

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2776956

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER COATES	10/19/2005
ROBERT COLAMUSSI	10/13/2005
LOUISE BOTTE	10/20/2005
ROBERT T. JOHNSON	10/13/2005
CESAR DAVILA	10/07/2005
LAURA JAQUEZ	10/12/2005
JON BAGGETT	10/12/2005
VANESSA BELL	10/07/2005
JAMES HASSENZAHN	10/12/2005
JAMES GUNTHER	10/13/2005
NANCY MATT	10/20/2005
ELVIRA DJONOVIC	10/20/2005
MICHAEL JOEDECKE	10/12/2005
ESTHER FONG	10/10/2005
FREDRICK MILLER	10/10/2005
JOAN ENGLER	10/26/2005
DENNIS ADAMS	10/24/2005

RECEIVING PARTY DATA

Name:	VERIZON SERVICES CORP.
Street Address:	1310 NORTH COURT HOUSE ROAD
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22201
Name:	VERIZON CORPORATE SERVICES GROUP INC.
Street Address:	1095 AVENUE OF THE AMERICAS
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10036

PROPERTY NUMBERS Total: 1

502730350

PATENT
REEL: 032483 FRAME: 0012

Property Type	Number
Application Number:	13908383

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ATTORNEY DOCKET NUMBER:	65632-0882
NAME OF SUBMITTER:	ANDREA BLENDEA
SIGNATURE:	/Andrea Blendea/
DATE SIGNED:	03/20/2014

Total Attachments: 20

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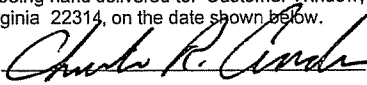
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Assignment

I hereby certify that this correspondence is being hand delivered to: Customer Window, U.S. Patent and Trademark Office, Randolph Building, 401 Dulany Street, Alexandria, Virginia 22314, on the date shown below.

Dated: November 2, 2005

Signature:  (Christian Andersen)

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this _____ day of _____, _____, by Christopher Coates; Robert Colamussi; Louis Botte; Robert T. Johnson; Cesar Davila; Laura Jaquez; Jon Baggett; Vanessa Bell; James Hassenzahl; James Gunther; Nancy Matt; Elvira Djonovic; Michael Joedecke; Esther Fong; Fredrick Miller; Joan Engler; and Dennis Adams (hereinafter referred to as Assignors), residing at 9 Harrison Court, West Paterson, New Jersey 07424; 125 Buttercup Lane, Huntington, New York 11743; 15 De Mott Avenue, Rockville Centre, New York 11570-1608; 720 Meadowlark Lane, Coppell, Texas 75019; 1345 Jeanette Way, Carrollton, Texas 75006; 2057 Terence Lane, Lewisville, Texas 75067; 7 Saddlewood Ct., Mansfield, Texas 76063; 810 Sutton Court, Irving, Texas 75062; 1714 Red Bud Lane, Euless, Texas 76039; 6101 Meadow Hill, Colleyville, Texas 76034; 25 Valhalla Road, Montville, New Jersey 07045; 15 Bank Lane, Hicksville, New York 11801; 244 East 79 St. Apt. 2C, New York, New York 10021; 251 Clinton St. #N1, New York, New York 10002; 877 Auburnville Way, Unit C1, Whitman, Massachusetts 02382; 6 Avon Drive, Freehold, New Jersey 07728; and 3521 Pebble Beach Drive, Farmers Branch, Texas 75234, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SYSTEMS AND METHODS FOR MODELING TELECOMMUNICATION SWITCH INVESTMENTS, set forth in a Patent application for Letters Patent of the United States, filed herewith; and

WHEREAS, Verizon Services Corp. and Verizon Corporate Services Group Inc., a Corporation and Corporation, respectively organized under and pursuant to the laws of Delaware and Delaware, respectively having their principal places of business at 1310 North Court House Road, Arlington, Virginia 22201; and 1095 Avenue of the Americas, New York, New York 10036, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters

Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said

inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

All practitioners at Customer Number 32127; Joel Wall, Reg. No. 25,648; Leonard C. Suchyta, Reg. No. 25,707; Adam T. Bernstein, Reg. No. 36,746; and Joseph R. Palmieri, Reg. No. 40,760.

