PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-------------------|----------------|
| SUDMISSION I TPE. | NEW ASSIGNMENT |

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| Expanse Networks, Inc. | 08/18/2004 |

RECEIVING PARTY DATA

| Name: | Prime Research Alliance E, Inc. | |
|-----------------|---------------------------------|--|
| Street Address: | Craigmuir Chambers, PO Box 71 | |
| City: | Road Town, Tortola | |
| State/Country: | BRITISH VIRGIN ISLANDS | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13156442 |

CORRESPONDENCE DATA

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Address Line 4: Doylestown, PENNSYLVANIA 18901

| ATTORNEY DOCKET NUMBER: | T704-04 |
|-------------------------|---------|
| | |

NAME OF SUBMITTER: Elizabeth McGinty

Total Attachments: 6

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PATENT REEL: 026449 FRAME: 0070 JH \$40.00 151564

ASSIGNMENT

WHEREAS, Expanse Networks, Inc., hereinafter referred to as the ASSIGNOR, a Corporation of Delaware, having its principal place of business at 6206 Kellers Church Road, Pipersville, PA 18947 is the owner of certain inventions or improvements for which applications for Letters Patent have been made or for which Letters Patent have been issued, all of which are listed on Attachment A hereto (hereafter Patent Property); and

WHEREAS, Prime Research Alliance E, Inc., hereinafter referred to as the ASSIGNEE, a Corporation of the British Virgin Islands, having its principal place of business at Craigmuir Chambers, P.O. Box 71, Road Town, Tortola, British Virgin Islands, is desirous of acquiring the entire right, title and interest in and to the said Patent Property in any and all countries;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over to said ASSIGNEE, the entire right, title and interest in and to said Patent Property and any and all continuations, divisions and renewals of and substitutes for said Patent Property and to and under any and all additional Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extensions of said Letters Patent, and the full right to sue for and recover damages recoverable for past infringement of the same (including the right of ASSIGNEE to be substituted for ASSIGNOR as a party in any pending action instituted by ASSIGNOR for infringement of any Patent Property), and for violations of provisional rights having arisen from any published application(s) for said Patent Property. ASSIGNOR further assigns to and authorizes said ASSIGNEE to file corresponding applications for Letters Patent in all countries, to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, sale and transfer not been made.

It is hereby covenanted that ASSIGNOR has full right to convey the entire interest herein assigned, and that ASSIGNOR has not executed and will not execute any agreement in conflict herewith, and ASSIGNOR further covenants and agrees that it will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said Patent Property in said assignee, its successors, assigns, nominees, or legal representatives, and ASSIGNOR agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said Patent Property, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything reasonably possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of said ASSIGNEE, its successors, assigns, nominees or legal representatives.

AND ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as assignee of the entire right, title and interest, any and all Letters Patent for said Patent Property, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any applications included in said Patent Property, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, the undersigned, being properly authorized to execute this Assignment, hereunto sets their hand and seal.

| Expanse Networks, Inc. | |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| By: <u>Classer</u> Ocharles Eldering | |
| CAC Chief Executive Officer Pacs | FOENT |
| Date: AUG 18, 2007 | |
| himself/herself to be the fees, 1907 | ny signing the name of the |
| Notary Public | NOTARIAL SEAL DEBORAH A. VANORE, Notary Public City of Philadelphia, Phila. County My Commission Expires March 28, 2005 |

ATTACHMENT A

List of Assigned Patents and Patent Applications

Issued U.S. Patent Listing

| Patent Number | Issue Date | Title |
|---------------|------------|---------------------------------------------------------------------------------------|
| US 6,216,129 | 10-Apr-01 | Advertisement Selection System Supporting Discretionary Target Market Characteristics |
| US 6,298,348 | 2-Oct-01 | Consumer Profiling System |
| US 6,324,519 | 27-Nov-01 | Advertisement Auction System |
| US 6,457,010 | 24-Sep-02 | Client-Server Based Subscriber Characterization System |
| US 6,560,578 | 6-May-03 | Advertisement Selection System Supporting Discretionary Target Market Characteristics |
| US 6,615,039 | 2-Sep-03 | Advertisement Subgroups for Digital Streams |
| US 6,684,194 | 27-Jan-04 | Subscriber Identification System |
| US 6,704,930 | 9-Mar-04 | Advertisement Insertion Techniques for Digital Video Streams |
| US 6,714,917 | 30-Mar-04 | Subscriber Identification Based On Electronic Program Guide Data |

