

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Lyle Walter Paczkowski</td> <td>09/24/2013</td> </tr> <tr> <td>Matthew C. Schlesener</td> <td>09/25/2013</td> </tr> <tr> <td>Carl Joseph Persson</td> <td>09/24/2013</td> </tr> <tr> <td>William M. Parsel</td> <td>09/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lyle Walter Paczkowski	09/24/2013	Matthew C. Schlesener	09/25/2013	Carl Joseph Persson	09/24/2013	William M. Parsel	09/24/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Sprint Communications Company L.P.</td> </tr> <tr> <td>Street Address:</td> <td>6391 Sprint Parkway</td> </tr> <tr> <td>Internal Address:</td> <td>Law Department</td> </tr> <tr> <td>City:</td> <td>Overland Park</td> </tr> <tr> <td>State/Country:</td> <td>KANSAS</td> </tr> <tr> <td>Postal Code:</td> <td>66251</td> </tr> </table>		Name:	Sprint Communications Company L.P.	Street Address:	6391 Sprint Parkway	Internal Address:	Law Department	City:	Overland Park	State/Country:	KANSAS	Postal Code:	66251
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CORRESPONDENCE DATA													
<p>Fax Number: 9135239161  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (913) 315-9262        Email: jamie@setterroche.com        Correspondent Name: SPRINT        Address Line 1: 6391 SPRINT PARKWAY        Address Line 2: KSOPHT0101-Z2100        Address Line 4: OVERLAND PARK, KANSAS 66251-2100</p>													
ATTORNEY DOCKET NUMBER:	9135												
NAME OF SUBMITTER:	David J. Bovitz												

CH \$40.00 14036454

Signature:	/David J. Bovitz/
Date:	09/25/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

## 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 "AUTHORIZATION OF COMMUNICATION LINKS BETWEEN END USER DEVICES USING INTERMEDIARY NODES" described in an application for Letters Patent of the United States of America filed on [DATE], 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 COMMUNICATIONS COMPANY L.P., 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.

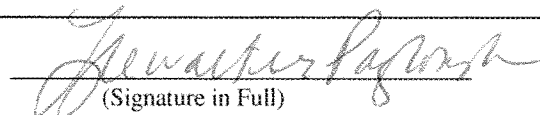
This Agreement and Assignment supersedes all other assignments, agreements and addendums related to the above-identified application.

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

Attn: Melissa A. Jobe  
Sprint  
6391 Sprint Parkway  
Mailstop: KSOPHT0101-Z2100  
Overland Park, KS 66251-2100

## SOLE OR JOINT

Inventor (1): Lyle Walter Paczkowski

  
(Signature in Full)

Citizenship: US

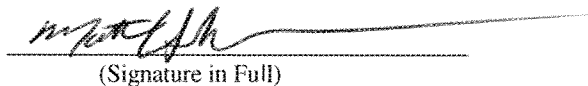
Date: 24 Sept 13

Post Office Address: 2402 West 70th Terrace, Mission Hills, KS 66208

Residence: Mission Hills, KS

## SOLE OR JOINT

Inventor (2): Matthew C. Schlesener

  
(Signature in Full)

Citizenship: US


Date: Sept 25, 2013

Post Office Address: 7581 Legler Street, Shawnee, KS 66217

Residence: Shawnee, KS

## SOLE OR JOINT

Inventor (3): Carl Joseph Persson

  
(Signature in Full)

Citizenship: US

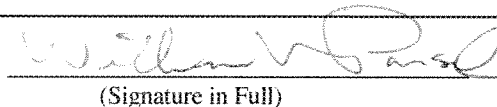
Date: 9/24/2013

Post Office Address: 14291 West 129th Terrace, Olathe, KS 66062

Residence: Olathe, KS

## SOLE OR JOINT

Inventor (4): William M. Parsel

  
(Signature in Full)

Citizenship: US

Date: 9/24/13

Post Office Address: 12904 Mastin, Overland Park, KS 66213

Residence: Overland Park, KS