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Christopher G. Coates

Christopher Coates

Date: October 19, 2005

United States of America)

State of)

New York

County of)

New York

On this 19th day of October, 2005, before me
personally came Christopher Coates, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Robert Colamussi
Robert Colamussi

Date: 10/13/05

United States of America)
State of) ss.:
County of)

On this _____ day of _____, before me
personally came Robert Colamussi, to me known to be the individual
executed in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

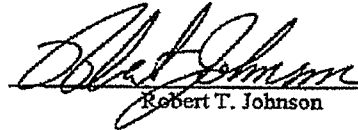
Louis H. Botte
Louis Botte

Date: October 28, 1865

United States of America }
State of _____) ss.:
County of _____)

On the _____ day of _____, before me
personally came Louis Botte, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

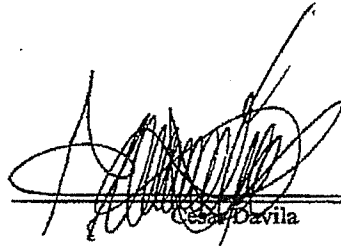

Robert T. Johnson

Date: 10/13/2005

United States of America)
State of TEXAS) ss.:
County of DALLAS)

On this _____ day of _____, _____, before me
personally came Robert T. Johnson, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public



Cesar Davila

Date: 10/07/2005

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came Cesar Davila, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public



Laura Jaquez

Date: 10/12/2005

United States of America)
State of) ss.:
County of)

On this _____ day of _____, _____, before me
personally came Laura Jaquez, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

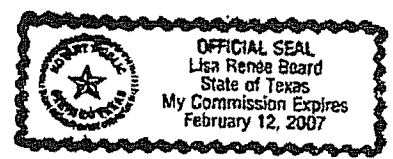
Jon Baggett
Jon Baggett

Date: October 12, 2005

United States of America)
State of TEXAS) ss.:
County of Tarrant)

On this 12th day of October, 2005, before me personally came Jon Baggett, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Lisa Renee Board
Notary Public



Vanessa Bell
Vanessa Bell

Date: 7 Oct 2005

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came Vanessa Bell, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

James Hassenzahl
James Hassenzahl

Date: 10-12-2005

United States of America)
State of Texas) ss.:
County of Dallas)

On this 12th day of October, 2005, before me
personally came James Hassenzahl, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Meghan A. Vickery
Notary Public

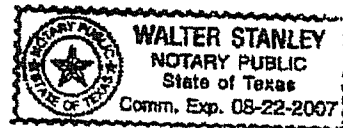
James Gunther
James Gunther

Date: 10-13-2005

United States of America)
State of TEXAS) ss.:
County of TARRANT)

On this 13TH day of OCTOBER, 2005, before me
personally came James Gunther, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Walter Stanley
Notary Public



Nancy Matt
Nancy Matt

Date: 10/20/05

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came Nancy Matt, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public _____

Elvira Djonovic

7 1/2
1000000 000,000

United States of America

State of

County of

Elvira Djonovic

In this

date of

personally came

Elvira Djonovic


to me known to be the individual

described in and who executed the foregoing instrument and acknowledged it to be true and correct of the same.

Notary Public

PATENT

REEL: 032483 FRAME: 0028


Michael Joedecke

Date: 10/12/05

United States of America)
State of) ss.:
County of)

On this _____ day of _____, before me
personally came MICHAEL JOEDECKE, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Esther Fong

Esther Fong

Date: 10/16/05

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came Esther Fong, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Fredrick Miller
Fredrick Miller

Date: 10/18/05

United States of America)
State of) ss.:
County of)

On this _____ day of _____, before me
personally came Fredrick Miller, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public


Joan Engler

Date: 10-26-05

United States of America }
State of _____ } ss:
County of _____ }

On this _____ day of _____, before me
personally came Joan Engler, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Dennis Adams

Dennis Adams

Date: 10-24-2005

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me
personally came Dennis Adams, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public