Pending U.S. Patent Application Listing

| Patent Application Number | Filing/ Publication Date | Title |
|---------------------------|-----------------------------|------------------------------------------------------------|
| 09/204,888 | 3-Dec-98 | Subscriber Characterization System |
| 09/205,119 | 3-Dec-98 | Advertisement Monitoring System |
| 09/516,983 | 1-Mar-00 | Subscriber Characterization System With Filters |
| 09/553,637 | 20-Apr-00 | Advertising Management System For Digital Video Streams |
| 09/568,084 | 10-May-00 | Advertisement Subgroups For Digital Video Streams |
| 09/591,577 | 9-Jun-00 | Privacy-Protected Advertising System |
| 09/635,539 | 10-Aug-00 | Delivering Targeted Advertisements In Cable-Based Networks |

| 09/635,542 | 10-Aug-00 | Grouping Subscribers Based On Demographic Data |
|-------------------------------|------------------------|------------------------------------------------------------------------------------------------------|
| 09/635,544 | 10-Aug-00 | Transporting Ad Characterization Vectors |
| 09/658,204 | 8-Sep-00 | Targeted Advertising Through Electronic Program Guide |
| 09/660,301 | 12-Sep-00 | Viewership Reporting For Switched Digital Video Networks |
| 09/680,622 | 6-Oct-00 | Method And System For Addressable And Program Independent Advertising During Recorded Programs |
| 09/694,848 | 20-Oct-00 | Method And Apparatus For Inserting Digital Media Advertisements Into Statistical Multiplexed Streams |
| 09/712,790 | 14-Nov-00 | Queue Based Advertisement Scheduling And Sales |
| 09/742,507 US20020083451A1 | 21-Dec-00 27-Jun-02 | User-Friendly Electronic Program Guide Based On Subscriber Characterizations |
| 09/742,527 US20020083444A1 | 21-Dec-00 27-Jun-02 | System And Method For Automatically Managing Avail Inventory Data And Avail Pricing |
| 09/742,534 US20020083442A1 | 21-Dec-00 27-Jun-02 | Queue-Based Head-End Advertisement Scheduling Method And Apparatus |
| 09/742,852 US20020083439A1 | 21-Dec-00 27-Jun-02 | System For Rescheduling And Inserting Advertisements |
| 09/748,942 US20020083443A1 | 27-Dec-00 27-Jun-02 | Advertisement Distribution System For Distributing Targeted Advertisements In Television Systems |
| 09/748,943 US20020083445A1 | 27-Dec-00 27-Jun-02 | Delivering Targeted Advertisements To The Set-Top-Box |
| 09/748,949 US20020083441A1 | 27-Dec-00 27-Jun-02 | Advertisement Filtering And Storage For Targeted Advertisement Systems |
| 09/749,255 US20010032333A1 | 27-Dec-00 18-Oct-01 | Scheduling And Presenting IPG Ads In Conjunction With Programming Ads In A Television Environment |
| 09/750,800 US20020087975A1 | 28-Dec-00 4-Jul-02 | System And Method For Delivering Targeted Advertisements Using Multiple Presentation Streams |
| 09/750,812 US20020087980A1 | 28-Dec-00 4-Jul-02 | Grouping Advertisement Sub Avails |
| 09/751,349 US20020087973A1 | 28-Dec-00 4-Jul-02 | Inserting Local Signals During MPEG Channel Changes |
| 09/766,004 US20020056107A1 | 19-Jan-01 9-May-02 | System And Method For Delivering Statistically Scheduled |

