

BBNT Solutions LLC**TRADEMARK SCHEDULE**

| Mark | Serial No./Reg. No. | Filing Date/Reg. Date |
|--|----------------------------|------------------------------|
| BBN (Cl. 38, 42) | 1,570,262 | December 5, 1989 |
| BBN (Cl. 9) | 2,108,439 | October 28, 1997 |
| BBN (Cl. 37, 38, 41) | 2,106,307 | October 21, 1997 |
| BBN (and Design) (Cl. 9) | 2,113,537 | November 18, 1997 |
| BBN (and Design) (Cl. 37, 38, 42) | 2,113,400 | November 18, 1997 |
| BBN PLANET | 2,104,333 | October 7, 1997 |
| BBN PLANET (and Design) (Cl. 37, 38, 42) | 2,148,533 | April 7, 1998 |
| BBN Stylized (Cl. 9) | 850,189 | June 4, 1968 |
| BUTTERFLY (Cl. 9) | 1,498,347 | August 2, 1988 |
| E-VOLVE (Cl. 16) | 2,772,864 | October 14, 2003 |
| GENISCOPE (Cl. 9) | 2,125,626 | December 30, 1997 |
| REFLECTOR (Cl. 9, 42) | 75/388,051 | November 11, 1997 |
| TRACEMAKER (Cl. 9) | 75/762,674 | July 28, 1999 |

PATENT AND TRADEMARK SECURITY AGREEMENT

This PATENT AND TRADEMARK SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the "IP Security Agreement") dated March 26, 2004, is made by BBNT SOLUTIONS LLC, a Delaware limited liability company (the "Debtor"), in favor of FLEET NATIONAL BANK, as Agent (the "Secured Party").

WHEREAS, the Debtor has entered into a Credit Agreement dated as of March 26, 2004 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), with the Secured Party, and the Lenders from time to time parties thereto. Terms defined in the Credit Agreement and not otherwise defined herein are used herein as defined in the Credit Agreement.

WHEREAS, as a condition precedent to the making of any loans or otherwise extending credit under the Credit Agreement, the Debtor has executed and delivered that certain Security Agreement made by the Debtor and the other debtors parties thereto to the Secured Party dated as of March 26, 2004 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement").

WHEREAS, under the terms of the Security Agreement, the Debtor has granted a security interest in, among other property, certain intellectual property of the Debtor to the Secured Party, and has agreed as a condition thereof to execute this IP Security Agreement covering such intellectual property for recording with the U.S. Patent and Trademark Office, the United States Copyright Office and other governmental authorities.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Debtor agrees as follows:

SECTION 1. Grant of Security. The Debtor hereby grants to the Secured Party a security interest in and to all of the Debtor's right, title and interest in and to the following (the "Collateral"):

(i) The United States patents, patent applications; and patent licenses set forth in Schedule A hereto (as such Schedule A may be supplemented from time to time by supplements to the Security Agreement and this IP Security Agreement, each such supplement being in substantially the form of Appendix A hereto (an "IP Security Agreement Supplement"), executed and delivered by such Debtor to the Secured Party from time to time), together with all reissues, divisions, continuations, continuations-in-part, extensions and reexaminations thereof, and all rights therein provided by international treaties or conventions (the "Patents");

(ii) The United States trademark and service mark registrations, applications, and licenses set forth in Schedule B hereto (as such Schedule B may be supplemented from time to time by supplements to the Security Agreement and IP Security Agreement Supplements executed and delivered by the Debtor to the Secured Party from time to time), (the "Trademarks");

(iii) The copyrights, United States copyright registrations and applications and copyright licenses set forth in Schedule C hereto (as such Schedule C may be supplemented from time to time by supplements to the Security Agreement and IP Security Agreement Supplements executed and delivered by the Debtor to the Secured Party from time to time) (the "Copyrights");

(iv) any and all claims for damages for past, present and future infringement, misappropriation or breach with respect to the Patents, Trademarks and Copyrights, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(v) any and all proceeds of the foregoing.

SECTION 2. Recordation. The Debtor authorizes and requests that the Register of Copyrights, the Commissioner of Patents and Trademarks and any other applicable government officer record this IP Security Agreement.

SECTION 3. Execution in Counterparts. This Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 4. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. The Debtor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Secured Party with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein.

IN WITNESS WHEREOF, the Debtor has caused this Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first above written.

BBNT SOLUTIONS LLC

By: 

Name: William G. Fitzgerald

Title: Assistant Secretary

Address for Notices:

BBNT Solutions LLC
10 Moulton Street
Cambridge, MA 02138

SCHEDULE A

Patents

Schedule A

| Socket No. | Country | Ser. No. | App. No. | App. Date | Pat No. | Grant Date | Sub Stat. |
|--|---------------|----------|----------|------------|-----------|------------|-----------|
| 97-431 | United States | 8/ | 990,222 | 12/12/1997 | 6,175,872 | 1/16/2001 | Issued |
| COLLABORATIVE ENVIRONMENT FOR SYNCHRONIZING AUDIO FROM REMOTE DEVICES | | | | | | | |
| 98-404 CPA 1 | United States | 9/ | 127,685 | 7/31/1998 | 6,405,188 | 6/11/2002 | Issued |
| INFORMATION RETRIEVAL SYSTEM | | | | | | | |
| 98-404 CPA1CON2 | United States | 10 | 95,821 | 3/12/2002 | | | Published |
| AN IMPROVED INFORMATION RETRIEVAL SYSTEM | | | | | | | |
| 98-409 RCE 1 | United States | 9/ | 98,622 | 6/17/1998 | 6,310,893 | 10/30/2001 | Issued |
| METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK | | | | | | | |
| 98-409 RCE1CON1 | United States | 9/ | 938,923 | 8/24/2001 | | | Published |
| METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK | | | | | | | |
| 98-427 | United States | 9/ | 209,152 | 12/10/1998 | 6,347,366 | 2/12/2002 | Issued |
| SYSTEM AND METHOD FOR AUTOMATICALLY OPTIMIZING SOFTWARE PERFORMANCE | | | | | | | |
| 98-428 RCE 1 | United States | 9/ | 305,411 | 5/5/1999 | | | Pending |
| SYSTEM ENTRY POINT TO CROSS-DOMAIN INFORMATION THAT IS RETURNED DIRECTLY TO THE USER | | | | | | | |
| 98-428 RCE 2 | United States | 9/ | 285,992 | 4/5/1999 | | | Pending |
| NETWORKED SYSTEM FOR MANAGEMENT OF REMOTE PROCESSORS AND CONTROLLERS | | | | | | | |

TRADEMARK
 REEL 002868 FRAME: 0765

Schedule A

Docket No. -----

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99 415 RCE : United States 9/ 430,883 11/1/1999 Pending

