

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2709307

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---------------|-----------------|-------------------------------------|--|----------------|---------------|----------------|------------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|----------------|---------|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the NAME OF ASSIGNEE TO AT&T INTELLECTUAL PROPERTY II, L.P. previously recorded on Reel 031930 Frame 0474. Assignor(s) hereby confirms the ASSIGNMENT FROM ASSIGNOR AT&T INTELLECTUAL PROPERTY II, L.P. TO ASSIGNEE RPX CORPORATION. | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <th>Name</th> <th>Execution Date</th> </tr> <tr> <td>AT&T INTELLECTUAL PROPERTY II, L.P.</td> <td>12/30/2013</td> </tr> </table> | | Name | Execution Date | AT&T INTELLECTUAL PROPERTY II, L.P. | 12/30/2013 | | | | | | | | | | | | | | | | | | | | | | |
| Name | Execution Date | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AT&T INTELLECTUAL PROPERTY II, L.P. | 12/30/2013 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>RPX CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>ONE MARKET PLAZA, STEUART TOWER, SUITE 800</td> </tr> <tr> <td>City:</td> <td>SAN FRANCISCO</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94105</td> </tr> </table> | | Name: | RPX CORPORATION | Street Address: | ONE MARKET PLAZA, STEUART TOWER, SUITE 800 | City: | SAN FRANCISCO | State/Country: | CALIFORNIA | Postal Code: | 94105 | | | | | | | | | | | | | | | | |
| Name: | RPX CORPORATION | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Street Address: | ONE MARKET PLAZA, STEUART TOWER, SUITE 800 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: | SAN FRANCISCO | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Postal Code: | 94105 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <th>Property Type</th> <th>Number</th> </tr> <tr> <td>Patent Number:</td> <td>5539449</td> </tr> <tr> <td>Patent Number:</td> <td>5710591</td> </tr> <tr> <td>Patent Number:</td> <td>5761432</td> </tr> <tr> <td>Patent Number:</td> <td>6020915</td> </tr> <tr> <td>Patent Number:</td> <td>6011782</td> </tr> <tr> <td>Patent Number:</td> <td>6138144</td> </tr> <tr> <td>Patent Number:</td> <td>6307839</td> </tr> <tr> <td>Patent Number:</td> <td>6816469</td> </tr> <tr> <td>Patent Number:</td> <td>6889321</td> </tr> <tr> <td>Patent Number:</td> <td>7421499</td> </tr> <tr> <td>Patent Number:</td> <td>7734908</td> </tr> <tr> <td>Patent Number:</td> <td>7836186</td> </tr> </table> | | Property Type | Number | Patent Number: | 5539449 | Patent Number: | 5710591 | Patent Number: | 5761432 | Patent Number: | 6020915 | Patent Number: | 6011782 | Patent Number: | 6138144 | Patent Number: | 6307839 | Patent Number: | 6816469 | Patent Number: | 6889321 | Patent Number: | 7421499 | Patent Number: | 7734908 | Patent Number: | 7836186 |
| Property Type | Number | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 5539449 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 5710591 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 5761432 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 6020915 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 6011782 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 6138144 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 6307839 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 6816469 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 6889321 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 7421499 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 7734908 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patent Number: | 7836186 | | | | | | | | | | | | | | | | | | | | | | | | | | |

CORRESPONDENCE DATA

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Address Line 1: P.O. BOX 741715
Address Line 4: DALLAS, TEXAS 75374-1715

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| ATTORNEY DOCKET NUMBER: | RPXC-29189-ATT |
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|--------------------|--------------------|
| NAME OF SUBMITTER: | GREGORY M. HOWISON |
|--------------------|--------------------|

| | |
|------------|-----------------------------------|
| Signature: | /Gregory M. Howison, Reg. #30646/ |
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| Date: | 02/01/2014 |
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The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

| | |
|------------------------------------|--|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AT&T INTELLECTUAL PROPERTY I, L.P. | 12/30/2013 |
| RECEIVING PARTY DATA | |
| Name: | RPX CORPORATION |
| Street Address: | ONE MARKET PLAZA, STEUART TOWER, SUITE 800 |
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| State/Country: | CALIFORNIA |
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| PROPERTY NUMBERS Total: 12 | |
| Property Type | Number |
| Patent Number: | 5539449 |
| Patent Number: | 5710591 |
| Patent Number: | 6020915 |
| Patent Number: | 5761432 |

