### 502050654 09/06/2012

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### CONVEYING PARTY DATA

| Name           | Execution Date |
|----------------|----------------|
| Eric Schneider | 09/20/2007     |

### RECEIVING PARTY DATA

| Name:           | ESDR Network Solutions LLC    |  |  |
|-----------------|-------------------------------|--|--|
| Street Address: | 2711 Centerville Rd., Ste 400 |  |  |
| City:           | Wilmington                    |  |  |
| State/Country:  | DELAWARE                      |  |  |
| Postal Code:    | 19808                         |  |  |

## PROPERTY NUMBERS Total: 2

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13538433 |
| Application Number: | 13452503 |

### CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 101240 AND 102330  |
|-------------------------|--------------------|
| NAME OF SUBMITTER:      | Nicholas T. Peters |

### Total Attachments: 5

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> PATENT REEL: 028908 FRAME: 0869

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# ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Eric Schneider, an individual, residing at 1730 South Federal Hwy. #104, Delray Beach, FL 33483 ("Assignor"), does hereby sell, assign, transfer, and convey unto ESDR Network Solutions LLC, a Delaware limited liability company, with an address at 2711 Centerville Rd, Ste 400, Wilmington, DE 19808 ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

- (a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned applications that directly or indirectly incorporate by reference the Patents;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

PATENT REEL: 028908 FRAME: 0870 (i) damages,

(ii) injunctive relief, and

(iii) any other remedies of any kind for past, current, and future infringement; and

(iv) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

| Patent or Application No. |    | Filing Date | Title of Patent and First Named Inventor |
|---------------------------|----|-------------|--|
| 08/900,437                | US | 7/25/1997   | METHOD AND SYSTEM FOR                    |
| (5,987,464)               |    |             | PERIODICALLY UPDATING DATA               |
|                           |    |             | RECORDS HAVING AN EXPIRY TIME -          |
|                           |    |             | SCHNEIDER                                |
| 09/440,606                | US | 11/15/1999  | METHOD, PRODUCT, AND                     |
| (6,442,549)               |    |             | APPARATUS FOR PROCESSING                 |
|                           |    |             | REUSABLE INFORMATION -                   |
|                           |    |             | SCHNEIDER                                |
| 09/525,350                | US | 3/15/2000   | METHOD, PRODUCT, AND                     |
| (6,338,082)               |    |             | APPARATUS FOR REQUESTING A               |
|                           |    |             | NETWORK RESOURCE - SCHNEIDER             |
| 09/532,500                | US | 3/21/2000   | FICTITIOUS DOMAIN NAME                   |
| (7,136,932)               |    |             | METHOD, PRODUCT, AND                     |
|                           |    |             | APPARATUS - SCHNEIDER                    |
| 09/598,134                | US | 6/21/2000   | METHOD AND APPARATUS FOR                 |
| (6,895,430)               |    |             | INTEGRATING RESOLUTION                   |
|                           |    |             | SERVICES, REGISTRATION SERVICES,         |
|                           |    |             | AND SEARCH SERVICES -                    |
|                           |    |             | SCHNEIDER                                |
| 09/643,584                | US | 8/22/2000   | SEARCH ENGINE REQUEST METHOD,            |
| (7,010,568)               |    |             | PRODUCT, AND APPARATUS -                 |
|                           |    |             | SCHNEIDER                                |
| 09/644,587                | US | 8/23/2000   | NETWORK RESOURCE ACCESS                  |
| (6,973,505)               |    |             | METHOD, PRODUCT, AND                     |
|                           |    |             | APPARATUS - SCHNEIDER                    |
| 09/650,827                | US | 8/30/2000   | METHOD, PRODUCT, AND                     |
| (6,901,436)               |    |             | APPARATUS FOR DETERMINING THE            |
|                           |    | 1           | AVAILABILITY OF SIMILAR                  |
|                           |    |             | IDENTIFIERS AND REGISTERING              |
|                           | 1  | )           | THESE IDENTIFIERS ACROSS                 |
|                           | 1  |             | MULTIPLE NAMING SYSTEMS -                |
|                           |    |             | SCHNEIDER                                |
|                           | US | 8/31/2000   | METHOD, PRODUCT, AND                     |
| (6,760,476)               |    |             | APPARATUS FOR PROCESSING A               |
|                           |    |             | DATA REQUEST - SCHNEIDER                 |