SELF-VERIFYING REFERENCES FOR INTERNET DOCUMENTS

99-463A United States 9/ 725,762 11/30/2000 Published

SYSTEMS AND METHODS FOR IMPLEMENTING GLOBAL VIRTUAL CIRCUITS IN PACKET-SWITCHED NETWORKS

99-463B United States 9/ 725,939 11/30/2000 Published

SYSTEMS AND METHODS FOR NEGOTIATING VIRTUAL CIRCUIT PATHS IN PACKET-SWITCHED NETWORKS

99-463C United States 9/ 726,056 11/30/2000 Published

SYSTEMS AND METHODS FOR IMPLEMENTING SECOND-LINK ROUTING IN PACKET SWITCHED NETWORKS

00-3001 United States 9/ 544,628 4/6/2000 6,442,856 9/3/2002 Issued

EXTENDABLE TOOL FOR USE MARKING ANGULAR LINES

97-415 United States 7/ 505,779 4/6/1990 5,301,337 4/5/1994 Issued

DISTRIBUTED RESOURCE MANAGEMENT SYSTEM USING HASHING OPERATION TO DIRECT RESOURCE REQUEST FROM DIFFERENT PROCESSORS TO THE PROCESSOR CONTROLLING THE REQUESTED RESOURCE

97-417 United States 8/ 838,914 4/11/1997 5,848,403 12/8/1998 Issued

SYSTEM AND METHOD FOR GENETIC ALGORITHM SCHEDULING SYSTEMS

REEL: 002868 FRAME: 0767

Schedule A

| Docket No. | Country | Ser. No. | App. No. | App. Date | Pat. No. | Grant Date | Sub. Stat. |
|---|---------------|----------|----------|------------|-----------|------------|------------|
| 97-426 | United States | 7/ | 808,913 | 12/17/1991 | 5,319,735 | 6/7/1994 | Issued |
| EMBEDDED SIGNALLING | | | | | | | |
| 97-430 | United States | 8/ | 710,101 | 9/11/1996 | 5,682,328 | 10/28/1997 | Issued |
| CENTRALIZED COMPUTER EVENT DATA LOGGING SYSTEM | | | | | | | |
| 97-441 | United States | 9/ | 261,971 | 3/3/1999 | 6,590,889 | 7/8/2003 | Issued |
| DATA COMMUNICATIONS SYSTEM AND HYBRID TIME-CODE MULTIPLEXING METHOD | | | | | | | |
| 97-446 | United States | 8/ | 928,712 | 9/12/1997 | 6,160,811 | 12/12/2000 | Issued |
| DATA PACKET ROUTER | | | | | | | |
| 97-447 | United States | 8/ | 656,546 | 5/31/1996 | 5,734,649 | 3/31/1998 | Issued |
| DATA PACKET ROUTER | | | | | | | |
| 97-457 | United States | 6/ | 701,116 | 2/13/1985 | 4,730,347 | 10/13/1987 | Issued |
| DIGITAL PHASE ADJUSTMENT | | | | | | | |
| 97-458 | United States | 7/ | 296,617 | 1/13/1989 | 4,943,941 | 7/24/1990 | Issued |
| WAITING POINT PROCESSOR EMPLOYING COUNTER CONTROLLED SHIFTING | | | | | | | |
| 97-464 | United States | 7/ | 695,311 | 5/3/1991 | 5,319,781 | 7/7/1994 | Issued |
| GENERATION OF SCHEDULES USING A GENETIC PROCEDURE | | | | | | | |

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| Docket No. | Country | Ser. No. App. No. | App. Date | Pat No. | Grant Date | Sub Stat |
|------------|---------------|-------------------|------------|-----------|------------|----------|
| 97-467 | United States | 277,993 | 11/30/1988 | 5,041,971 | 8/20/1991 | Issued |

MEMORY ACCESSING SWITCH NETWORK

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| Docket No. | Country | Ser. No. | App. No. | App. Date | Pat. No. | Grant Date | Sub. Stat. |
|--|---------------|----------|----------|------------|-----------|------------|------------|
| 97-474 | United States | 7/ | 453,107 | 12/18/1989 | 5,155,727 | 10/13/1992 | Issued |
| METHOD OF COUPLING A DATA TRANSMITTER UNIT TO A SIGNAL LINE AND APPARATUS FOR PERFORMING THE INVENTION | | | | | | | |
| 98-410 | United States | 9/ | 434,642 | 11/5/1999 | 6,633,854 | 10/14/2003 | Issued |
| SYSTEM AND METHOD FOR ANALYZING GENERIC ALGORITHMS | | | | | | | |
| 98-417 RCE 1 | United States | 9/ | 220,716 | 12/24/1998 | 6,480,879 | 11/12/2002 | Issued |
| FRAMEWORK FOR PROVIDING QUALITY OF SERVICE REQUIREMENTS IN A DISTRIBUTED OBJECT-ORIENTED COMPUTER SYSTEM | | | | | | | |
| 98-418 | United States | 9/ | 220,530 | 12/24/1998 | 5,629,126 | 9/30/2003 | Issued |
| FRAMEWORK FOR PROVIDING QUALITY OF SERVICE REQUIREMENTS IN A DISTRIBUTED OBJECT-ORIENTED COMPUTER SYSTEM | | | | | | | |
| 98-429 | United States | 9/ | 300,922 | 4/28/1999 | 6,609,087 | 8/19/2003 | Issued |
| FACT RECOGNITION SYSTEM | | | | | | | |
| 98-429 CON 1 | United States | 10 | 407,765 | 4/4/2003 | | | Pending |
| FACT RECOGNITION SYSTEM | | | | | | | |
| 98-433 RCE 1 | United States | 9/ | 220,613 | 12/24/1998 | 6,567,378 | 5/20/2003 | Issued |
| METHOD OF DISCARD SCHEME FOR IP TRAFFIC OVER A CELL RELAY INFRASTRUCTURE | | | | | | | |
| 98-438 | United States | 9/ | 408,959 | 9/30/1999 | | | Published |
| METHOD OF TWO-MODE OPERATIONAL SCHEME FOR MANAGING SERVICE AVAILABILITY OF A NETWORK GATEWAY | | | | | | | |

