment Title: DISTRIBUTED DIGITAL REFERENCE CLOCK ATTORNEY DOCKET: 100.1141US01 PAGE 2 OF 3 IN TESTIMONY WHEREOF, I have hercunto set my hand this _____day of _____ 2010. Lance K. Uyehara COUNTY of_ _____, 2010, before me personally appeared Lance K. Uychara to On this _____ day of ___ 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 27 day of July 2010. STATE of MN On this 27 day of July _____, 2010, before me personally appeared Larry G. Fischer 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]



PATENT REEL: 050586 FRAME: 0925