

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

|                              |                |
|------------------------------|----------------|
| <b>SUBMISSION TYPE:</b>      | NEW ASSIGNMENT |
| <b>NATURE OF CONVEYANCE:</b> | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name                 | Execution Date |
|----------------------|----------------|
| Aamer Ali Baig       | 09/05/2003     |
| James E. Cowell      | 06/12/2003     |
| Peter M. Karas       | 06/12/2003     |
| Cheryl L. Neofytides | 06/19/2003     |
| Matt F. Golub        | 07/14/2003     |
| James R. Yoder       | 07/29/2003     |
| Susan M. Milberger   | 06/18/2003     |
| Jeff D. Sherrard     | 09/03/2003     |
| Amy M. Dunker        | 08/22/2003     |
| Jackie M. Macfarlane | 06/17/2003     |
| Eric L. Platte       | 06/18/2003     |
| Susan F. Abrahams    | 07/29/2003     |

**RECEIVING PARTY DATA**

|                        |                           |
|------------------------|---------------------------|
| <b>Name:</b>           | First Data Corporation    |
| <b>Street Address:</b> | 12500 East Belford Avenue |
| <b>City:</b>           | Englewood                 |
| <b>State/Country:</b>  | COLORADO                  |
| <b>Postal Code:</b>    | 80112-5939                |

**PROPERTY NUMBERS Total: 7**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12241364 |
| Application Number: | 12241384 |
| Application Number: | 12241408 |
| Application Number: | 12241423 |
| Application Number: | 12241453 |
| Application Number: | 12241476 |

**CH \$280.00 12241364**

**PATENT**

Application Number: 12241500

**CORRESPONDENCE DATA**

Fax Number: (303)571-4321

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 3035714000

Email: ssoares@townsend.com

Correspondent Name: Tadd F. Wilson

Address Line 1: Townsend and Townsend and Crew LLP

Address Line 2: Two Embarcadero Center, Eighth Floor

Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER: 020375-000202US

NAME OF SUBMITTER: Tadd F. Wilson

**Total Attachments: 18**

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**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, BAIG, Aamer Ali of 711 N. Madison Street; Hinsdale, Illinois 60521

is one of the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:            WIDE AREA NETWORK PERSON-TO PERSON PAYMENT

Filing Date:

Application No.:            \_\_\_\_\_ 10/332,724            and

WHEREAS, First Data Corporation of 12500 East Belford Avenue Englewood, CO 80112-5939


hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

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Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the date indicated.

|   |          |
|---|----------|
| Signature of Inventor 1   |          |
|  |          |
| Aamer Ali BAIG  |          |
| Date  | 9/5/2003 |

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, BAIG, Aamer, A. of 111-32 76th Ave., Apt. 3J Forest Hills NY 11375; COWELL, James E. of 2509 W. Long Circle Littleton CO 80226; KARAS, Peter, M. of 115 Flower St. Lakewood CO 80226; NEOFYTIDES, Cheryl, L. of 319 Tulip Ave Floral Park NY 11001; GOLUB, Matt, F. of 4234 Harrogate Drive NW Atlanta GA 30327; YODER, James, R. 1902 W. Henderson Chicago IL 60657; MILBERGER, Susan, M. of 7599 S. Willow Circle Englewood CO 80112; SHERRARD, Jeff, D. of 14634 W. Auburn Ct. Lakewood CO 80228; DUNKER Amy, M. 1025 Purple Sage Loop Castle Rock, CO 80138; MACFARLANE, Jackie, M. of 12318 Summit Ridge Rd. Parker CO 80138; PLATTE, Eric, L. of 1507 Whitetail Dr. Castle Rock, CO 80104; and ABRAHAMS, Susan, F. of 3734 Powers Ferry Rd. Atlanta GA 30342

are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

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Filing Date:

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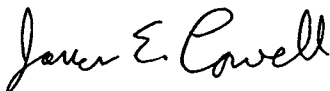

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IN TESTIMONY WHEREOF, Assignors have signed their names on the date indicated.

| Signature of Inventor 1 | Signature of Inventor 2   | Signature of Inventor 3   |
|-------------------------|---|---|
|                         |  |  |
| Aamer Ali BAIG          | James E. COWELL   | Peter M. KARAS  |
| Date                    | Date 6/12/03  | Date 6/12/03  |

Assignment

Attorney Docket No.: 020375-000201US

Page 2

|                          |                          |                          |
|--------------------------|--------------------------|--------------------------|
| Signature of Inventor 4  | Signature of Inventor 5  | Signature of Inventor 6  |
| Cheryl L. NEOFYTIDES     | Matt F. GOLUB            | James R. YODER           |
| Date                     | Date                     | Date                     |
| Signature of Inventor 7  | Signature of Inventor 8  | Signature of Inventor 9  |
| Susan M. MILBERGER       | Jeff D. SHERRARD         | Amy M. DUNKER            |
| Date                     | Date                     | Date                     |
| Signature of Inventor 10 | Signature of Inventor 11 | Signature of Inventor 12 |
| Jackie M. MACFARLANE     | Eric L. PLATTE           | Susan F. Abrahams        |
| Date                     | Date                     | Date                     |

