

10-29-2003

FORM PTO-1595



HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

10-1703

102587371

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

1. Name of conveying party(ies):
 Manish Mangal
 Kevin R. O'Connor

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

2. Name and address of receiving party(ies)
 Name: Sprint Spectrum L.P.
 Address: 6450 Sprint Parkway

U.S. PTO
10/688157

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

Execution Date: October 15, 2003

City: Overland Park State: Kansas
 Country: U.S.A. Zip: 66251

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: October 17, 2003

A. Patent Application No.(s) Filing Date
 10/688157

Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Steven J. Funk
 Registration No.: 35,875
 Company Name: Sprint Spectrum L.P.
 Street Address: 6391 Sprint Parkway
 Mailstop: KSOPHT0101-Z2100
 City: Overland Park State: Kansas
 Country: U.S.A. ZIP: 66251

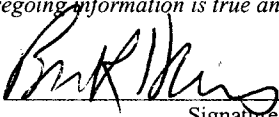
6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
 210765

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.

Brian R. Harris  Date: October 17, 2003
 Printed Name of Person Signing Signature

Total number of pages including cover sheet, attachments, and document: 3
Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
 PO Box 1450
 Alexandria, Virginia 22313-1450

10/28/2003 6TON11 00000081 210765 10688157

01 FC:8021 40.00 DA

**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am the sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below) of the invention relating to "Method and System for Predictive Resource Management in a Wireless Network" described in an application for Letters Patent of the United States of America filed on _____, Serial No. _____, or, if not identified here by filing date and serial number, executed by me on even date with my execution of this Assignment.

For valuable consideration received, I hereby sell, assign and transfer to Sprint Spectrum L.P., a limited partnership duly organized and existing under the laws of the State of Delaware, United States of America, its successors and assigns, my entire right, title and interest, for all countries in and to said inventions and all the rights and privileges under any and all Letters Patent that may be granted therefore, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said limited partnership but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said limited partnership, its successors, assigns or nominees.

I agree that I will communicate to said limited partnership or its representatives any facts known to me respecting said inventions and when requested by said limited partnership and at its expense will testify in any legal proceedings, and generally do everything possible to aid said limited partnership, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said limited partnership, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said limited partnership or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Sprint Spectrum L.P., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

This Agreement and Assignment supersedes all other assignments, agreements and addendums related to the above identified application.

After this Assignment has been recorded, please return it to :

Attn: Steven J. Funk
Sprint Law Department
6391 Sprint Parkway
Mailstop: KSOPHT0101-Z2100
Overland Park, KS 66251-2100

SOLE OR JOINT INVENTOR

Inventor (1) 
(Manish Mangal)

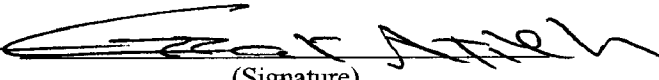
Date: 10/15/03

Citizenship: India

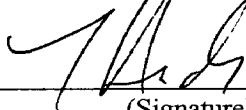
Post Office Address: 13170 Hadley, #2828, Overland Park, KS 66213

Residence: 13170 Hadley, #2828, Overland Park, KS 66213

1st Witness: Ezzat Atieh
(Type or Print)


(Signature)

2nd Witness: LEO Anderson
(Type or Print)


(Signature)

SOLE OR JOINT INVENTOR

Inventor (2) 
(Kevin R. O'Connor)

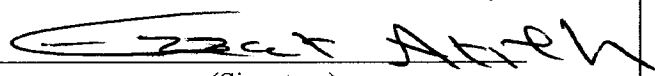
Date: 10/15/03

Citizenship: United States

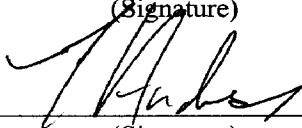
Post Office Address: 11725 S. Shannan St., Apt. 817, Olathe, Kansas 66062

Residence: 11725 S. Shannan St., Apt. 817, Olathe, Kansas 66062

1st Witness: Ezzat Atieh
(Type or Print)


(Signature)

2nd Witness: LEO Anderson
(Type or Print)


(Signature)