PATENT**REEL: 032150 FRAME: 0430**

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|----------------|---------|
| Patent Number: | 6011782 |
| Patent Number: | 6307839 |
| Patent Number: | 6138144 |
| Patent Number: | 6889321 |
| Patent Number: | 7734908 |
| Patent Number: | 6816469 |
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Correspondent Name: GREGORY M. HOWISON
Address Line 1: P.O. BOX 741715
Address Line 4: DALLAS, TEXAS 75374-1715

**ATTORNEY DOCKET
NUMBER:**

RPXC-29189-AT&T

NAME OF SUBMITTER:

GREGORY M. HOWISON

Signature:

/Gregory M. Howison, Reg. #30646/

Date:

01/09/2014

Total Attachments: 7

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RECEIPT INFORMATION

EPAS ID: PAT2674688
Receipt Date: 01/09/2014

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PATENT**REEL: 032150 FRAME: 0431**

EXHIBIT B2

ASSIGNMENT OF PATENTS

This Assignment of Patents ("**Assignment**") is made and entered into on this 30th day of Dec, 2013, by and between:

AT&T Intellectual Property II, L.P., a Nevada limited partnership, with a place of business at 645 E. Plumb Lane, Reno, Nevada 89502 ("**Assignor**"); and

RPX Corporation, a Delaware corporation, having a place of business at One Market Plaza, Steuart Tower, Suite 800, San Francisco, CA 94105 ("**Assignee**").

WHEREAS, Assignor is the owner of all right, title and interest in and to the patent and patent applications set forth on **Attachment A** attached hereto (the "**Assigned Patents**") and has agreed to assign and transfer to Assignee all right, title and interest in and to the Assigned Patents;

WHEREAS, Assignee is desirous of acquiring all right, title and interest in and to the Assigned Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby irrevocably assigns to Assignee all right, title and interest in and to (i) the Assigned Patents, including all rights pursuant to 35 U.S.C. § 154 relating thereto and all inventions disclosed therein; (ii) any and all patent applications and/or patents issuing from any continuing, divisional and continuation-in-part applications, and any requests for continuing examination, substitutions, reissues, extensions, renewals and reexaminations of any of the foregoing; (iv) all rights to apply in any country for any foreign counterpart, certification of invention or other governmental grant or issuance corresponding to any of the foregoing throughout the world, and (v) any and all past, present and future causes of action and other enforcement actions (including, without limitation, for injunctive remedies and relief) and rights to damages and profits, due or accrued, relating to any of the foregoing, including the right to sue and recover for, and the right to profits and damages, due or accrued, arising out of or in connection with, any and all past, present or future infringements or dilutions. The assignment of the Assigned Patents includes all documents related to the conception, diligence and reduction to practice of the inventions disclosed in the Assigned Patents and all domestic and international patent filing documents.

Assignor agrees upon request (and at the expense) of Assignee (or its successors, assigns, or legal representatives) to, and if Assignor is unable or unwilling to do so authorizes Assignee to act in Assignor's name to: execute all oaths, assignments, powers, and any other papers necessary to perform Assignor's obligations hereunder; testify in any proceeding, and otherwise take any action; and fully cooperate with Assignee to perform Assignor's obligations hereunder, in each case, related to securing and enforcing Assignee's rights related to this Assignment. Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark Office and any official of any other country whose duty it is to issue patents on the applications included in the Assigned Patents, to issue all Letters Patent for the inventions disclosed therein to Assignee, its successors and assigns.

[Signature Page Follows]

IN WITNESS WHEREOF, Assignor has caused this Assignment of Patents to be executed by its duly authorized representative on the date set forth below.

ASSIGNOR:

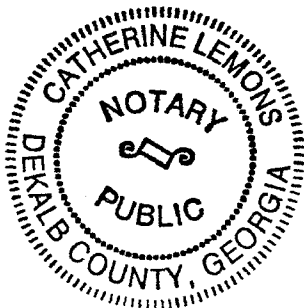
AT&T Intellectual Property II, L.P.

By: Deborah W. Perantoni
Deborah W. Perantoni, Assistant Secretary
By its General Partner, AT&T Intellectual Property, Inc.

On this 30th day of Dec., 2013, before me, a Notary Public, appeared Deborah W. Perantoni, who is personally known to me or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to this Assignment document.