DE 7098648 v1

**ASSIGNMENT OF PATENT APPLICATION**

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|-------------------------|-------------------------|-------------------------|
| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
| Aamer Ali BAIG          | James E. COWELL         | Peter M. KARAS          |
| Date                    | Date                    | Date                    |

|  |                          |                          |
|--|--------------------------|--------------------------|
| Signature of Inventor 4<br><i>Cheryl L. Neofytides</i> | Signature of Inventor 5  | Signature of Inventor 6  |
| Cheryl L. NEOFYTIDES                                   | Matt F. GOLUB            | James R. YODER           |
| Date 6/19/03   | Date                     | Date                     |
| Signature of Inventor 7                                | Signature of Inventor 8  | Signature of Inventor 9  |
| Susan M. MILBERGER                                     | Jeff D. SHERRARD         | Amy M. DUNKER            |
| Date   | Date                     | Date                     |
| Signature of Inventor 10                               | Signature of Inventor 11 | Signature of Inventor 12 |
| Jackie M. MACFARLANE                                   | Eric L. PLATTE           | Susan F. Abrahams        |
| Date   | Date                     | Date                     |

DE 7098648 v1

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, GOLUB, Matthew, F. 276 Highwood Avenue, Tenafly, New Jersey 07670

is one of the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:            WIDE AREA NETWORK PERSON-TO PERSON PAYMENT

Filing Date:

Application No.:            \_\_\_\_\_ 10/332,724            and

WHEREAS, First Data Corporation of 12500 East Belford Avenue Englewood, CO 80112-5939


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IN TESTIMONY WHEREOF, Assignors have signed their names on the date indicated.

|   |               |
|---|---------------|
| Signature of Inventor 5   |               |
|  |               |
| Matt F. GOLUB   |               |
| Date  | July 14, 2007 |



**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, YODER, James R. of 1902 W. Henderson; Chicago, Illinois 60657

is one of the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:            WIDE AREA NETWORK PERSON-TO PERSON PAYMENT

Filing Date:

Application No.:            \_\_\_\_\_10/332,724            and

WHEREAS, First Data Corporation of 12500 East Belford Avenue Englewood, CO 80112-5939

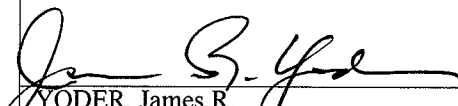
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|  |         |
|--|---------|
| Signature of Inventor 5  |         |
|  |         |
| YODER, James R.  |         |
| Date   | 7/29/03 |

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| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
| Aamer Ali BAIG          | James E. COWELL         | Peter M. KARAS          |
| Date                    | Date                    | Date                    |

|   |                          |                          |
|---|--------------------------|--------------------------|
| Signature of Inventor 4   | Signature of Inventor 5  | Signature of Inventor 6  |
| Cheryl L. NEOFYTIDES  | Matt F. GOLUB            | James R. YODER           |
| Date  | Date                     | Date                     |
| Signature of Inventor 7   | Signature of Inventor 8  | Signature of Inventor 9  |
|  |                          |                          |
| Susan M. MILBERGER  | Jeff D. SHERRARD         | Amy M. DUNKER            |
| Date <u>6-18-2003</u>   | Date                     | Date                     |
| Signature of Inventor 10  | Signature of Inventor 11 | Signature of Inventor 12 |
| Jackie M. MACFARLANE  | Eric L. PLATTE           | Susan F. Abrahams        |
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DE 7098648 v1

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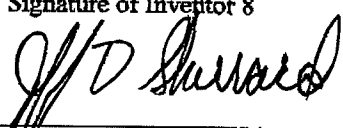
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| Date                    | Date                    | Date                    |

|                          |   |                          |
|--------------------------|---|--------------------------|
| Signature of Inventor 4  | Signature of Inventor 5   | Signature of Inventor 6  |
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| Date                     | Date  | Date                     |
| Signature of Inventor 7  | Signature of Inventor 8   | Signature of Inventor 9  |
| Susan M. MILBERGER       | <br>MATT D. SHERRARD | Amy M. DUNKER            |
| Date                     | Date 9/3/13   | Date                     |
| Signature of Inventor 10 | Signature of Inventor 11  | Signature of Inventor 12 |
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DE 7098648 v1

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WHEREAS, First Data Corporation of 12500 East Belford Avenue Englewood, CO 80112-5939


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For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

The Assignor further agrees that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

The Assignor hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, The Assignor have signed their name on the date indicated.

|   |         |
|---|---------|
| Signature of Inventor 9   |         |
|  |         |
| Amy M. DUNKER   |         |
| Date  | 8-22-03 |