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|--|---------------|-------------------|------------|-----------|------------|-----------|
| 98-438 CON 1 | United States | 10 403,778 | 3/31/2003 | | | Pending |
| TWO-MODE OPERATIONAL SCHEME FOR MANAGING SERVICE AVAILABILITY OF A NETWORK GATEWAY | | | | | | |
| 99-401 RCE 1 | United States | 9/ 432,618 | 11/3/1999 | | | Pending |
| SYSTEM AND METHOD FOR LOGGING COMPUTER EVENT DATA IN A DISTRIBUTED SYSTEM (aka TRACEMAKER/PCI) | | | | | | |
| 99-403 RCE 1 | United States | 9/ 410,152 | 9/30/1999 | | | Pending |
| BANK ONLINE PAYMENT SERVICE | | | | | | |
| 99-407 | United States | 9/ 504,974 | 2/15/2000 | 6,693,899 | 2/17/2004 | Issued |
| SYSTEM AND METHOD FOR FACILITATING COMMUNICATION BETWEEN DISSIMILAR RADIO VOICE DEVICES (aka DRVC) | | | | | | |
| 99-408 | United States | 9/ 534,869 | 3/24/2000 | | | Pending |
| METHOD AND APPARATUS FOR DISSIMILAR RADIO CONNECTIVITY | | | | | | |
| 99-410 | United States | 9/ 404,098 | 9/23/1999 | | | Pending |
| DISTRIBUTED, HYBRID SIMULATION SYSTEM | | | | | | |
| 99-414 | United States | 9/ 421,714 | 10/20/1999 | 6,539,542 | 3/25/2003 | Issued |
| SYSTEM AND METHOD FOR AUTOMATICALLY OPTIMIZING HETEROGENEOUS MULTIPROCESSOR SOFTWARE PERFORMANCE | | | | | | |
| 99-420 | United States | 9/ 502,476 | 2/11/2000 | | | Allowed |
| DOMAIN-INDEPENDENT RECONFIGURABLE SCHEDULER | | | | | | |

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|--|---------------|----------------|-----------|-----------|-----------|-----------|
| 93-435 RCE 1 | United States | 9/ 503,143 | 2/15/2000 | | | Allowed |
| MESSAGE ROUTING COORDINATION IN COMMUNICATION SYSTEMS | | | | | | |
| 99-442 | United States | 9/ 533,467 | 3/23/2000 | | | Pending |
| METHOD AND APPARATUS FOR DETECTING UNRELIABLE OR COMPROMISED ROUTER/SWITCHES IN LINK STATE ROUTING | | | | | | |
| 99-451 | United States | 9/ 491,909 | 1/27/2000 | | | Pending |
| INEXPENSIVE, READILY DEPLOYABLE, HIGH CAPACITY UNDERWATER NETWORK | | | | | | |
| 98-421 CPA 1 | United States | 9/ 148,646 | 9/4/1998 | 6,240,051 | 5/29/2001 | Issued |
| GTE Service Corporation | | | | | | |
| ACOUSTIC SURVEILLANCE APPARATUS AND METHOD | | | | | | |
| 98-431 | United States | 9/ 393,506 | 9/10/1999 | 6,283,456 | 9/4/2001 | Issued |
| GTE Service Corporation | | | | | | |
| USE OF FLOW INJECTION AND EXTRACTION TO CONTROL BLADE VORTEX INTERACTION AND HIGH SPEED IMPULSIVE NOISE IN HELICOPTERS | | | | | | |
| 99-412 | United States | 9/ 536,191 | 3/27/2000 | | | Pending |
| GTE Service Corporation | | | | | | |
| SYSTEMS AND METHODS FOR COMMUNICATING IN A PERSONAL AREA NETWORK (aka BodyLAN) | | | | | | |
| 99-413 | United States | 9/ 348,383 | 7/7/1999 | 6,113,803 | 1/16/2001 | Issued |
| GTE Service Corporation | | | | | | |
| HIGH AMPLITUDE SOUND WAVE GENERATOR | | | | | | |
| 99-414 | United States | 8/ 228,755 | 4/18/1994 | 5,625,748 | 4/29/1997 | |
| Amazon Corporate Services Group Inc. | | | | | | |
| METHOD AND APPARATUS FOR ESTIMATING THE PROBABILITY OF A COMMUNICATIONS DISCRIMINATOR USING POSTERIOR PROBABILITY OR CONFIDENCE SCORES | | | | | | |

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97-406 CPA 1 United States 8/ 530,162 4/10/1996 5,933,525 8/3/1999 Issued
 Verizon Corporate Services Group Inc.

LANGUAGE-INDEPENDENT AND SEGMENTATION-FREE OPTICAL CHARACTER RECOGNITION SYSTEM AND METHOD

97-407 United States 8/ 848,972 5/2/1997 6,052,682 4/18/2000 Issued
 Verizon Corporate Services Group Inc.

METHOD OF AND APPARATUS FOR RECOGNIZING AND LABELING INSTANCES OF NAME CLASSES IN TEXTUAL ENVIRONMENTS

97-412 United States 7/ 205,154 6/10/1988 4,965,152 10/2/1990
 Verizon Corporate Services Group Inc.

ADAPTIVE COMPUTING SYSTEM

97-413 United States 8/ 974,657 11/19/1997 5,930,202 7/27/1999 Issued
 Verizon Corporate Services Group Inc.

ACOUSTIC COUNTER-SNIPER SYSTEM

97-413 CIP 1 United States 9/ 322,359 5/28/1993 6,178,141 1/23/2001 Issued
 Verizon Corporate Services Group Inc.

ACOUSTIC COUNTER-SNIPER SYSTEM

97-414 United States 7/ 796,075 11/20/1991 5,206,839 4/27/1993
 Verizon Corporate Services Group Inc.

UNDERWATER SOUND SOURCE

97-419 United States 8/ 806,779 2/26/1997 5,826,864 10/27/1998 Issued
 Verizon Corporate Services Group Inc.

ACTIVE VIBRATION MOUNT

97-421 United States 6/ 565,147 12/22/1983 Secret/Classified
 Verizon Corporate Services Group Inc.

TELEPHONE

TRADEMARK
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| Docket No. | Country | Ser. No. App. No. | App. Date | Pat No. | Grant Date | Sub Stat. |
|--|---------------|-------------------|------------|-----------|------------|-----------|
| 97-423 Verizon Corporate Services Group Inc. | United States | 8/ 335,936 | 11/8/1994 | 5,796,849 | 8/18/1998 | |
| ACTIVE NOISE AND VIBRATION CONTROL SYSTEM ACCOUNTING FOR TIME VARYING PLANT, USING RESIDUAL SIGNAL TO CREATE PROBE SIGNAL | | | | | | |
| 97-424 Verizon Corporate Services Group Inc. | United States | 8/ 349,627 | 12/5/1994 | 5,628,407 | 5/13/1997 | |
| METHOD AND APPARATUS FOR SEPARATION OF MAGNETICALLY RESPONSIVE SPHERES | | | | | | |
| 97-427 Verizon Corporate Services Group Inc. | United States | 8/ 611,695 | 3/6/1996 | 5,699,357 | 12/16/1997 | |
| PERSONAL DATA NETWORK | | | | | | |
| 97-427 CIP 1 Verizon Corporate Services Group Inc. | United States | 8/ 949,959 | 10/14/1997 | 6,128,290 | 10/3/2000 | Issued |
| PERSONAL DATA NETWORK | | | | | | |
| 97-428 CIP 1 Verizon Corporate Services Group Inc. | United States | 8/ 681,706 | 7/2/1996 | 5,673,236 | 9/30/1997 | |
| UNDERWATER ACOUSTIC PROJECTOR | | | | | | |
| 97-433 Verizon Corporate Services Group Inc. | United States | 9/ 5,960 | 1/9/1998 | 6,185,531 | 2/6/2001 | Issued |
| TOPIC INDEXING METHOD | | | | | | |
| 97-436 Verizon Corporate Services Group Inc. | United States | 8/ 823,867 | 3/25/1997 | 5,831,401 | 11/3/1998 | Issued |
| IMPEDANCE CONTROLLER | | | | | | |
| 97-438 Verizon Corporate Services Group Inc. | United States | 9/ 60,070 | 4/15/1998 | 5,952,621 | 9/14/1999 | Issued |
| SCHEMATIC ATTENUATION SYSTEM AND RELATED METHOD | | | | | | |

