

2-16-99

02-22-1999



100968775

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

1. Name of conveying party(ies):

Senthil Sengodan

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

NOKIA TELECOMMUNICATIONS, OY
Keilalhentie 4
02150 Espoo
Finland

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

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

3. Nature of conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: January 9, 1999

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)

09/167,933

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: David W. Lynch
Address: Merchant, Gould, Smith, Edell,
Welter & Schmidt, P.A.
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402-4131

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. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

David W. Lynch
Name of Person Signing

Signature

February 9, 1999
Date

02/18/1999 DMSJYEM 00000083 09167933

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

01 FC:581 40.00 DP

Do not detach this portion

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

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

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

M&G 11784.76US01

ASSIGNMENT

WHEREAS, I, Senthil Sengodan, residing at 3 Albert Drive, #3, Woburn, Massachusetts 01801, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on October 6, 1998, having Serial No. 09/167,933, which is entitled METHOD AND APPARATUS FOR PROVIDING RESOURCE DISCOVERY USING MULTICAST SCOPE.

AND WHEREAS, NOKIA TELECOMMUNICATIONS, OY, a corporation organized and existing under and by virtue of the laws of the Country of Finland, and having an office and place of business at Keilalahdentie 4, 02150 Espoo, Finland (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be

necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of

January, 1999.

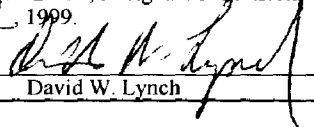


Senthil Sengodan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SENGODAN Examiner: UNKNOWN
Serial No.: 09/167,933 Group Art Unit: 2731
Filed: OCTOBER 6, 1998 Docket: 11784.76US01
Title: METHOD AND APPARATUS FOR PROVIDING RESOURCE DISCOVERY USING MULTICAST SCOPE

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: U.S. Patent and Trademark Office, BOX ASSIGNMENTS, Assignment Division, CG-4, 1213 Jefferson Davis Hwy., Suite 320, Washington, D.C. 20231, on July 2, 1999.

By: 
David W. Lynch

U.S. Patent and Trademark Office
Assignment Division
BOX ASSIGNMENTS
CG-4, 1213 Jefferson Davis Hwy.
Suite 320
Washington, D.C. 20231

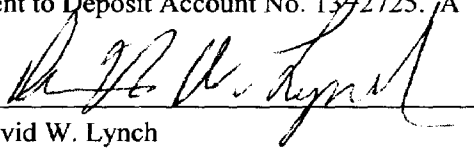
Sir:

We are transmitting herewith the attached:

- Transmittal Sheet in duplicate containing Certificate of Mailing
- Request for Corrected Notice of Recordation of Assignment Document, corrected Form PTO-1595, copy of original assignment and copy of Notice of Recordation of Assignment Document
- Check(s) in the amount of \$40.00, for Assignment Recordation Fee
- Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 1392725. A duplicate of this sheet is enclosed.

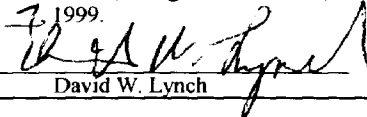
MERCHANT & GOULD P.C.
3100 Norwest Center, Minneapolis, MN 55402
(612) 332-5300

By: 
Name: David W. Lynch
Reg. No.: 36,204
DWL:PSTbkh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SENGODAN Examiner: UNKNOWN
Serial No.: 09/167,933 Group Art Unit: 2731
Filed: OCTOBER 6, 1998 Docket: 11784.76US01
Title: METHOD AND APPARATUS FOR PROVIDING RESOURCE DISCOVERY USING MULTICAST SCOPE

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By: 
David W. Lynch

U.S. Patent and Trademark Office
Assignment Division
BOX ASSIGNMENTS
CG-4, 1213 Jefferson Davis Hwy.
Suite 320
Washington, D.C. 20231

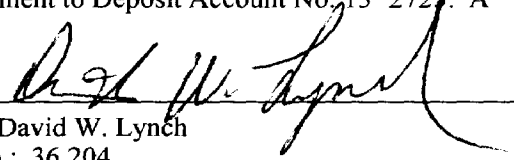
Sir:

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- Transmittal Sheet in duplicate containing Certificate of Mailing
- Request for Corrected Notice of Recordation of Assignment Document, corrected Form PTO-1595, copy of original assignment and copy of Notice of Recordation of Assignment Document
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MERCHANT & GOULD P.C.
3100 Norwest Center, Minneapolis, MN 55402
(612) 332-5300

By: 
Name: David W. Lynch
Reg. No.: 36,204
DWL:PSTbkh

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SENGODAN Examiner: UNKNOWN
 Serial No.: 09/167,933 Group Art Unit: 2731
 Filed: OCTOBER 6, 1998 Docket No.: 11784.76US01
 Title: METHOD AND APPARATUS FOR PROVIDING RESOURCE
 DISCOVERY USING MULTICAST SCOPE

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on July 7, 1999.

By: 
 Name: David W. Lynch

**REQUEST FOR CORRECTED NOTICE OF
 RECORDATION OF ASSIGNMENT DOCUMENT**

Box Assignments
 Assistant Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

Enclosed is a photocopy of the Notice of Recordation of Assignment Document received from the U. S. Patent and Trademark Office in the above-identified application showing requested corrections. The Notice of Recordation is erroneous with regard to the Assignee's address information.

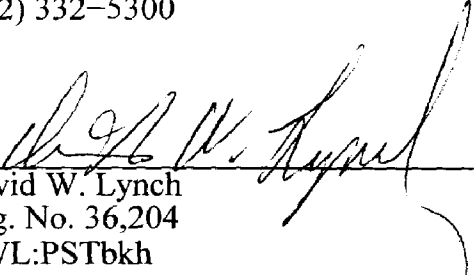
A correction should be made as follows: "Keilalhdentie" should be --Keilalahdentie--

Correction of the records of the U.S. Patent and Trademark Office and issuance of a corrected Notice of Recordation of Assignment Document are respectfully solicited.

Respectfully submitted,

MERCHANT & GOULD P.C.
 3100 Norwest Center
 90 South Seventh Street
 Minneapolis, MN 55402-4131
 (612) 332-5300

Date: 7/7/99


 David W. Lynch
 Reg. No. 36,204
 DWL:PSTbkh



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 12, 1999

PTAS

MERCHANT, GOULD, SMITH, EDELL ET AL.
DAVID W. LYNCH
3100 NORWEST CENTER
90 SOUTH SEVENTH STREET
MINNEAPOLIS, MN 55402-4131



100968775A

**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/16/1999

REEL/FRAME: 9763/0389
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SENGODAN, SENTHIL

DOC DATE: 01/09/1999

ASSIGNEE:

NOKIA TELECOMMUNICATIONS, OY

~~KEILALAHDENTIE 4~~

02150 ESPOO, FINLAND

→ KEILALAHDENTIE

SERIAL NUMBER: 09167933

FILING DATE: 10/06/1998

PATENT NUMBER:

ISSUE DATE:

DOROTHY RILEY, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

RECEIVED

MAY 25 1999

MEHREZ & GOULD
MINNEAPOLIS, MN 55402

PATENT

RECORDED: 07/12/1999

REEL: 010083 FRAME: 0787