

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

08-11-1998

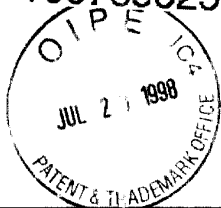


R SHEET U.S. DEPARTMENT OF COMMERCE

Y 09/062839

To the Honorably

100789525



he attached original documents or copy thereof.

1. Name of conveying party(ies):

Theodore Havinis  
Stephen Hayes  
Maya Roel-Ng

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

Ericsson Inc.  
Internal Address:  
Street Address: 7001 Development Drive  
P.O. Box 13969  
Research Triangle Park, N.C. 27709

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

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

3. Nature of conveyance: \_\_\_\_\_

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

Execution Date: June 30, 1998, July 16, 1998 and June 30, 1998, respectively

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:

A. Patent Application No. (s)  
U.S. Serial No. 09/062,839 filed April 20, 1998

B. Patent No.(s)  
\_\_\_\_\_

Additional numbers attached?  Yes  No

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

Raymond Van Dyke, Esq.  
Jenkins & Gilchrist, P.C.  
1445 Ross Avenue, Suite 3200  
Dallas, Texas 75202-2799

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:  
10-0447

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.*

Holly L. Rudnick, Reg. No. P-43,065  
Name of Person Signing

Holly L. Rudnick  
Signature

7/12/98  
Date

06/07/1998 DNGUYEN 00000103 09062839

Total number of pages including cover sheet, attachments, and document: 6

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Documents to be recorded with required cover sheet information to:  
**Assistant Commissioner for Patents, Box Assignments  
Washington, D.C. 20231**

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231	
Date:	JULY 12, 1998
Signature:	DEBBIE HARGROVE

PATENT

REEL: 9365 FRAME: 0583

MAJ 7-23-98

## ASSIGNMENT

WHEREAS, we, THEODORE HAVINIS, STEPHEN HAYES, and MAYA ROEL-NG, have invented certain new and useful improvements in the following:

### **SYSTEM AND METHOD FOR DEFINING LOCATION SERVICES**

for which we have made application for United States Letters Patent, the said application having been executed by me on April 20, 1998.

WHEREAS, ERICSSON INC., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 7001 Development Drive, P.O. Box 13969, Research Triangle Park, N.C. 27709 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives our entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or

patents resulting therefrom insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

We further authorize and direct our attorneys to insert below\* the serial number and filing date of said application now identified as Case Docket No. 27943-00227 as soon as the same shall have been made known to them by the United States Patent Office.

\*Serial Number: 09/062,839

Filing Date: April 20, 1998

IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
30<sup>th</sup> day of July, 1998.

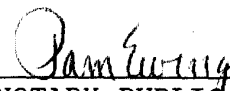


Inventor's Name: THEODORE HAVINIS  
Address: 1520 Preston Road #427  
Plano, Texas 75093

STATE OF TEXAS §  
  §  
COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day, personally appeared THEODORE HAVINIS, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 30<sup>th</sup> day of June, 1998.

  
NOTARY PUBLIC IN AND FOR THE  
STATE OF TEXAS

My Commission Expires:  
11-14-98



IN WITNESS WHEREOF, I have hereunto set my hand and seal this  
16 day of July, 1998.

*[Handwritten signature]*

Inventor's Name: STEPHEN HAYES  
Address: 2104 Via Madonna  
Carrollton, Texas 75006

STATE OF TEXAS §  
COUNTY OF Dallas §

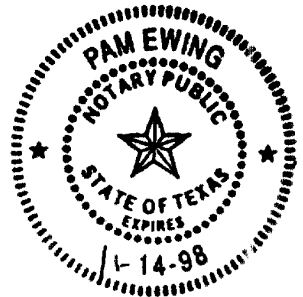
BEFORE ME, the undersigned authority, on this day, personally  
appeared STEPHEN HAYES, known to me to be the person whose name is  
subscribed to the foregoing instrument and acknowledged to me that  
he executed the same of his own free will for the purposes and  
consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 16<sup>th</sup> day of July, 1998.

*[Handwritten signature: Pam Ewing]*

NOTARY PUBLIC IN AND FOR THE  
STATE OF TEXAS

My Commission Expires:  
11-14-98



IN WITNESS WHEREOF, I have hereunto set my hand and seal this 30 day of June, 1998.

Maya R. Roel-NG  
 Inventor's Name: MAYA ROEL-NG  
 Address: 1604 Chester Drive  
 Plano, Texas 75025

STATE OF TEXAS §  
 COUNTY OF Dallas §

BEFORE ME, the undersigned authority, on this day, personally appeared MAYA ROEL-NG, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same of her own free will for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 30<sup>th</sup> day of June, 1998.



Pam Ewing  
 NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS  
 My Commission Expires:  
11-14-98

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