

06-18-2001

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Attorney Docket No. 100.197US01

101750317

To the Honorable Commissioner of Patents, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Markku Tiihonen
Taisto Soikkeli

06/06/01

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

Name: ADC Telecommunications, Inc.

Street Address: 12501 Whitewater Drive

City: Minnetonka State: MN ZIP: 55343

Additional name(s) & address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: May 25, 2001

11003 U.S. PTO
09/075322
06/06/01

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

If this document is being filed together with a new application, the execution date of the application is: May 25, 2001

A. Patent Application No(s). 09/875322

B. Patent No(s).

Title: **DYNAMIC RANGE EXTENSION FOR AN ELECTRONIC CIRCUIT**

Additional numbers attached? Yes No

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

Name: David N. Fogg
Address: Fogg Slifer & Polglaze, P.A.
P.O. Box 581009
Minneapolis, MN 55458-1009

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR §3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to Deposit account number: 501373

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.

Daniel J. Polglaze/Reg. #39,801
Name of Person Signing

Daniel Polglaze
Signature

6 June 2001
Date

Total number of pages including cover sheet, attachments, and document(s): 3

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

Commissioner of Patents
Box Assignments
Washington, D.C. 20231

06/15/2001 6T0N11 00000213 09875322

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40.00 00

INTERNATIONAL ASSIGNMENT

WHEREAS, we, Markku Tiihonen, residing at Aapatie 22, Oulu, Finland 90420, and Taisto Soikkeli, residing at Huttukylantie 3, Kiiminki, Finland 90900, made certain new and useful inventions and improvements for which we executed an application for Letters Patent on even date herewith, which is entitled **DYNAMIC RANGE EXTENSION FOR AN ELECTRONIC CIRCUIT** (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, Minnesota 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, 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, 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 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.

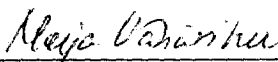
IN TESTIMONY WHEREOF, THE UNDERSIGNED has hereunto set his hand on the date indicated below.



Markku Tiihonen

MAY 25, 2001


Date



Witness

May 25, 2001

Date

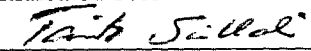


Witness

May 25, 2001

Date

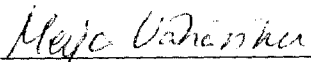
IN TESTIMONY WHEREOF, THE UNDERSIGNED has hereunto set his hand on the date indicated below.



Taisto Soikkeli

MAY 25, 2001


Date



Witness

May 25, 2001

Date



Witness

May 25, 2001

Date