**ASSIGNMENT OF PATENT APPLICATION**

WHEREAS, BAIG, Aamer, A. of 111-32 76th Ave., Apt. 3J Forest Hills NY 11375; COWELL, James E. of 2509 W. Long Circle Littleton CO 80226; KARAS, Peter, M. of 115 Flower St. Lakewood CO 80226; NEOFYTIDES, Cheryl, L. of 319 Tulip Ave Floral Park NY 11001; GOLUB, Matt, F. of 4234 Harrogate Drive NW Atlanta GA 30327; YODER, James, R. 1902 W. Henderson Chicago IL 60657; MILBERGER, Susan, M. of 7599 S. Willow Circle Englewood CO 80112; SHERRARD, Jeff, D. of 14634 W. Auburn Ct. Lakewood CO 80228; DUNKER Amy, M. 1025 Purple Sage Loop Castle Rock, CO 80138; MACFARLANE, Jackie, M. of 12318 Summit Ridge Rd. Parker CO 80138; PLATTE, Eric, L. of 1507 Whitetail Dr. Castle Rock, CO 80104; and ABRAHAMS, Susan, F. of 3734 Powers Ferry Rd. Atlanta GA 30342

are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:            WIDE AREA NETWORK PERSON-TO PERSON PAYMENT

Filing Date:

Application No.:            \_\_\_\_\_ 10/332,724            and

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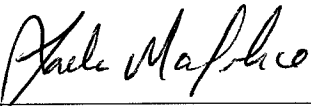
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IN TESTIMONY WHEREOF, Assignors have signed their names on the date indicated.

| Signature of Inventor 1 | Signature of Inventor 2 | Signature of Inventor 3 |
|-------------------------|-------------------------|-------------------------|
| Aamer Ali BAIG          | James E. COWELL         | Peter M. KARAS          |
| Date                    | Date                    | Date                    |

|   |                          |                          |
|---|--------------------------|--------------------------|
| Signature of Inventor 4   | Signature of Inventor 5  | Signature of Inventor 6  |
| Cheryl L. NEOFYTIDES  | Matt F. GOLUB            | James R. YODER           |
| Date  | Date                     | Date                     |
| Signature of Inventor 7   | Signature of Inventor 8  | Signature of Inventor 9  |
| Susan M. MILBERGER  | Jeff D. SHERRARD         | Amy M. DUNKER            |
| Date  | Date                     | Date                     |
| Signature of Inventor 10<br> | Signature of Inventor 11 | Signature of Inventor 12 |
| Jackie M. MACFARLANE  | Eric L. PLATTE           | Susan F. Abrahams        |
| Date 6/17/2003  | Date                     | Date                     |

DE 7098648 v1



**ASSIGNMENT OF PATENT APPLICATION**

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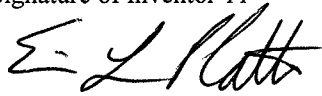
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| Aamer Ali BAIG          | James E. COWELL         | Peter M. KARAS          |
| Date                    | Date                    | Date                    |

|                          |   |                          |
|--------------------------|---|--------------------------|
| Signature of Inventor 4  | Signature of Inventor 5   | Signature of Inventor 6  |
| Cheryl L. NEOFYTIDES     | Matt F. GOLUB   | James R. YODER           |
| Date                     | Date  | Date                     |
| Signature of Inventor 7  | Signature of Inventor 8   | Signature of Inventor 9  |
| Susan M. MILBERGER       | Jeff D. SHERRARD  | Amy M. DUNKER            |
| Date                     | Date  | Date                     |
| Signature of Inventor 10 | Signature of Inventor 11<br> | Signature of Inventor 12 |
| Jackie M. MACFARLANE     | Eric L. PLATTE  | Susan F. Abrahams        |
| Date                     | Date 6/18/03  | Date                     |

DE 7098648 v1

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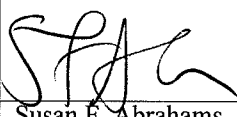
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| Date                    | Date                    | Date                    |

Assignment

Attorney Docket No.: 020375-000201US

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|--------------------------|--------------------------|--|
| Signature of Inventor 4  | Signature of Inventor 5  | Signature of Inventor 6  |
| Cheryl L. NEOFYTIDES     | Matt F. GOLUB            | James R. YODER   |
| Date                     | Date                     | Date   |
| Signature of Inventor 7  | Signature of Inventor 8  | Signature of Inventor 9  |
| Susan M. MILBERGER       | Jeff D. SHERRARD         | Amy M. DUNKER  |
| Date                     | Date                     | Date   |
| Signature of Inventor 10 | Signature of Inventor 11 | Signature of Inventor 12   |
| Jackie M. MACFARLANE     | Eric L. PLATTE           | <br>Susan F. Abrahams |
| Date                     | Date                     | Date 3/29/03   |

DE 7098648 v1