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97-439 RCE 1 United States 9/ 61,868 4/17/1998 Pending

TEST CELL LINER WITH IMPROVED SOUND ATTENUATION CHARACTERISTICS

97-440 United States 8/ 876,648 6/16/1997 6,049,758 4/11/2000 Issued

RESERVOIR MONITORING

97-448 United States 8/ 92,127 7/15/1993 5,359,902 11/1/1994

LOAD CELL

97-449 CIP 1 United States 9/ 530,662 5/2/2000 6,604,432 8/12/2003 Issued

SOIL COMPACTION MEASUREMENT

97-451 United States 8/ 779,588 1/7/1997 5,809,843 9/22/1998 Issued

ACTIVE CANCELLATION OF NOISE AT GEAR MESH FREQUENCIES FOR A GEAR ASSEMBLY UNDER LOAD

97-456 United States 9/ 114,649 7/13/1998 6,266,577 7/24/2001 Issued

SYSTEM FOR DYNAMICALLY RECONFIGURE WIRELESS ROBOT NETWORK

97-461 United States 8/ 362,133 12/22/1994 5,587,615 12/24/1996

ELECTROMAGNETIC FORCE GENERATOR

97-462 United States 8/ 538,904 10/4/1995 5,615,868 4/1/1997

ACTIVE PNEUMATIC MOUNT

REEL: 002868 FRAME: 0777

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|---|---------------|----------|----------|------------|-----------|------------|------------|
| 97-463 | United States | 7/ | 575,326 | 8/30/1990 | 5,266,854 | 11/30/1993 | |
| Verizon Corporate Services Group Inc. | | | | | | | |
| ELECTROMAGNETIC TRANSDUCER | | | | | | | |
| 98-401 | United States | 9/ | 216,072 | 12/18/1998 | 6,040,672 | 3/21/2000 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | | |
| ELECTROACTIVE WAVEFORM CONTROL DEVICE AND RELATED METHOD | | | | | | | |
| 98-402 | United States | 9/ | 387,664 | 8/31/1999 | 6,164,957 | 12/26/2000 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | | |
| TRANSDUCER FOR GAS FLARE PILOT FLAME DETECTION | | | | | | | |
| 98-408 | United States | 9/ | 263,437 | 3/4/1999 | 6,058,075 | 5/2/2000 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | | |
| SYSTEM FOR CANCELING INTERFERERS FROM BROADBAND ACTIVE SONAR SIGNALS USING ADAPTIVE BEAMFORMING METHODS | | | | | | | |
| 98-413 | United States | 9/ | 127,199 | 7/31/1998 | 6,009,047 | 12/28/1999 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | | |
| SOUND GENERATION DEVICE | | | | | | | |
| 98-419 | United States | 9/ | 304,025 | 5/3/1999 | 6,059,274 | 5/9/2000 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | | |
| VIBRATION REDUCTION SYSTEM USING IMPEDANCE REGULATED ACTIVE MOUNTS AND METHOD FOR REDUCING VIBRATION | | | | | | | |
| 98-440 | United States | 9/ | 312,519 | 5/14/1999 | 6,127,799 | 10/3/2000 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | | |
| METHOD AND APPARATUS FOR WIRELESS POWERING AND RECHARGING | | | | | | | |
| 99-016 | United States | 9/ | 416,335 | 10/12/1999 | 6,621,795 | 9/16/2003 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | | |
| PARALLEL MANAGER FOR USE IN MULTIPLE-CHANNEL NETWORKS | | | | | | | |

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|---|---------------|----------------|-----------|-----------|------------|-----------|
| 99-441 | United States | 9/ 504,785 | 2/15/2000 | | | Pending |
| Verizon Corporate Services Group Inc. | | | | | | |
| METHOD AND APPARATUS FOR DISTRIBUTING LINK STATE ROUTING INFORMATION IN AN AD HOC WIRELESS NETWORK | | | | | | |
| 97-447 A0 | Australia | 30,765/97 | 5/20/1997 | 732,586 | 8/9/2001 | Issued |
| DATA PACKET ROUTER | | | | | | |
| 97-403 BL | Belgium | 95,915,682.9 | 4/14/1995 | 708,960 | 11/21/2001 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | |
| TOPIC DISCRIMINATOR USING POSTERIOR PROBABILITY OR CONFIDENCE SCORES | | | | | | |
| 98-409 CN | Canada | 2,335,021 | 6/15/1999 | | | Pending |
| METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK | | | | | | |
| 97-419 CN | Canada | 2,282,518 | 2/26/1998 | 2,282,518 | 1/28/2003 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | |
| ACTIVE VIBRATION MOUNT | | | | | | |
| 97-423 CN | Canada | 2,162,245 | 11/6/1995 | | | Pending |
| Verizon Corporate Services Group Inc. | | | | | | |
| ACTIVE NOISE AND VIBRATION CONTROL SYSTEM ACCOUNTING FOR TIME VARYING PLANT, USING RESIDUAL SIGNAL TO CREATE PROBE SIGNAL | | | | | | |
| 97-440 CN | Canada | 2,294,602 | 6/15/1998 | | | Pending |
| Verizon Corporate Services Group Inc. | | | | | | |
| RESERVOIR MONITORING | | | | | | |
| 97-449 CN | Canada | 2,245,007 | 1/23/1997 | 2,245,007 | 12/24/2002 | Issued |
| Verizon Corporate Services Group Inc. | | | | | | |
| SOIL COMPACTION MEASUREMENT | | | | | | |
| 97-462 CN | Canada | 2,239,981 | 9/23/1996 | | | Pending |
| Verizon Corporate Services Group Inc. | | | | | | |
| ACTIVE PNEUMATIC MOUNT | | | | | | |

