

Form PTO-1595

RECC

(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

Tab settings

05-27-2003
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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Bruce E. Hoffman
Peter H. Distler
Durga Prasad Satapathy
Mir S. Islam

5.16.03

2. Name and address of receiving party(ies)

Name: Sprint Communications Company L.P.

Internal Address: KSOPHT0101-Z2100

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: 6391 Sprint Parkway

City: Overland Park State: KS Zip: 66251-2100

Execution Date: 5/14/03

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

4. Application number(s) or patent number(s):

10439590

If this document is being filed together with a new application, the execution date of the application is: 5/14/03

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Kevin D. Robb

Internal Address: KSOPHT0101-Z2100

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

Street Address: 6391 Sprint Parkway

8. Deposit account number:

21-0765

City: Overland Park State: KS Zip: 66251-2100

DO NOT USE THIS SPACE

9. Signature.

John E. Gibson, Reg. No. 52,944
Name of Person Signing

John E. Gibson
Signature

5/16/03
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

05/27/2003 TDIAZ1 00000003 210765 10739590

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10/439590
05/16/03

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

I hereby declare that I am an original, first and sole inventor of the invention relating to A NETWORK SYSTEM MANAGER FOR TELECOMMUNICATION CARRIER VIRTUAL NETWORKS, described in an application for Letters Patent of the United States of America,

For valuable consideration received, I hereby sell, assign and transfer to SPRINT COMMUNICATIONS COMPANY 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 COMMUNICATIONS COMPANY 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 addenda related to the above identified application.

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

Attn: Kevin D. Robb
KSOPHT0101-Z2100
6391 Sprint Parkway
Overland Park, Kansas 66251-2100

Sprint Docket No. 2236/SPRI.103318

Inventor's Signature: Bruce E. Hoffman Date: 5/14/03
 Bruce E. Hoffman Date

Residence: Overland Park, County of Johnson, Kansas
 Citizenship: USA
 Post Office address: 7718 W. 114th Terr.
 Overland Park, KS 66210

1st [Signature] Witness: CWM REED
 (Type or Print Name) (Signature)

2nd Karen Lash Witness: Karen Lash
 (Type or Print Name) (Signature)

Inventor's Signature: Peter Distler Date: 5/14/03
 Peter H. Distler Date

Residence: Overland Park, County of Johnson, Kansas
 Citizenship: Germany
 Post Office address: 9101 W. 148th Terr.
 Overland Park, KS 66221

1st C WILLIAM REED Witness: [Signature]
 (Type or Print Name) (Signature)

2nd Karen Lash Witness: Karen Lash
 (Type or Print Name) (Signature)

Inventor's Signature: Durga Prasad Satapathy Date: 05/13/2003
 Durga Prasad Satapathy Date

Residence: Olathe, County of Johnson, Kansas
 Citizenship: India
 Post Office address: 17684 W. 159th Terr.
 Olathe, KS 66062

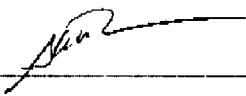

Sprint Docket No. 2236/SPRI.103318

1st	<u>Karen Lash</u> (Type or Print Name)	<u>Karen Lash</u> (Signature)	Witness:
2nd	<u>Jam M. Bolding</u> (Type or Print Name)	<u>Jam Bolding</u> (Signature)	Witness:

Inventor's Signature: _____		_____	Date
	Mir S. Islam		
Residence:	Kansas City, County of Jackson, Missouri		
Citizenship:	USA		
Post Office address:	7254 Terrace Street Kansas City, MO 64114		
1st	_____	_____	Witness:
	(Type or Print Name)	(Signature)	
2nd	_____	_____	Witness:
	(Type or Print Name)	(Signature)	

Sprint Docket No. 2236/SPRI.103318

1st	_____	Witness:
	(Type or Print Name)	(Signature)
2nd	_____	Witness:
	(Type or Print Name)	(Signature)

Inventor's Signature:		5/13/2003
	Mir S. Islam	Date
Residence:	Kansas City, County of Jackson, Missouri	
Citizenship:	USA	
Post Office address:	7254 Terrace Street Kansas City, MO 64114	
1st	TARIG CHOWDHURY 	Witness:
	(Type or Print Name)	(Signature)
2nd	HEMALATHA LAKSHMINARAYANAN L. Hemalatha	L. Hemalatha Witness:
	(Type or Print Name)	(Signature)