07-10-1998

To the Honorable Commissioner:

1. Name of conveying party(ies):
   Maya Roel-Ng
   Stephen Hayes
   Theodore Havinis

2. Name and address of receiving party(ies):
   Ericsson Inc.
   P.O. Box 13569
   Research Triangle Park, N.C. 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: _ June 22, 1998

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. 09/037,071 filed March 9, 1998

   B. Patent No.(s)

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

8. Deposit account number:
   10-0447

07/10/1998 BCOVER 00000126 09037071
DO NOT USE THIS SPACE
07-10-1998 RCDATES 00000126 09037071

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. 04-666
   Name of Person Signing

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

Mail 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 the correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Box Assignments, Washington, D.C. 20231

Date: JUNE 29, 1998

Signature: DEBBIE HARGROVE

PATENT
REEL: 9287 FRAME: 0640
ASSIGNMENT

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

SYSTEM AND METHOD FOR INFORMING NETWORK OF TERMINAL-BASED POSITIONING METHOD CAPABILITIES

for which we have made application for United States Letters Patent, the said application having been executed by me on March 9, 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.

IPDAI_156646_1 27943-00001USPT

PATENT
REEL: 9287 FRAME: 0642
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. 27943-00216 as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: 09/037,071

Filing Date: March 9, 1998
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 32 day of June, 1998.

[Signature]

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

STATE OF TEXAS

COUNTY OF

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 day of ____________, 1998.

[Signature]
NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS

My Commission Expires:

[Signature]
IN WITNESS WHEREOF, I have hereunto set my hand and seal this ___ day of __________, 1998.

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

STATE OF TEXAS $
COUNTY OF $

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 ______ day of __________, 1998.

NOTARY PUBLIC IN AND FOR THE STATE OF TEXAS
My Commission Expires:

PATENT
REEL: 9287 FRAME: 0645
IN WITNESS WHEREOF, I have hereunto set my hand and seal this ___ day of ___, 1998.

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

STATE OF TEXAS

COUNTY OF __________

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 ___ day of ___, 20___,

________________________

NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS
My Commission Expires: __________

RECORDED: 06/29/1998
REEL: 9287 FRAME: 0646