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orney Docket No. 2183/SPRI.102122

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6-13-03 RECC

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

1. Name of conveying party(ies):

Keith D. Wiggins, Wayne B. Snyder

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: 3/11/03

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: _____

A. Patent Application No.(s) 10/384,814

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

Street Address: 6391 Sprint Parkway

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

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:

21-0765

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9. Signature.

John E. Gibson, Reg. No. 52,944

Name of Person Signing

Signature

6/11/03

Date

Total number of pages including cover sheet, attachments, and documents: 4

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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 joint inventor of the invention relating to WIDE AREA NETWORK WITH A LARGE NUMBER OF ENDPOINTS AND A HIGH BANDWIDTH OPTICAL BACKBONE, described in an application for Letters Patent of the United States of America, executed by me on even date with my execution of this Assignment.

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.

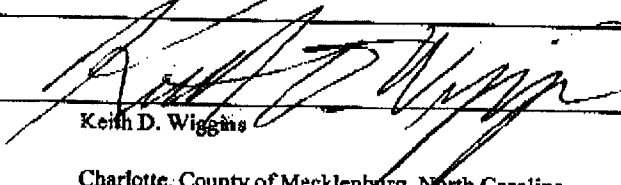
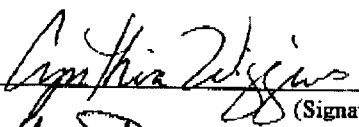
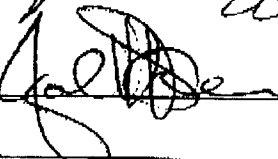
I covenant with SPRINT COMMUNICATIONS COMPANY L.P., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

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


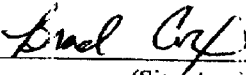
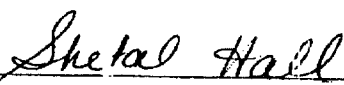
Sprint Docket No. 2183/SPRI.102122

Inventor's Signature:		<u>3/11/03</u> Date
Residence:	Charlotte, County of Mecklenburg, North Carolina	
Citizenship:	U.S.A.	
Post Office address:	2730 Lochness Lane Charlotte, North Carolina 28208	
1st	<u>Cynthia Wiggins</u> (Type or Print Name)	<u></u> (Signature) Witness:
2nd	<u>JOEL KEITH DENSON</u> (Type or Print Name)	<u></u> (Signature) Witness:

Inventor's Signature:	<u>Wayne B. Snyder</u>	<u> </u> Date
Residence:	Charlotte, County of Mecklenburg, North Carolina	
Citizenship:	U.S.A.	
Post Office address:	4514 Coburn Court Charlotte, North Carolina 28277	
1st	<u> </u> (Type or Print Name)	<u> </u> (Signature) Witness:
2nd	<u> </u> (Type or Print Name)	<u> </u> (Signature) Witness:

Sprint Docket No. 2183/SPR1.102122

Inventor's Signature: _____		Keith D. Wiggins	_____	Date
Residence:	Charlotte, County of Mecklenburg, North Carolina			
Citizenship:	U.S.A.			
Post Office address:	2730 Lochness Lane Charlotte, North Carolina 28208			
1st	_____		_____	Witness:
	(Type or Print Name)		(Signature)	
2nd	_____		_____	Witness:
	(Type or Print Name)		(Signature)	

Inventor's Signature: _____			_____	3/10/03	_____	Date
Residence:	Charlotte, County of Mecklenburg, North Carolina					
Citizenship:	U.S.A.					
Post Office address:	4514 Coburn Court Charlotte, North Carolina 28277					
1st	BRAD COX				_____	Witness:
	(Type or Print Name)		(Signature)			
2nd	Shetal Hall				_____	Witness:
	(Type or Print Name)		(Signature)			