

04-28-2000

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Attorney's Docket No. 040000-709

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

1. Name of conveying party(ies):

(1) Sören ANDERSSON, (2) Henrik Revsbech DAM, (3) Magnus BERG, (4) Marc FRERICH (5) Felix AHRENS, and (6) Rainer BORMANN

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

Other: \_\_\_\_\_

Execution Date: (1,2,3) March 17, 2000; (4) March 7, 2000; (5) March 6, 2000; and (6) March 13, 2000

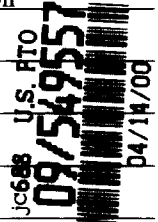
2. Name and address of receiving party(ies):

Name: Telefonaktiebolaget LM Ericsson

Address: SE-126 25 Stockholm

SWEDEN

Additional 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, the execution date of the application is: (1,2,3,) March 17, 2000; (4) March 7, 2000; (5) March 6, 2000, and (6) March 13, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ronald L. Grudziecki

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR § 3.41): \$ 40.00

☒ Enclosed

☒ Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4800

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 a true copy of the original document.*

Steven M. du Bois, Reg. No. 35,023  
Name of Person Signing

Signature

April 14, 2000  
Date

Total number of pages including cover sheet, attachments, and document: Seven (7)

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

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

## ASSIGNMENT (Joint)

THIS ASSIGNMENT, by  
Sören Andersson  
Henrik Dam  
Magnus Berg  
Marc Frerich  
Felix Ahrens  
Rainer Bormann

residing at

Bergsättersvägen 9 D, SE-191 40 Sollentuna, Sweden  
Rolfs vej 17, DK-2000 Fredriksberg, Denmark  
Hjärnegatan 7, SE-112 29 Stockholm, Sweden  
Im Nebel 4, D-59302 Oelde, Germany  
Rossberging 25, D-64354 Reinheim, Germany  
Paracelsusstr. 45, D-42549 Velbert, Germany

(hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in  
**Adaptive Sectorization**

( ) for which is a provisional application to be filed herewith; ( X ) which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; ( ) bearing No. \_\_\_\_\_, and filed on \_\_\_\_\_, and

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at SE-126 25 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignors is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, continuation-in-part of any applications for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent or Patents of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent or Patents to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

2000-03-17  
Date

Signature of Assignor .....  
Sören Andersson

2000-03-17  
Date

Signature of Assignor .....  
Henrik Dam

2000-03-17  
Date

Signature of Assignor .....  
Magnus Berg

Date

Signature of Assignor .....  
Marc Frerich

Date

Signature of Assignor .....  
Felix Ahrens

Date March 13, 2000

Signature of Assignor .....  
Rainer Bormann

## ASSIGNMENT (Joint)

THIS ASSIGNMENT, by  
Sören Andersson  
Henrik Dam  
Magnus Berg  
Marc Frerich  
Felix Ahrens  
Rainer Bormann

residing at

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Date ..... Signature of Assignor .....  
Sören Andersson

Date ..... Signature of Assignor .....  
Henrik Dam

Date ..... Signature of Assignor .....  
Magnus Berg

March 7, 2010  
Date ..... Signature of Assignor .....  
Marc Frerich

Date ..... Signature of Assignor .....  
Felix Ahrens

Date ..... Signature of Assignor .....  
Rainer Bormann

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Date Signature of Assignor .....  
Sören Andersson

Date Signature of Assignor .....  
Henrik Dam

Date Signature of Assignor .....  
Magnus Berg

Date Signature of Assignor .....  
Marc Frerich

March 06, 2000

*Felix Ahrens*

Date Signature of Assignor .....  
Felix Ahrens

Date Signature of Assignor .....  
Rainer Bormann

March 06, 2000

1. witness

*Thomas Seyfried*

March 06, 2000

2. witness

*Carsten Hubel*