| Patent or Application No.               | Country | Filing Date | Title of Patent and First Named Inventor           |
|---|---------|-------------|--|
| 09/656,667                              | US      | 9/7/2000    | REAL-TIME COMMUNICATION                            |
| Pending                                 |         | 1           | PROCESSING METHOD, PRODUCT,                        |
|   |         |             | AND APPARATUS - SCHNEIDER                          |
| 09/663,094                              | US      | 9/15/2000   | CONTENT NOTIFICATION METHOD,                       |
| (6,944,658)                             |         |             | PRODUCT, AND APPARATUS -                           |
|   |         |             | SCHNEIDER  |
|   |         |             |  |
| 09/735,114                              | US      | 12/12/2000  | HOMEPAGE ACCESS METHOD,                            |
| (7,035,896)                             | 1       |             | PRODUCT, AND APPARATUS -                           |
|   |         |             | SCHNEIDER  |
| 09/681,448                              | US      | 4/7/2001    | MNEMONIC DISCOVERY AND                             |
| (7,120,236)                             |         |             | NOTIFICATION METHOD, PRODUCT,                      |
|   |         |             | AND APPARATUS - SCHNEIDER                          |
| 09/682,133                              | US      | 7/25/2001   | METHOD, PRODUCT, AND                               |
| (7,194,552)                             |         | 1,120,200   | APPARATUS FOR REQUESTING A                         |
|   |         |             | NETWORK RESOURCE - SCHNEIDER                       |
| 09/683,465                              | US      | 1/3/2002    | METHOD, PRODUCT, AND                               |
| (6,678,717)                             |         | 1.0/2002    | APPARATUS FOR REQUESTING A                         |
|   |         |             | NETWORK RESOURCE - SCHNEIDER                       |
| 10/064,864                              | US      | 8/25/2002   | METHODS, PRODUCTS, SYSTEMS,                        |
| Pending                                 |         | 012312002   | AND DEVICES FOR PROCESSING                         |
| '                                       |         |             | REUSABLE INFORMATION -                             |
|   |         |             | SCHNEIDER  |
| 10/248,068                              | US      | 12/13/2002  | METHODS, SYSTEMS, PRODUCTS.                        |
| Pending                                 |         | 12,13,2002  | AND DEVICES FOR PROCESSING DNS                     |
|   |         |             | FRIENDLY IDENTIFIERS - SCHNEIDER                   |
| 10/604,626                              | US      | 8/5/2003    | METHOD, PRODUCT, AND                               |
| (7,188,138)                             |         | 0/3/2003    | APPARATUS FOR RESOURCE                             |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |         |             | IDENTIFIER REGISTRATION AND                        |
|   |         |             | AFTERMARKET SERVICES -                             |
|   |         |             | SCHNEIDER  |
| 10/710,362                              | US      | 7/4/2004    | METHOD, PRODUCT, AND                               |
| Pending                                 |         | 11-1/200-   | APPARATUS FOR PROCESSING A                         |
| S                                       |         |             | DATA REQUEST - SCHNEIDER                           |
| 10/711,834                              | US      | 10/7/2004   | FICTITIOUS DOMAIN NAME                             |
| Pending                                 |         | 10///2004   | METHOD SVETEM PRODUCE AND                          |
| 9                                       |         |             | METHOD, SYSTEM, PRODUCT, AND APPARATUS - SCHNEIDER |
| 10/904,943                              | US      | 12/6/2004   |  |
| Pending                                 |         | 12/0/2004   | METHOD, PRODUCT, AND                               |
|   | 1       |             | APPARATUS FOR ENHANCING                            |
|   | Ì       |             | RESOLUTION SERVICES,                               |
|   | į       | }           | REGISTRATION SERVICES, AND                         |
| 11/676,415                              | US      | 2/10/2007   | SEARCH SERVICES - SCHNEIDER                        |
| Pending                                 | US      | 2/19/2007   | SITEMAP ACCESS METHOD,                             |
|   |         |             | PRODUCT, AND APPARATUS -                           |
|   |         |             | SCHNEIDER  |

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| Patent or Application No. | Country | Filing Date | Title of Patent and First Named Inventor |
|---------------------------|---------|-------------|--|
| 11/687,672                | US      | 3/19/2007   | METHOD, PRODUCT, AND                     |
| Pending                   |         |             | APPARATUS FOR REQUESTING A               |
|                           |         |             | NETWORK RESOURCE - SCHNEIDER             |
| 11/689,512                | US      | 3/22/2007   | METHODS, SYSTEMS, PRODUCTS,              |
| Pending                   |         |             | AND DEVICES FOR GENERATING               |
|                           | 1       | •           | AND PROCESSING DNS FRIENDLY              |
|                           |         |             | IDENTIFIERS - SCHNEIDER                  |

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing assignment of the Patent Rights. Such assistance will include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers, and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, or other court actions and the like with respect to assignment of the Patent Rights.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

| TIW WIT     | NESS WHEREO    | F this Assignme | ent of Patent Rights | s is executed at |
|-------------|----------------|-----------------|----------------------|------------------|
| White Pains | <u>, NY</u> on | September       | 20, 2007             | •                |

ASSIGNOR:

Eric Schneider

| STATE OF New york )  |
|--|
| STATE OF New york ) ) ss. COUNTY OF We, Exerter )  |
| On 9/20/07, before me, Cristing yers.  Notary Public in and for said State, personally appeared Eric Schneider, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in is/her authorized capacity, and that by his/her signature on the instrument the person, or the ntity upon behalf of which the person acted, executed the instrument. |
| WITNESS my hand and official seal.   |
| Signature (Seal)   |

CRISTI MYERS
Notary Public, State of New York
No. 5005533
Qualified in Westchester County
My Commission Expires December 14,

Notary Public

PATENT REEL: 028908 FRAME: 0874

**RECORDED: 09/06/2012**