

04-12-2005



102977919

1. Name of conveying party(ies):

Donald R. Bauman, Jeffrey J. Cannon, John M. Hedin,
Santosh K. SonbarseAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: March 21, 2005; March 23, 2005; March 23, 2005; March 23, 2005.

2. Name and address of receiving party(ies):

Name: ADC Telecommunications, Inc.

Street Address: 13625 Technology Drive

City: Eden Prairie State: Minnesota Country: USAdditional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application.

A. Patent Application No(s).

B. Patent No(s).

Title: METHODS AND SYSTEMS FOR HANDLING UNDERFLOW AND OVERFLOW IN A SOFTWARE DEFINED RADIOAdditional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Laura A. Ryan
Address: Fogg and Associates, LLC
P.O. Box 581339
Minneapolis, MN 55458-13396. Total number of applications and patents involved: 17. Total fee (37 CFR §3.41): \$ 40.00☒ Enclosed (Form PTO-2038)☐ Authorized to charge to deposit account 5024328. Please charge any additional fees or credit any overpayments to Deposit account number: 502432

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is an original or a true copy of the original document.

Laura A. Ryan/Reg. #49,055

Name of Person Signing

Signature31 March 2005
DateTotal number of pages including cover sheet, attachments, and document(s): 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

P.O. Box 1450

Alexandria, VA 22313-1450

Fax: 703-306-5995

04/04/2005 LWONDIM1 00000008 11095150

06 FC:8021

(40.00 GP)

ASSIGNMENT

WHEREAS, we, Donald R. Bauman residing at 1104 4th Street NE, Waseca, MN 56093; Jeffrey J. Cannon residing at 2725 Dakota Ave. S, St. Louis Park, MN 55416; John M. Hedin residing at 1506 99th Circle, Coon Rapids, MN 55433-6407; and Santosh K. Sonbarse residing at 17629 Haralson Drive, Eden Prairie, MN 55347, made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States filed herewith, entitled METHODS AND SYSTEMS FOR HANDLING UNDERFLOW AND OVERFLOW IN A SOFTWARE DEFINED RADIO (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, Minnesota, 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 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 the Assignee, its successors and representatives all facts known to us 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: METHODS AND SYSTEMS FOR HANDLING UNDERFLOW AND OVERFLOW IN A SOFTWARE
DEFINED RADIO

ATTORNEY DOCKET: 100.686US01

PAGE 2 OF 3

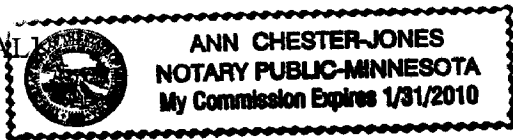
IN TESTIMONY WHEREOF, I have hereunto set my hand this 21 day of March,
2005.

Donald R. Bauman
Donald R. Bauman

STATE of Minnesota
COUNTY of Wadena)ss.

On this 21 day of March, 2005, before me personally appeared Donald R. Bauman 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]



Ann Chester-Jones
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
2005.

Jeffrey J. Cannon

STATE of _____)
COUNTY of _____)ss.

On this ____ day of _____, 2005, before me personally appeared Jeffrey J. Cannon 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

Assignment

Title: METHODS AND SYSTEMS FOR HANDLING UNDERFLOW AND OVERFLOW IN A SOFTWARE
DEFINED RADIO

ATTORNEY DOCKET: 100.686US01

PAGE 2 OF 3

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
2005.

Donald R. Bauman

STATE of _____)
)ss.
COUNTY of _____)

On this ____ day of _____, 2005, before me personally appeared Donald R. Bauman 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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of March,
2005.

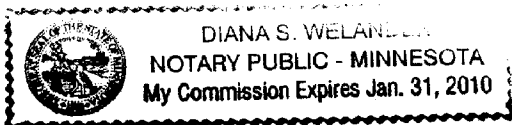
Jeffrey J. Cannon
Jeffrey J. Cannon

STATE of MN)
)ss.
COUNTY of Waseca)

On this 23rd day of March, 2005, before me personally appeared Jeffrey J. Cannon 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]

Diana S. Welander
Notary Public



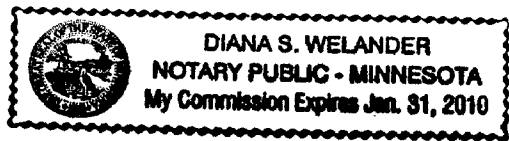
IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of MARCH,
2005.

John M. Hedin
John M. Hedin

STATE of MN)
COUNTY of Waseca)ss.

On this 23rd day of March, 2005, before me personally appeared John M. Hedin 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]



Diana S. Welander
Notary Public

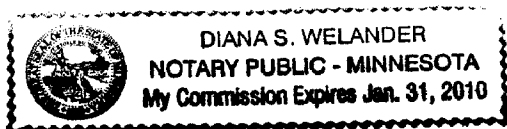
IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of March,
2005.

Santosh K. Sonbarse
Santosh K. Sonbarse

STATE of MN)
COUNTY of Waseca)ss.

On this 23rd day of March, 2005, before me personally appeared Santosh K. Sonbarse
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]



Diana S. Welander
Notary Public