| | | Advertisements |
|-----------------|----------------------|----------------------------------|
| 09/796,339 | 28-Feb-01 | |
| US20010049620A1 | 6-Dec-01 | Privacy-Protected Targeting |
| 09/807,887 | | System |
| | 19-Apr-01 | Consumer Profiling And |
| 09/824,434 | 20.00 | Advertisement Selection System |
| US20020144263A1 | 3-Oct-02 | Grouping Of Advertisements Or |
| | 2-Apr-01 | An Advertising Channel In A |
| 09/857,160 | 1.1.10 | Targeted Advertisement System |
| 09/857,256 | 1-Jul-01 | Subscriber Identification System |
| | 1-Jun-01 | Subscriber Characterization And |
| 09/857,257 | | Advertisement Monitoring System |
| | 1-Jun-01 | Advertisement Auction System |
| 09/928,024 | 10-Aug-01 | Targeting Ads To Subscribers |
| US20020123928A1 | 5-Sep-02 | Based On Privacy-Protected |
| 09/998,979 | | Subscriber Profiles |
| US20020129368A1 | 31-Oct-01 | Profiling And Identification Of |
| 10/006,874 | 12-Sep-02 | Television Viewers |
| US20020144262AI | 14-Nov-01 | Alternative Advertising In |
| 10/031,142 | 3-Oct-02 | Prerecorded Media |
| 10/031,142 | 9-Nov-01 | Advertisement Subgroups For |
| 0/021 268 | | Digital Video Streams |
| 0/031,268 | 23-Mar-02 | Advertising Management System |
| 0/049,246 | | For Digital Video Streams |
| .0/049,246 | 28-Jan-02 | Method And Apparatus For |
| | | Inserting Digital Media |
| | f | Advertisements Into Statistical |
| 0/068,771 | | Multiplexed Streams |
| S20030149975A1 | 5-Feb-02 | Targeted Advertising In On |
| 0/116,669 | 7-Aug-03 | Demand Programming |
| S20020178445A1 | 3-Apr-02 | Subscriber Selected |
| | 28-Nov-02 | Advertisement Display And |
| 0/116,692 | 3-Apr-02 | Scheduling |
| S20020178447A1 | 28-Nov-02 | Behavioral Targeted Advertising |
| 0/116,694 | | |
| S20020184047A1 | 3-Apr-02 5-Dec-02 | Universal Ad Queue |
|)/229,784 | | |
| S20020194058A1 | 28-Aug-02 | Consumer Profiling |
| /229783 | 19-Dec-02 | |
| S20030004810A1 | 28-Aug-02 | Advertisement Selection System |
| | 2-Jan-03 | Supporting Discretionary Target |
| /759,620 | 16-Jan-04 | Market Characteristics |
| • | 10-Jan-U4 | Advertisement Management |
| | | System For Digital Video Streams |

Issued Foreign Patent Listing

| Patent Number | | |
|---------------|------------|---------------------------------|
| | Issue Date | Title |
| CA 2,353,646 | 6-Apr-04 | Subscriber Characterization And |
| AU 768680 | 10 D 00 | Advertisement Monitoring System |
| | 18-Dec-03 | Consumer Profiling And |
| | | Advertisement Selection System |

Pending Foreign Patent Application Listing

| Pending Foreign Patent Application Number | Filing Date | Title |
|-------------------------------------------|-------------|------------------------------------------------------------------------------------------------------|
| | | |
| CA2353384AA | 2-Dec-99 | Advertisement Auction System |
| | | |
| CA2353385AA | 2-Dec-99 | Subscriber Identification System |
| CA2353393AA | 2-Dec-99 | Consumer Profiling And Advertisement Selection System |
| CA2371906AA | 10-May-00 | Advertisement Subgroups For Digital Video Streams |
| CA2383352AA | 20-Apr-00 | Advertising Management System For Digital Video Streams |
| CA2386941AA | 20-Oct-00 | Method And Apparatus For Inscrting Digital Media Advertisements Into Statistical Multiplexed Streams |
| CA2442842AA | 3- Apr-02 | Alternative Advertising In Prerecorded Media |
| EP1133745A1 | 2-Dec-99 | Consumer Profiling And Advertisement Selection System |
| Љ2002531897Т2 | 1-Jun-01 | Consumer Profiling And Advertisement Selection System |

PATENT REEL: 026449 FRAME: 0076

RECORDED: 06/15/2011