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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): 12-17-02
 Dispensa, Steve
 Myers, Steve
 Sloderbeck, Jason M.
 Spaeth, Jonathon

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

2. Name and address of receiving party(ies)
 Name: Sprint Communications Company, L. P.
 Internal Address: _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other REEL/FRAEM: 013197/0724

Execution Date: 2/12/02; 10/08/01; 2/12/02; 6/12/02

Street Address: 6391 Sprint Parkway
 City: Overland Park State: KS 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 data of the application is:
 A. Patent Application No.(s)
10/128,036

B. Patent No.(s)

 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning this document should be mailed:
 Name: Harley R. Ball
 Internal Address: Sprint Communications Company, L. P.
Mailstop: KSOPHT0101-Z2100
 Street Address: 6391 Sprint Parkway
 City: Overland Park State: KS Zip: 66251-2100

6. Total number of applications and patents involved: one
 7. Total fee (37 CFR 3.41) \$ 40
 Enclosed
 Authorized to be charged to deposit account
 8. Deposit account number:
21-0765
 (Attach duplicate copy of this page if paying by deposit account)

12/23/2002 DBYRNE 00000161 210765 10128036

01 FC:8021 40.00 CH 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.
Michael J. Setter, Reg. 37,936
 Name of Person Signing

[Signature] 12-12-02
 Signature Date

Total number of pages including cover sheet, attachments, and documents: 9
Mail documents to be recorded with required cover sheet information to:

**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 "REVERSE CACHING FOR RESIDENTIAL END-USERS TO REDUCE USAGE OF ACCESS LINKS TO A CORE COMMUNICATION NETWORK" described in an application for Letters Patent of the United States of America filed on , Application 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 Communications Company L.P., a corporation 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 corporation 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 corporation, its successors, assigns or nominees. If I fail to perform those acts requested in the previous sentence, damages will be the amount of any honorarium that I received for this invention(s). This will not preclude Sprint or its successors, assigns and nominees from taking any action for securing, maintaining, or vesting title to Sprint, or its successors, assigns and nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, 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 corporation, 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 corporation 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.

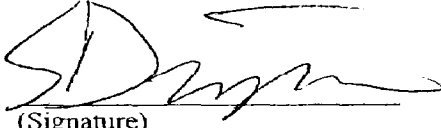
I covenant with Sprint Communications Company L.P., its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

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

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

Attn: Harley R. Ball
Sprint Law Department
8140 Ward Parkway
Mailstop: MOKCMP0506
Kansas City, Missouri 64114

SOLE or JOINT INVENTOR

Inventor: Steve Dispensa (Printed Name)  (Signature)

Citizenship: United States of America Date: 2-12-02

Post Office Address: 5601 W. 133rd Terrace, Shawnee Mission, KS 66209-4053

Residence: 5601 W. 133rd Terrace, Shawnee Mission, KS 66209-4053

1st Witness: _____ (Type or Print) _____ (Signature)

2nd Witness: _____ (Type or Print) _____ (Signature)

SOLE or JOINT INVENTOR

Inventor: Steve Myers (Printed Name) _____ (Signature)

Citizenship: United States of America Date: _____

Post Office Address: 1000 S. E. Oak Hill Drive, Lee's Summit, MO 64081

Residence: 1000 S. E. Oak Hill Drive, Lee's Summit, MO 64081

1st Witness: _____ (Type or Print) _____ (Signature)

2nd Witness: _____ (Type or Print) _____ (Signature)

SOLE or JOINT INVENTOR

Inventor: Jason M. Sloderbeck
(Printed Name)

Jason M. Sloderbeck
(Signature)

Citizenship: United States of America

Date: 2/12/02

Post Office Address: 1018 Broadway, Apt. 304, Kansas City, MO 64105

Residence: 1018 Broadway, Apt. 304, Kansas City, MO 64105

1st Witness: _____
(Type or Print)

(Signature)

2nd Witness: _____
(Type or Print)

(Signature)

SOLE or JOINT INVENTOR

Inventor: John Spaeth
(Printed Name)

(Signature)

