

meo 9-11-98

To the Honorable Commissioner of Patents
Please record the attached original document



100869938

September 11, 1998
Attorney Dkt. 8194-186

1. Name of conveying party(ies):

Ronald D. Boesch
Domenico Arpaia

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

Ericsson Inc.
7001 Development Drive
P.O. Box 13969
Research Triangle Park, NC 27709



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

3. Nature of conveyance:

- X Assignment
- ___ Merger
- ___ Security Agreement
- ___ Change of Name
- ___ Other

Execution Date: September 4, 1998

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

4. Application Serial No. 09/151996 Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: September 4, 1998

Additional numbers attached? ___ Yes X No

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

Mitchell S. Bigel
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41) \$ 40.00
- X Enclosed
- ___ Authorized to be charged to deposit account

8. Deposit account number: 50-0220

09/17/1998 09PAYE 0000011500220 TH 09131998
04 FC:581 22.00 CH 18.00 OP

9. Statement and signature

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

Mitchell S. Bigel, Reg. No. 29,614
Name of Person Signing

Mitchell S. Bigel
Signature

September 11, 1998
Date

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

ASSIGNMENT

THIS ASSIGNMENT, made by us, Ronald D. Boesch, citizen of the United States of America, residing at 106 Fentress Court, Morrisville, North Carolina 37560; and Domenico Arpaia, citizen of Italy, residing at 2500 Grove Club Lane, #1231, Cary, North Carolina 27513, respectively,

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **DUAL-MODE MODULATION SYSTEMS AND METHODS INCLUDING OVERSAMPLING OF NARROW BANDWIDTH SIGNALS AND DC OFFSET COMPENSATION** for which an application for United States Letters Patent has been executed by us concurrently herewith, and

WHEREAS, Ericsson Inc., a Delaware corporation having a principal place of business at Research Triangle Park, County of Wake, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 4th day of September, 1998.

Ronald D. Boesch (SEAL)
Ronald D. Boesch

Domenico Arpaia (SEAL)
Domenico Arpaia

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF WAKE)

Before me personally appeared Ronald D. Boesch and Domenico Arpaia, to me known to be the persons described in and who executed the foregoing instrument, and they acknowledged to me that they executed the same for the purpose therein stated, this 4th day of September, 1998.

Barbara A. Schroeder
Notary Public

SEAL

My Commission Expires: March 1, 2003
8194-186.Assignment