REF: 002868 TRADEMARK FRAME: 0779

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|---|----------------------------|--------------|-----------|---------|-------------------|
| 98-440 CN | Canada | 2,373,911 | 5/5/2000 | | Pending |
| Verizon Corporate Services Group Inc. | | | | | |
| METHOD AND APPARATUS FOR WIRELESS POWERING AND RECHARGING | | | | | |
| 97-419 EP | European Patent Convention | 98,907,625.0 | 2/26/1998 | | Published |
| ACTIVE VIBRATION MOUNT | | | | | |
| 97-447 FP | European Patent Convention | 97,925,702.9 | 5/20/1997 | | Pending |
| DATA PACKET ROUTER | | | | | |
| 97-449 EP | European Patent Convention | 97,904,835.0 | 1/23/1997 | | Published |
| SOIL COMPACTION MEASUREMENT | | | | | |
| 98-404 EP | European Patent Convention | 99,937,529.8 | 7/28/1999 | | Published |
| AN IMPROVED INFORMATION RETRIEVAL SYSTEM | | | | | |
| 98-408 EP | European Patent Convention | 99,937,127.1 | 3/8/1999 | | Published |
| SYSTEM FOR CANCELING INTERFERERS FROM BROADBAND ACTIVE SONAR SIGNALS USING ADAPTIVE BEAMFORMING METHODS | | | | | |
| 97-409 EP | European Patent Convention | 95,931,801.7 | 6/15/1999 | | Published |
| METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK | | | | | |
| 97-403 EP | European Patent Convention | 95,915,682.9 | 4/14/1995 | 708,960 | 11/21/2001 Issued |
| Verizon Corporate Services Group Inc. | | | | | |
| TOPIC DISCRIMINATOR USING POSTERIOR PROBABILITY OR CONFIDENCE SCORES | | | | | |

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97-423 EP European Patent Convention 95,307,979.5 11/8/1995 712,115 9/4/2002 Issued
 Verizon Corporate Services Group Inc.

ACTIVE NOISE AND VIBRATION CONTROL SYSTEM ACCOUNTING FOR TIME VARYING PLANT,
 USING RESIDUAL SIGNAL TO CREATE PROBE SIGNAL

97-451 EP European Patent Convention 98,902,399.9 1/6/1998 Published
 Verizon Corporate Services Group Inc.

ACTIVE CANCELLATION OF NOISE AT GEAR MESH FREQUENCIES FOR A GEAR ASSEMBLY UNDER
 LOAD

97-403 GW West Germany 95,915,682.9 4/14/1995 708,960 11/21/2001 Issued
 Verizon Corporate Services Group Inc.

TOPIC DISCRIMINATOR USING POSTERIOR PROBABILITY OR CONFIDENCE SCORES

98-409 IS Israel 139,486 6/15/1999 Pending

METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE
 NETWORK

99-435 IS Israel 141,440 2/15/2001 Pending

MESSAGE ROUTING COORDINATION IN COMMUNICATION SYSTEMS

97-447 JA Japan 09-009,217 5/20/1997 3,256,456 11/30/2001 Issued

PACKET ROUTER

97-467 JA Japan 312,212 11/30/1989 2,781,623 5/15/1998 Issued

MEMORY ACCESSING SWITCH NETWORK

98-404 JA Japan 2000-562,844 7/28/1999 Published

HUMAN IMPROVED INFORMATION RETRIEVAL SYSTEM UTILIZING PROBABILITIES

REEL: 002868 FRAME: 0781

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|------------|---------|----------------|-----------|---------|-----------|-----------|
| 98-409 JA | Japan | 2000-555,380 | 6/15/1999 | | | Published |

METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK

| | | | | | | |
|-----------|-------|------------|-----------|--|--|-----------|
| 97-403 JA | Japan | 527,135/95 | 4/14/1995 | | | Published |
|-----------|-------|------------|-----------|--|--|-----------|

TOPIC DISCRIMINATOR USING POSTERIOR PROBABILITY OR CONFIDENCE SCORES

| | | | | | | |
|-----------|-------|------------|-----------|--|--|---------|
| 97-423 JA | Japan | 07-324,990 | 11/8/1995 | | | Pending |
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ACTIVE NOISE AND VIBRATION CONTROL SYSTEM ACCOUNTING FOR TIME VARYING PLANT, USING RESIDUAL SIGNAL TO CREATE PROBE SIGNAL

| | | | | | | |
|-----------|-------|------------|------------|--|--|-----------|
| 97-461 JA | Japan | 08-520,017 | 12/21/1995 | | | Published |
|-----------|-------|------------|------------|--|--|-----------|

ELECTROMAGNETIC FORCE GENERATOR

| | | | | | | |
|-----------|-------|------------|-----------|--|--|-----------|
| 97-462 JA | Japan | 09-514,295 | 9/23/1996 | | | Published |
|-----------|-------|------------|-----------|--|--|-----------|

ACTIVE PNEUMATIC MOUNT

| | | | | | | |
|-----------|-------------|--------------|-----------|--|--|---------|
| 97-419 KO | Korea South | 7,007,777/99 | 2/26/1998 | | | Pending |
|-----------|-------------|--------------|-----------|--|--|---------|

ACTIVE VIBRATION MOUNT

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|--|---------------|-------------------|------------|-----------|------------|-----------|
| 00-4001 | United States | 9/ 736,807 | 12/14/2000 | | | Published |
| DELIVERING MESSAGES TO A NODE AT A FOREIGN NETWORK | | | | | | |
| 00-4005 | United States | 9/ 748,047 | 12/22/2000 | | | Published |
| PLAYING SOUND DATA RECEIVED OVER A NETWORK | | | | | | |
| 00-4007 | United States | 9/ 658,207 | 9/8/2000 | | | Pending |
| SYSTEM AND METHOD FOR SELECTING AND DISSEMINATING POLICIES | | | | | | |
| 00-4008 | United States | 9/ 614,491 | 7/11/2000 | | | Pending |
| METHODS AND SYSTEMS FOR ANONYMOUS TASKING VIA PERSISTENT STORAGE | | | | | | |
| 00-4010 | United States | 9/ 596,009 | 6/16/2000 | | | Pending |
| EXCISING COMPROMISED ROUTERS FROM AN AD HOC NETWORK | | | | | | |
| 00-4014 | United States | 9/ 690,414 | 10/17/2000 | 6,454,047 | 9/24/2002 | Issued |
| SYSTEM AND METHOD FOR PHASED NOISE ATTENUATION | | | | | | |
| 00-4014 DIV2 | United States | 10 103,672 | 3/21/2002 | | | Published |
| SYSTEM AND METHOD FOR PHASED NOISE ATTENUATION | | | | | | |
| 00-4015 | United States | 9/ 573,603 | 5/18/2000 | | | Pending |
| SYSTEM AND METHOD FOR TURNING A TELEPHONE CONVERSATION INTO A BINDING CONTRACT | | | | | | |
| 00-4016 | United States | 9/ 573,860 | 5/18/2000 | | | Pending |