Witness my hand and official seal:

Catherine Lemons
Notary Public



Notary Public, DeKalb County, Georgia
My Commission Expires July 2, 2016

ATTACHMENT A

LIST OF PATENTS AND PATENT APPLICATIONS

| Docket Number | Country | Relation Type | Patent Number | Application Number | Application Date | Grant Date | Title | Status |
|---------------|---------|-----------------|---------------|--------------------|------------------|------------|--|-----------|
| 106203 | USA | Original Filing | 5539449 | 08/056973 | 5/3/1993 | 7/23/1996 | Integrated Television Services System | Patented |
| | AU | | 5933994 | 1994-059339D | 4/7/1994 | 11/10/1994 | Integrated television services system | Unknown |
| 106203 | JAPA | Original Filing | | 113418/1994 | 5/2/1994 | - | Integrated Television Services System | Abandoned |
| 106203 | EPC | Original Filing | | 94302776.3 | 4/20/1994 | - | Integrated Television Services System | Abandoned |
| | DE | | 624039 | 1994-302776 | 4/20/1994 | 11/9/1994 | Integrated television services system | Abandoned |
| | ES | | 624039 | 1994-302776 | 4/20/1994 | 11/9/1994 | Integrated television services system | Abandoned |
| | FR | | 624039 | 1994-302776 | 4/20/1994 | 11/9/1994 | Integrated television services system | Abandoned |
| | GB | | 624039 | 1994-302776 | 4/20/1994 | 11/9/1994 | Integrated television services system | Abandoned |
| | IT | | 624039 | 1994-302776 | 4/20/1994 | 11/9/1994 | Integrated television services system | Abandoned |
| 106203 | CANA | Original Filing | 2116801 | 2116801 | 3/2/1994 | 12/28/1999 | Integrated Television Services System | Patented |
| 106203 | ASTL | Original Filing | 660387 | 59339/94 | 4/7/1994 | 10/31/1995 | Integrated Television Services System | Lapsed |
| 109350 | USA | Original Filing | 5710591 | 08/495747 | 6/27/1995 | 1/20/1998 | Method And Apparatus For Recording And Indexing An Audio And Multimedia Conference | Patented |
| 111041 | US | CIP | 6020915 | 08/735,286 | 10/22/1996 | 1/2/2000 | Method and system for providing an analog voice-only endpoint with pseudo multimedia service | Abandoned |
| 109350 | PCT | Original Filing | | PCT/US96/10884 | 6/27/1996 | - | Method and Apparatus for Recording and Indexing An Audio and Multimedia Conference | Expired |

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| 109350 | MEXI | Original Filing | 196221 | 9800220 | 6/27/1996 | 4/27/2000 | Method And Apparatus For Recording And Indexing An Audio And Multimedia Conference | Patented |
| 109350 | JAPA | Original Filing | 3620855 | 504527/1997 | 6/27/1996 | 11/26/2004 | Method And Apparatus For Recording And Indexing An Audio And Multimedia Conference | Patented |
| 109350 | GERM | Original Filing | 69624250.8 | 96924297.3 | 6/27/1996 | 10/9/2002 | Method And Apparatus For Recording And Indexing An Audio And Multimedia Conference | Patented |
| 109350 | GBRI | Original Filing | 846395 | 96924297.3 | 6/27/1996 | 10/9/2002 | Method And Apparatus For Recording And Indexing An Audio And Multimedia Conference | Patented |
| 109350 | FRAN | Original Filing | 846395 | 96924297.3 | 6/27/1996 | 10/9/2002 | Method And Apparatus For Recording And Indexing An Audio And Multimedia Conference | Patented |
| | ES | | 846395 | 1996-924297 | 6/27/1996 | 10/9/2002 | Method and apparatus for recording and indexing an audio and multimedia conference | Abandoned |
| | IT | | 846395 | 1996-924297 | 6/27/1996 | 10/9/2002 | Method and apparatus for recording and indexing an audio and multimedia conference | Abandoned |
| 109350 | EPC | Original Filing | 846395 | 96924297.3 | 6/27/1996 | 10/9/2002 | Method And Apparatus For Recording And Indexing An Audio And Multimedia Conference | Expired |
| 109350 | CANA | Original Filing | 2227173 | 2227173 | 6/27/1996 | 2/26/2002 | Method and Apparatus for Recording and Indexing An Audio and Multimedia Conference | Patented |
| 109623 | USA | Original Filing | 5761432 | 08/680943 | 7/15/1996 | 6/2/1998 | Method and Apparatus for Providing an Efficient Use of Telecommunication Network Resources | Patented |
| 109623 | JAPA | Original Filing | | 188839/1997 | 7/15/1997 | - | Method And Apparatus For Providing An Efficient Use Of Telecommunication Network Resources | Lapsed |

