

Form PTO 1595
1-31-82

RECORD

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

MAR 17 2003

03-25-2003



102398670

To the Honorable Commissioner of Patents &
Giridhar D. Mandyam

102398670. Enclosed original documents or copies thereof

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

2. Name and address of receiving party(ies):
Name: Nokia Corporation
Internal Address: _____
Street Address: Keilalahdentie 4
02150 Espoo, Finland
City: _____ State: _____ ZIP: _____
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: October 15, 2002

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)
10/260,170; filed September 30, 2002
Additional numbers attached? Yes No

B. Patent No.(s)

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

6. Total number of applications and patents involved: 1

Internal Address: SCHEEF & STONE, L.L.P.

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

Enclosed
 Authorized to be charged to deposit account

Street Address: 5956 Sherry Lane, Suite 1400

8. Deposit account number:
50-2032 (Scheef & Stone, L.L.P.)
(Attach duplicate copy of this page if paying by deposit account)

City: Dallas State: TX ZIP: 75225

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.

Robert H. Kelly, Reg. No. 33,922

March 12, 2003

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

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.

Published by THE BUREAU OF NATIONAL AFFAIRS, INC., Washington, D.C. 20037

03/25/2003 TBIAZ1 00000017 502032 10260170

01 FC:0021 40.00 CH

ASSIGNMENT

WHEREAS, I, Giridhar D. Mandyam, a citizen of the United State of America, and resident of Dallas, Texas, have invented certain new and useful improvements in "SINUOSOIDAL TRANSFORMS IN OFDM SYSTEM" disclosed in an application for United States Letters Patent (Application No. 10/260,170 , filed September 30, 2002);

WHEREAS, NOKIA CORPORATION, a corporation organized under the laws of Finland, having a place of business at Keilalahdentie 4, 02150 Espoo, Finland, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my 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;

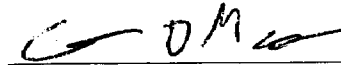
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, 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 my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I 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 application 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.

I hereby further agree that I will communicate to said ASSIGNEE, or to 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, and 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.

IN WITNESS WHEREOF, we have hereunto set our hands and seal this 15th day of October 2002.

Inventor:


Giridhar D. Mandyam

Oct. 15, 2002
Date

Witnesses:

 _____
(Signature of witness) (Signature of witness)

Beverly Sporkman _____
(Printed name) (Printed name)

Ennis, TX _____
(Address) (Address)

Robert H. Kelly, Registration No. 33,922
Stephen J. Wyse, Registration No. 40,880
Tara K. Doyle, Registration No. 43,723

my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, and to file and prosecute any international patent applications filed thereon before any international authorities under the Patent Cooperation Treaty.

Send correspondence to: Docket Clerk
P.O. Box 802432
Dallas, Texas 75380

Direct telephone calls to: Robert H. Kelly
(972) 628-3600

Atty. Docket No.: NC17618

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of sole inventor: Giridhdar D. Mandyam

Inventor's signature: 

Date: Oct. 15, 2002

Residence (City, County, State): Dallas, Dallas County, Texas 75254

Citizenship: USA

Post Office Address: 5801 Spring Valley Rd.
Apt. # 1215
Dallas, Texas 75254