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SYSTEMS AND METHODS FOR CREATING WIRELESS SMALL WORLD NETWORKS

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|---|---------------|-------------------|-----------|-----------|------------|-----------|
| 00-4017 | United States | 9/ 624,796 | 7/25/2000 | | | Pending |
| SYSTEM AND METHOD FOR TESTING PROTOCOLS FOR AD HOC NETWORKS | | | | | | |
| 00-4020 | United States | 9/ 626,303 | 7/26/2000 | | | Pending |
| SYSTEMS AND METHODS FOR IMPEDING TRAFFIC ANALYSIS NETWORKS | | | | | | |
| 00-4022 | United States | 9/ 626,493 | 7/27/2000 | | | Pending |
| SYSTEMS AND METHODS FOR LOW-POWER WIRELESS BROADCASTING ADVERTISING | | | | | | |
| 00-4032 | United States | 9/ 656,265 | 9/6/2000 | | | Pending |
| SYSTEMS AND METHODS FOR VEHICLE CUSTOMIZATION | | | | | | |
| 00-4033 | United States | 9/ 708,864 | 11/8/2000 | 6,366,220 | 4/2/2002 | Issued |
| RF TAG BASED SYSTEM AND METHOD FOR DRIVE-THROUGH APPLICATIONS | | | | | | |
| 00-4034 | United States | 9/ 627,083 | 7/27/2000 | | | Pending |
| SENDING MESSAGES TO RADIO-SILENT NODES IN AD HOC WIRELESS NETWORKS | | | | | | |
| 00-4035 | United States | 9/ 733,364 | 12/8/2000 | | | Published |
| MECHANISM FOR PERFORMING ENERGY-BASED ROUTING IN WIRELESS NETWORKS | | | | | | |
| 00-4038 | United States | 9/ 842,564 | 4/26/2001 | 6,422,089 | 7/23/2002 | Issued |
| LOAD MEASUREMENT DEVICE | | | | | | |
| 00-4038 CON1 | United States | 10 138,272 | 5/3/2002 | | | Allowed |

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LOAD MEASUREMENT DEVICE

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|---|---------------|-------------------|------------|---------|------------|-----------|
| 00-4040 | United States | 9/ 792,243 | 2/23/2001 | | | Published |
| GENETIC ALGORITHM TECHNIQUES AND APPLICATIONS | | | | | | |
| 00-4041 | United States | 9/ 737,108 | 12/14/2000 | | | Published |
| PUBLISHING NODE INFORMATION | | | | | | |
| 00-4042 | United States | 9/ 993,174 | 11/14/2001 | | | Pending |
| CONSTANT ENVELOPE SIGNAL SYSTEM AND METHOD | | | | | | |
| 00-4043 | United States | 9/ 736,834 | 12/14/2000 | | | Published |
| ROUTING MESSAGES BETWEEN NODES AT A FOREIGN SUB-NETWORK | | | | | | |
| 00-4044 | United States | 9/ 736,827 | 12/14/2000 | | | Published |
| NETWORK COMMUNICATION BETWEEN HOSTS | | | | | | |
| 00-4050 | United States | 9/ 879,705 | 6/12/2001 | | | Pending |
| PLATFORM INDEPENDENT PROJECT BUILD AND MANAGEMENT TOOL | | | | | | |
| 00-4051 | United States | 9/ 990,648 | 11/21/2001 | | | Published |
| SYSTEMS AND METHODS FOR MONITORING RF POWER | | | | | | |
| 00-4052 | United States | 9/ 933,380 | 8/20/2001 | | | Pending |
| AUTOMATIC SETTING OF TIME-TO-LIVE FIELDS FOR PACKETS IN AN AD HOC NETWORK | | | | | | |

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00-4053 United States 10 285,721 11/1/2002 Pending

SYSTEM AND METHOD FOR REDUCING BROADCAST TRAFFIC ON WIRELESS ACCESS-POINT NETWORKS

00-4054 United States 9/ 938,925 8/24/2001 Pending

SYSTEMS AND METHODS FOR NON-INTRUSIVE UPGRADES TO LEGACY SYSTEMS

00-4055 United States 10 44,001 1/11/2002 Pending

PARKING LOT WITH VARIABLE PRICING AND WEB-BASED RESERVATIONS

00-4056 United States 10 167,620 10/19/2001 Published

METHOD AND SYSTEM FOR PASSIVELY ANALYZING COMMUNICATION DATA BASED ON FREQUENCY ANALYSIS OF ENCRYPTED DATA TRAFFIC, AND METHOD AND SYSTEM FOR DETERRING PASSIVE ANALYSIS OF COMMUNICATION DATA (aka SHAPESHIFTER)

00-4056 CIP1 United States 10 212,324 9/5/2002 Pending

ENCODING OF SIGNALS TO FACILITATE TRAFFIC ANALYSIS

00-4056 CIP2 United States 10 243,489 9/13/2002 Pending

METHODS AND SYSTEMS FOR PASSIVE INFORMATION DISCOVERY USING LONG PERIODOGRAM PROCESSING

00-4056 CIP3 United States 10 264,777 10/4/2002 Published

SPATIAL DIMENSION ANALYSIS FOR DATA STREAM ISOLATION

00-4056 CIP4 United States 10 245,089 9/17/2002 Pending

METHODS AND SYSTEMS FOR SIMULTANEOUSLY DETECTING SHORT AND LONG TERM

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PERIODICITY FOR TRAFFIC FLOW IDENTIFICATION

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| 00-4056 CIP5 | United States | 10 254,161 | 9/25/2002 | | | Published |
| METHODS AND SYSTEMS FOR PASSIVE INFORMATION DISCOVERY USING CROSS SPECTRAL DENSITY AND COHERENCE PROCESSING | | | | | | |
| 00-4056 CIP6 | United States | 10 289,247 | 11/6/2002 | | | Published |
| SYSTEMS AND METHODS FOR IDENTIFYING ANOMALIES IN NETWORK DATA STREAMS | | | | | | |
| 00-4056CIPICIP1 | United States | 10 652,541 | 8/29/2003 | | | Pending |
| DETERMINING CHARACTERISTICS OF RECEIVED VOICE DATA PACKETS TO ASSIST PROSODY ANALYSIS | | | | | | |
| 00-4057 | United States | 9/ 949,417 | 9/7/2001 | | | Pending |
| DIGITAL NETWORK PROCESSOR-BASED MULTI-PROTOCOL FLOW CONTROL | | | | | | |
| 00-4059 | United States | 9/ 938,921 | 8/24/2001 | | | Pending |
| TERNARY CONTENT ADDRESSABLE MEMORY EMBEDDED IN A CENTRAL PROCESSING UNIT | | | | | | |
| 00-4060 | United States | 9/ 948,812 | 9/7/2001 | | | Pending |
| ROUND-ROBIN SWITCH SCHEDULER WITH RANDOM SOURCE SWAPPING | | | | | | |
| 00-4061 | United States | 9/ 949,354 | 9/7/2001 | | | Allowed |
| NETWORK PROCESSOR HAVING CYCLIC REDUNDANCY CHECK IMPLEMENTED IN HARDWARE | | | | | | |
| 00-4062 | United States | 9/ 950,268 | 9/10/2001 | | | Pending |
| SYSTEMS AND METHODS FOR PROVIDING DYNAMIC BUFFERING MANAGEMENT | | | | | | |