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|---------|------|-----------------|---------|----------------|------------|------------|--|-----------|
| 109623 | EPC | Original Filing | | 97112051.4 | 7/15/1997 | - | Method And Apparatus For Providing An Efficient Use Of Telecommunication Network Resources | Abandoned |
| | DE | | 820203 | 1997-112051 | 7/15/1997 | 4/26/2000 | Method and apparatus for providing an efficient use of telecommunication network resources | Abandoned |
| | FR | | 820203 | 1997-112051 | 7/15/1997 | 4/26/2000 | Method and apparatus for providing an efficient use of telecommunication network resources | Abandoned |
| | GB | | 820203 | 1997-112051 | 7/15/1997 | 4/26/2000 | Method and apparatus for providing an efficient use of telecommunication network resources | Abandoned |
| 109623 | CANA | Division | 2339741 | 2339741 | 6/17/1997 | 12/31/2002 | Method And Apparatus For Providing An Efficient Use Of Telecommunication Network Resources | Patented |
| 109623 | CANA | Original Filing | 2207867 | 2207867 | 6/17/1997 | 4/10/2001 | Method And Apparatus For Providing An Efficient Use Of Telecommunication Network Resources | Patented |
| 111693 | USA | Original Filing | 6011782 | 08/848456 | 5/8/1997 | 1/4/2000 | Method for Managing Multicast Addresses for Transmitting and Receiving Multimedia Conferencing In | Patented |
| 111693 | PCT | Original Filing | | PCT/US98/06447 | 4/1/1998 | - | Method for Managing Multicast Addresses for Transmitting and Receiving Multimedia Conferencing In | Abandoned |
| 112917 | USA | Original Filing | 6307839 | 09/001425 | 12/31/1997 | 10/23/2001 | Dynamic Bandwidth Allocation For Use In The Hybrid Fiber Twisted Pair Local Loop Network Service Arc | Patented |
| 111693A | USA | Original Filing | 6138144 | 08/881763 | 6/24/1997 | 10/24/2000 | Method for managing multicast addresses for transmitting and receiving multimedia conferencing information on an | Patented |

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|-----------|------|-----------------|------------|------------|------------|----------|---|----------|
| | | | | | | | internet protocol (IP) network implemented over an ATM network | |
| 111693A | GERM | Original Filing | 69840616.8 | 888029 | 6/12/1998 | 3/4/2009 | Method for managing multicast addresses for transmitting and receiving multimedia conferencing information on an internet protocol (IP) network implemented over an ATM network | Patented |
| 111693A | GBRI | Original Filing | 888029 | 98304672.3 | 6/12/1998 | 3/4/2009 | Method for managing multicast addresses for transmitting and receiving multimedia conferencing information on an internet protocol (IP) network implemented over an ATM network | Patented |
| 111693A | FRAN | Original Filing | 888029 | 98304672.3 | 6/12/1998 | 3/4/2009 | Method for managing multicast addresses for transmitting and receiving multimedia conferencing information on an internet protocol (IP) network implemented over an ATM network | Lapsed |
| 111693A | EPC | Original Filing | 888029 | 98304672.3 | 6/12/1998 | 3/4/2009 | Method for managing multicast addresses for transmitting and receiving multimedia conferencing information on an internet protocol (IP) network implemented over an ATM network | Expired |
| 111693A | CANA | Original Filing | 2240687 | 2240687 | 6/15/1998 | 7/8/2003 | Method for managing multicast addresses for transmitting and receiving multimedia conferencing information on an internet protocol (IP) network implemented over an ATM network | Patented |
| 1999-0283 | USA | Original Filing | 6889321 | 09/475661 | 12/30/1999 | 5/3/2005 | Protected IP Telephony Calls Using Encryption | Patented |

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|-----------|-----|-----------------|---------|-----------|------------|------------|--|----------|
| 1999-0283 | USA | Continuation | 7734908 | 10/973754 | 10/26/2004 | 6/8/2010 | Protected IP Telephony Calls Using Encryption | Patented |
| 1999-0359 | USA | Original Filing | 6816469 | 09/475142 | 12/30/1999 | 11/9/2004 | IP Conference Call Waiting | Patented |
| 2001-0258 | USA | Original Filing | 7421499 | 10/119159 | 4/10/2002 | 9/2/2008 | Automated Adjustment Of IP Address Lease Time Based On Usage | Patented |
| 2001-0258 | USA | Continuation | 7836186 | 12/186478 | 8/5/2008 | 11/16/2010 | Automated Adjustment Of IP Address Lease Time Based On Usage | Patented |