

*ADD 2.8.00*



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To the Honorable Commissioner of Patents and  
Please record the attached original documents or copy thereof.

February 8, 2000  
Attorney Dkt. 8194-337

1. Name of conveying party(ies):

Paul W. Dent  
Kambiz C. Zangi

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

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

1c-525 U.S. PTO  
09/500314  
02/08/00

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other \_\_\_\_\_

Execution Date: January 14, 2000

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

4. Application Serial No. \_\_\_\_\_ Patent No. 09/500314

If this document is being filed together with a new application, the execution date of the application is: January 14, 2000

Additional numbers attached? Yes  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  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 50-0220

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FC:501 Statement and signature 40.00 DP  
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

2/8/00  
Date

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

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, Paul W. Dent, a citizen of Great Britain, residing at 637 Eagle Point Road, Pittsboro, County of Chatham, North Carolina 27312 and Kambiz Zangi, a citizen of the United States of America, residing at 6 Colton Court, Durham, County of Durham, North Carolina 27713,

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS AND SYSTEMS FOR DECODING SYMBOLS BY COMBINING MATCHED-FILTERED SAMPLES WITH HARD SYMBOL DECISIONS** 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.

