Leonard C. Suchyta, Esq. Reg. No. 25,707 Name of Person Signing

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PATENT

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P.16/17 6178736091

Attorney's Docket No. 04-4003

ASSIGNMENT (Joint) **Worldwide Rights**

THIS ASSIGNMENT, by William Timothy Strayer, Christine Elaine Jones, Isidro Marcos Castineyra, and Regina Rosales Hain, residing at 80 Adena Rosal, West Newton, MA 02465;1928 South Century Lane, Spokane Valley, WA 99037; 10 Waldo Street, Somerville, MA 02143 and 12 Fieldstone Drive, Winchester, MA 01890 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in METHOD AND SYSTEM FOR AGGREGATING ALGORITHMS FOR DETECTING LINKED INTERACTIVE COMPUTER NETWORK CONNECTIONS set forth in an application for Letters Patent of the United States,

(1)	which is a provisional application (a) filed herewith; or (b) bearing Application No, and filed on; or
(2)	which is a non-provisional application
	(a) having an oath or declaration executed on even date herewith prior to filing of application;
	(b) bearing Application No, and filed on
	(c) Siled herewith; and

WHEREAS, Verizon Corporate Services Group Inc. and BBN Technologies L.L.C., corporations duly organized under and pursuant to the laws of New York and Delaware and having their principal place of business at 1095 Avenue of the Americas, New York, New York 10036 and 10 Moulton Street, Cambridge, Massachusetts 02138 (hereinaster referred to as "the Assignee"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including any previously or subsequently filed provisional applications, for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell. assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, provisional applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the 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, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or

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Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, 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 Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

William Timothy Strayer

Christine Elaine Jones

Date:

Date: 7/1/2004

Witness Signature

Witness Name

Attorney's Docket No. 04-4003

ASSIGNMENT (Joint) Worldwide Rights

THIS ASSIGNMENT, by William Timothy Strayer. Christine Elaine Jones, Isidro Marcos Castinevra, and Regina Rosales Hain, residing at 80 Adena Road, West Newton, MA 02465;1928 South Century Lane, Spokane Valley, WA 99037; 10 Waldo Street, Somerville, MA 02143 and 12 Fieldstone Drive, Winchester, MA 01890 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in METHOD AND SYSTEM FOR AGGREGATING ALGORITHMS FOR DETECTING LINKED INTERACTIVE COMPUTER NETWORK CONNECTIONS set forth in an application for Letters Patent of the United States,

(1)	(a) filed herewith; or (b) bearing Application No, and filed on; or
(2)	which is a non-provisional application (a) having an oath or declaration executed on even date herewith prior to filing of application;
	(b) bearing Application No, and filed on
	(c) ifiled herewith; and

WHEREAS, Verizon Corporate Services Group Inc. and BBN Technologies L.L.C., corporations duly organized under and pursuant to the laws of New York and Delaware and having their principal place of business at 1095 Avenue of the Americas, New York, New York 10036 and 10 Moulton Street, Cambridge, Massachusetts 02138 (hereinafter referred to as "the Assignee"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including any previously or subsequently filed provisional applications, for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known that for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, provisional applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignce, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the 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, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or

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Joint Assignment Attorney's Docket No.: 04-4003

Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, 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 Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

William Timothy Strayer	Witness Signature
Date:	Witness Name
Christine Elaine Jones	Churyl E. Price Witness Signature
Date: 7-2-2004	Cheryl E. Price Witness Name
Isidro Marcos Castineyra	Witness Signature
Date:	Witness Name
Regina Rosales Hain	Witness Signature
Date:	Witness Name

RECORDED: 03/10/2005