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00-4063 United States 10 26,181 11/19/2001 Pending

METHOD AND APPARATUS FOR RECORDING AND SYNTHESIZING POSITION DATA

00-4065A United States 9/ 916,601 7/26/2001 Pending

SYSTEM AND METHOD FOR PREVENTING THE USE OF A CELLULAR PHONE WHILE MOVING

00-4065B United States 9/ 916,602 7/26/2001 Pending

SYSTEMS AND METHODS FOR DENYING MOBILE COMMUNICATION SERVICE ACCESS BASED ON MOBILE TERMINAL MOVEMENT

00-4066 United States 9/ 915,261 7/25/2001 5,678,590 1/13/2004 Issued

VEHICLE NAVIGATION SYSTEM WITH VISION SYSTEM PREPROCESSOR USING MPEG ENCODER (aka ROBOT VISION SYSTEM PREPROCESSOR USING MPEG ENCODER)

00-4067 United States 9/ 927,749 8/10/2001 6,661,152 1/20/2004 Issued

PREDICTIVE ACTIVE COMPENSATION SYSTEMS

00-4069 United States 9/ 944,328 8/31/2001 Pending

QUANTUM CRYPTOGRAPHIC KEY DISTRIBUTION NETWORKS WITH UNTRUSTED SWITCHES

00-4071 United States 9/ 966,280 9/26/2001 Pending

CHANNEL-EFFICIENT PACKET SCHEDULING FOR AD HOC NETWORKS

00-4072 United States 9/ 971,500 10/5/2001 Pending

NEAR-NON-BLOCKING SWITCH SCHEDULER FOR THREE-STAGE BANYAN SWITCHES

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01-4002 United States 9/ 966,919 9/28/2001 Pending Pending

SYSTEMS AND METHODS FOR DETECTING AND MEASURING SINUSOID SIGNALS

01-4015 United States 9/ 943,709 8/31/2001 Pending Pending

SYSTEMS AND METHODS FOR PATH SET-UP IN A QUANTUM KEY DISTRIBUTION NETWORK

01-4016 United States 10 26,182 11/19/2001 Pending Pending

INFORMATION DISPLAY FOR NETWORKED RADIOS

01-4017 United States 9/ 991,024 11/14/2001 Pending Pending

SYSTEMS AND METHODS FOR OPERATING AN ELECTRONIC BOARD GAME

01-4018 United States 9/ 998,435 11/30/2001 6,567,035 5/20/2003 Issued

SYSTEMS AND METHODS FOR NETWORKING RADAR DETECTORS

01-4019 United States 10 39,308 11/1/2001 Pending Pending

SELF-ORGANIZING WIRELESS NETWORKS WITH MULTIPLE TRANSCIVERS

01-4021 United States 10 210,387 7/31/2002 Pending Pending

VISUAL PROGRAMMING LANGUAGE FOR ENCOURAGING MATHEMATICAL EXPLORATION (aka FUNCTION MACHINE)

01-4022 United States 9/ 991,102 11/21/2001 Pending Pending

SYSTEMS AND METHODS FOR PROVIDING DYNAMIC GLOBES AND/OR MAPS



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|---|---------------|-------------------|------------|---------|------------|-----------|
| 01-4023 | United States | 9/ 999,353 | 11/15/2001 | | | Pending |
| SYSTEMS AND METHODS FOR SCALABLE ROUTING IN AD-HOC WIRELESS SENSOR NETWORKS | | | | | | |
| 01-4024A1 | United States | 10 94,135 | 3/11/2002 | | | Published |
| CONTENT-REQUEST REDIRECTION METHOD AND SYSTEM | | | | | | |
| 01-4024B1 | United States | 10 94,133 | 3/11/2002 | | | Published |
| CONTENT-REQUEST REDIRECTION METHOD AND SYSTEM | | | | | | |
| 01-4026 | United States | 10 26,183 | 11/19/2001 | | | Pending |
| SYSTEMS AND METHODS FOR PROVIDING AND MONITORING ACCESS WITH UNIQUE IDENTIFIERS | | | | | | |
| 01-4027 | United States | 9/ 993,004 | 11/14/2001 | | | Pending |
| DIRECTIONAL ANTENNAS FOR AD HOC WIRELESS NETWORKS | | | | | | |
| 01-4029 | United States | 9/ 998,946 | 11/30/2001 | | | Pending |
| ENERGY EFFICIENT FORWARDING IN AD-HOC WIRELESS NETWORKS | | | | | | |
| 01-4029 CIP 1 | United States | 10 328,566 | 12/23/2002 | | | Pending |
| SERVER SCHEDULING IN AD-HOC WIRELESS NETWORKS | | | | | | |
| 01-4030 | United States | 10 60,698 | 1/30/2002 | | | Pending |
| COMPLIANT STATOR | | | | | | |
| 01-4031 | United States | 10 119,908 | 4/10/2002 | | | Pending |

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SYSTEM AND METHOD FOR CONTROLLING THE APPEARANCE OF DISPLAYED IMAGES

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|--|---------------|----------|----------|------------|----------|------------|------------|
| 01-4031 Clp 1 | United States | 10 | 277,864 | 10/22/2002 | | | Pending |
| SYSTEMS AND METHODS FOR CONTROLLING THE DISPLAYED APPEARANCE OF DISPLAYED IMAGES | | | | | | | |
| 01-4032E | United States | 9/ | 921,469 | 8/3/2001 | | | Pending |
| SYSTEM AND METHOD TO SUPPORT HIGH SPEED DATA CONNECTIONS TO RADIO LINKED DEVICES | | | | | | | |
| 01-4032C | United States | 9/ | 921,470 | 8/3/2001 | | | Pending |
| SYSTEM AND METHOD TO SUPPORT RADIO LINKS BETWEEN HIGH SPEED DATA PORTS AND VARYING BANDWIDTH DEVICES | | | | | | | |
| 01-4033 | United States | 10 | 22,083 | 11/19/2001 | | | Pending |
| SYSTEMS AND METHODS FOR BEACONING IN WIRELESS NETWORKS WITH LOW PROBABILITY OF DETECTION | | | | | | | |
| 01-4034 | United States | 10 | 39,621 | 10/24/2001 | | | Pending |
| RADIO WITH INTERNAL PACKET NETWORK | | | | | | | |
| 01-4035 | United States | 10 | 135,554 | 4/30/2002 | | | Pending |
| METHODS AND SYSTEMS FOR INCORPORATING TRUSTED AND UNTRUSTED NODES IN NETWORKS | | | | | | | |
| 01-4038 | United States | 10 | 75,753 | 2/14/2002 | | | Pending |
| OPERATING A DATABASE (aka RELEASE BUILDER) | | | | | | | |
| 01-4039 | United States | 10 | 336,196 | 1/3/2003 | | | Pending |
| EFFICIENT CONTENT REPLICATION IN AD HOC WIRELESS NETWORKS | | | | | | | |