Citizenship: United States of America

Date: _____

Post Office Address: 10929 Bales Avenue, Kansas City, MO 64137

Residence: 10929 Bales Avenue, Kansas City, MO 64137

1st Witness: _____
(Type or Print)

(Signature)

2nd Witness: _____
(Type or Print)

(Signature)

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For valuable consideration received, I hereby sell, assign and transfer to Sprint Communications Company L.P., a corporation 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 corporation 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 corporation, its successors, assigns or nominees. If I fail to perform those acts requested in the previous sentence, damages will be the amount of any honorarium that I received for this invention(s). This will not preclude Sprint or its successors, assigns and nominees from taking any action for securing, maintaining, or vesting title to Sprint, or its successors, assigns and nominees.

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I authorize and empower said corporation, 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 corporation 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.

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 Kansas City, Missouri 64114

SOLE or JOINT INVENTOR

Inventor: Steve Dispensa (Printed Name) _____ (Signature)

Citizenship: United States of America Date: _____

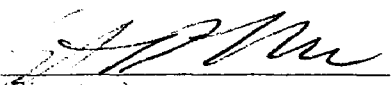
Post Office Address: 5601 W. 133rd Terrace, Shawnee Mission, KS 66209-4053

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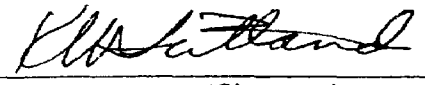
SOLE or JOINT INVENTOR

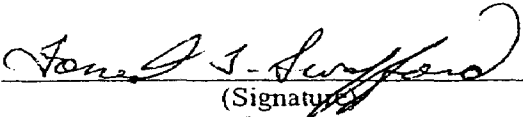
Inventor: Steve Myers (Printed Name)  (Signature)

Citizenship: United States of America Date: 10-8-01

Post Office Address: 1000 S. E. Oak Hill Drive, Lee's Summit, MO 64081

Residence: 1000 S. E. Oak Hill Drive, Lee's Summit, MO 64081

1st Witness: Kenneth W. Heitland (Type or Print)  (Signature)

2nd Witness: Forrest S. Havel (Type or Print)  (Signature)

SOLE or JOINT INVENTOR

Inventor: Jason M. Sloderbeck
(Printed Name) (Signature)

Citizenship: United States of America Date: _____

Post Office Address: 1018 Broadway, Apt. 304, Kansas City, MO 64105

Residence: 1018 Broadway, Apt. 304, Kansas City, MO 64105

1st Witness: _____
(Type or Print) (Signature)

2nd Witness: _____
(Type or Print) (Signature)

SOLE or JOINT INVENTOR

Inventor: John Spaeth
(Printed Name) (Signature)

Citizenship: United States of America Date: _____

Post Office Address: 10929 Bales Avenue, Kansas City, MO 64137

Residence: 10929 Bales Avenue, Kansas City, MO 64137

1st Witness: _____
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 (Type or Print) (Signature)

2nd Witness: _____
 (Type or Print) (Signature)

SOLE or JOINT INVENTOR

Inventor: Jason M. Sloderbeck
(Printed Name)

(Signature)

Citizenship: United States of America

Date: _____

Post Office Address: 1018 Broadway, Apt. 304, Kansas City, MO 64105

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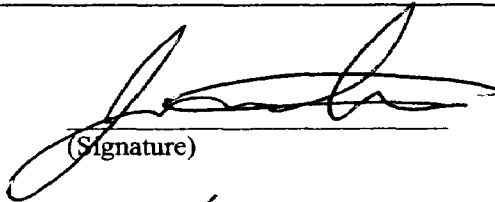
(Signature)

2nd Witness: _____
(Type or Print)

(Signature)

SOLE or JOINT INVENTOR

Inventor: Jonathon Spaeth
(Printed Name)



(Signature)

Citizenship: United States of America

Date: 6/12/02

Post Office Address: 2205 Cottage Grove, Cleveland, OH 44118

Residence: 2205 Cottage Grove, Cleveland, OH 44118

1st Witness: _____
(Type or Print)

(Signature)

2nd Witness: _____
(Type or Print)

(Signature)