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01-4040 United States 10 147,158 5/16/2002 Pending Pending

RAPIDLY DEPLOYABLE AD HOC NETWORK

01-4041 RCE 1 United States 10 60,609 1/30/2002 Pending Pending

MONITORING INTERACTIONS

01-4042 United States 10 44,074 1/11/2002 Pending Pending

AUTOMATED SOUVENIR WEB SITES

01-4043 United States 10 53,933 1/22/2002 Pending Pending

METHOD AND SYSTEMS OF TRANSMITTING DATA ON MODULATIONS OF BY-PRODUCT EMISSIONS

01-4045 United States 10 117,302 4/5/2002 Pending Pending

ACTIVE FILM BEARING

01-4047 United States 10 145,472 5/14/2002 Pending Pending

TRANSPORT PROTOCOLS FOR MOBILE COMPUTERS

01-4048 United States 10 145,414 5/14/2002 Pending Pending

NETWORK ADDRESSING PLAN FOR MOBILE COMPUTERS

01-4049 United States 10 197,659 7/17/2002 Pending Pending

KEY DISTRIBUTION CENTER FOR QUANTUM CRYPTOGRAPHIC KEY DISTRIBUTION NETWORKS

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| 01-4049 CIP 1 | United States | 10 | 216,652 | 8/14/2002 | | | Pending |
| METHODS AND SYSTEMS FOR DISTRIBUTING A GROUP KEY IN A QUANTUM CRYPTOGRAPHIC KEY DISTRIBUTION NETWORK | | | | | | | |
| 01-4051 | United States | 10 | 199,731 | 7/19/2002 | | | Pending |
| EFFICIENT DATA FLOODING USING BROADCAST MECHANISMS | | | | | | | |
| 01-4052 | United States | 10 | 184,380 | 6/28/2002 | | | Pending |
| METHOD AND SYSTEM FOR DISTRIBUTING LINK STATE UPDATES BASED ON ASSESSMENT OF COMMON NEIGHBORS | | | | | | | |
| 01-4053 | United States | 10 | 164,237 | 6/6/2002 | | | Pending |
| METHOD AND APPARATUS FOR VARYING TIMES/CHANNELS OF BROADCAST BEACONS | | | | | | | |
| 01-4054 | United States | 10 | 316,341 | 12/11/2002 | | | Pending |
| METHOD AND APPARATUS FOR LINK METRIC CALCULATION IN A COMPUTER NETWORK | | | | | | | |
| 01-4055 | United States | 10 | 122,438 | 4/12/2002 | | | Pending |
| QUALITY OF SERVICE BASED MEDIA ACCESS CONTROL FOR MOBILE AD HOC NETWORKS | | | | | | | |
| 01-4058 | United States | 10 | 234,554 | 9/4/2002 | | | Published |
| SYSTEMS AND METHODS FOR NETWORK PERFORMANCE MEASUREMENT USING PACKET SIGNATURE COLLECTION | | | | | | | |
| 01-4059A | United States | 10 | 104,625 | 3/22/2002 | | | Pending |
| DESCRIPTION-BASED FILE SYSTEM | | | | | | | |

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|---|---------------|-----------------|------------|---------|-----------|-----------------------------------|
| 01-4059B | United States | 10 104,566 | 3/22/2002 | | | Pending |
| MODULAR SYSTEM FOR TRACKING AND RE-RUNNING COMPUTATIONS | | | | | | |
| 01-4060 | United States | 10 66,229 | 1/31/2002 | | | Pending |
| GLOBALLY OPTIMIZED CHANNEL ACCESS FOR WIRELESS NETWORKS | | | | | | |
| 01-4062 | United States | 10 218,768 | 8/14/2002 | | | Pending |
| METHOD FOR IDENTIFYING CELLS FROM GENE EXPRESSION DATA | | | | | | |
| 01-4063 | United States | 10 397,639 | 3/26/2003 | | | Pending (foreign filing approved) |
| TEAM ACCESSION METHOD AND PROGRAM THEREFOR | | | | | | |
| 01-4064 | United States | 10 263,641 | 10/3/2002 | | | Published |
| EXECUTION UNIT FOR A NETWORK PROCESSOR | | | | | | |
| 01-4068 | United States | 10 62,989 | 1/31/2002 | | | Pending |
| DYNAMIC CHANNEL SCHEDULING BASED ON GLOBAL TRAFFIC FLOWS | | | | | | |
| 01-4069 | United States | 10 274,615 | 10/21/2002 | | | Pending |
| SYSTEMS AND METHODS FOR PARASITIC SYNCHRONIZATION OF RADIO NETWORKS | | | | | | |
| 01-4070 | United States | 10 230,658 | 8/29/2002 | | | Pending |
| DATA-BUFFERING APPARATUS AND METHOD | | | | | | |

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| 01-4077 | United States | 10 325,887 | 4/19/2002 | | | Pending |
| AUTONOMOUS SYSTEM AND METHODOLOGY FOR DISSEMINATING EXTERNAL REACHABILITY INFORMATION | | | | | | |
| 01-4078 | United States | 10 328,430 | 12/23/2002 | | | Pending |
| ELECTRIC PAPER FOR SOLAR HEATING | | | | | | |
| 01-4079 | United States | 10 274,775 | 10/21/2002 | | | Pending |
| METHOD AND SYSTEM FOR DESIGNING OR ANALYZING A PACKET-RADIO NETWORK EMPLOYING MEAN-FIELD APPROXIMATIONS | | | | | | |
| 01-4080 | United States | 10 265,961 | 10/7/2002 | | | Published |
| SYSTEMS AND METHODS FOR CREATING COVERT CHANNELS USING PACKET FREQUENCIES | | | | | | |
| 01-4082 | United States | 10 119,239 | 4/9/2002 | | | Pending |
| METHOD AND SYSTEM FOR DYNAMICALLY ALLOCATING RESPONSIBILITIES AND INFORMATION SHARING WITHIN A DECISION-MAKING TEAM | | | | | | |
| 01-4086 | United States | 10 217,708 | 8/12/2002 | | | Pending |
| PENDING MESSAGES TO RADIO SILENT NODES VIA ELEVATED NODES | | | | | | |
| 01-4087 | United States | 10 341,858 | 1/14/2003 | | | Pending |
| METHOD AND SYSTEM FOR SYNCHRONIZING MULTIPLE COPIES OF A DATABASE | | | | | | |
| 01-4001 | United States | 10 351,625 | 1/24/2003 | | | Pending |
| IMPROVED CRITERIA FOR TEARING DOWN NETWORK LINKS | | | | | | |

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Schedule A

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