

03-25-2003



TO THE ASSISTANT COMMISSIONER FOR PA

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ments or copy thereof.

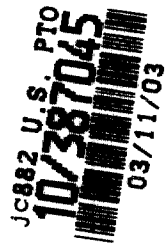
1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 3.11.03
1. Cassandra Mollett
 2. Alan Jay Bethscheider
 3. Susan Diane Brauckman
 4. David A. Walker
 5. David Wayne Smith

Additional name(s) of conveying party(ies) attached?
() Yes (X) No

2. Name and address of receiving party(ies):

Name: First Data Corporation
Internal Address:
Street Address: 12500 East Belford Avenue
M21A2
City: Englewood State: CO ZIP: 80112-5939

Additional name(s) of receiving party(ies) attached?
() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) 1. February 14, 2003; 2. February 13, 2003; 3. February 13, 2003; 4. February 14, 2003; 5. February 13, 2003

4. Application number(s) or Patent number(s):

- (X) Application(s) filed herewith
Execution Date(s): 1. February 14, 2003;
2. February 13, 2003; 3. February 13, 2003; 4. February 14, 2003; 5. February 13, 2003

() Patent Application No.:
Filing Date:

() Patent No.:
Issue Date:

10387045

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Nira M. Brand
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Fourteenth Floor
Street Address: 2040 Main Street
City: Irvine State: CA ZIP: 92614
Attorney's Docket No.: 1DATA.082A

7. Total fee (37 CFR 1.21(h)): \$40.00

- (X) Enclosed
(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Nira M. Brand

Name of Person Signing

Nira M. Brand

Signature

March 11, 2003

Date

52,648

Registration No.

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

03/24/2003 ECOOPER 00000071 10387045

01 FC:8021

40.00 OP

U.S. Patent and Trademark Office

Attn: Assignment Division

Crystal Gateway-4

1213 Jefferson Davis Highway, Suite 320

Arlington, VA 22202

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Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: 1DATA.082A
Page 1

ASSIGNMENT

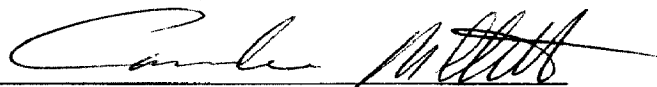
WHEREAS, We, Cassandra Mollett, a U.S. citizen, residing at 1735 Lexington, Houston, TX 77098, Alan Jay Bethscheider, A U.S. citizen, 2110 Sheridan Street, Houston, TX, 77030; Susan Diane Brauckman, A U.S. citizen, 22407 N. Rebecca Burwell, Katy, TX 77449; David A. Walker, A U.S. citizen, 2310 Thompson Crossing, Richmond, TX 77469, and David Wayne Smith, A U.S. citizen, 4730 Rainbow Run, Sugarland, TX 77479, have invented certain new and useful improvements in a SYSTEMS AND METHODS FOR DETERMINING AN AUTHORIZATION THRESHOLD for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, First Data Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 12500 East Belford Avenue, Suite M21A2, Englewood, CO 80112-5939, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents 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 all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of FEB, 2003



Cassandra Mollett

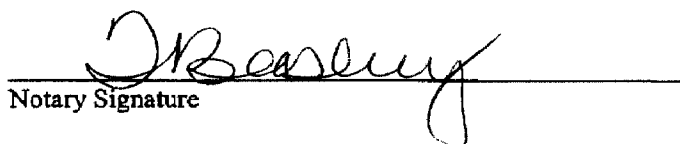
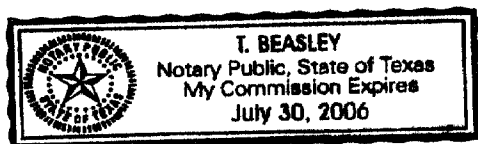
STATE OF TEXAS
COUNTY OF HARRIS

ss.

On 14 Feb 2003 before me, T. Beasley, personally appeared Cassandra Mollett personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]


Notary Signature

Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: 1DATA.082A
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of Feb, 2003

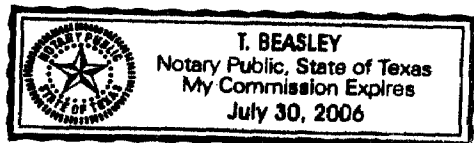
Alan Jay Bethscheider
Alan Jay Bethscheider

STATE OF Texas }
COUNTY OF Harris } ss.

On 13 Feb 2003 before me, T. Beasley, personally appeared Alan Jay Bethscheider personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



T. Beasley
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of Feb, 2003

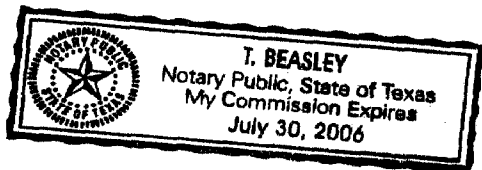
Susan Diane Brauckman
Susan Diane Brauckman

STATE OF Texas }
COUNTY OF Harris } ss.

On 13 Feb 2003, before me, T. Beasley, personally appeared Susan Diane Brauckman personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



T. Beasley
Notary Signature

Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: 1DATA.082A
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of Feb., 2003

David A. Walker
David A. Walker

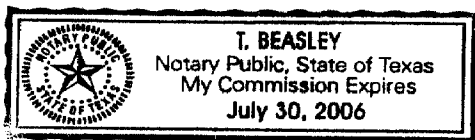
STATE OF Texas
COUNTY OF Harris

ss.

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WITNESS my hand and official seal.

[SEAL]



T. Beasley
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of Feb, 2003

David Wayne Smith
David Wayne Smith

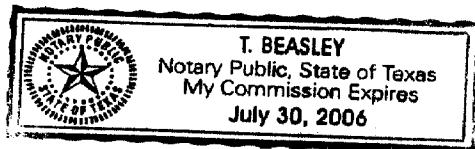
STATE OF Texas
COUNTY OF Harris

ss.

On 13 Feb 2003, before me, T. Beasley, personally appeared David Wayne Smith personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



T. Beasley
Notary Signature

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021103

PATENT
REEL: 013873 FRAME: 0024

Application No.: Unknown
Filing Date: Herewith

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PATENT
Client Code: 1DATA082A
Page 1

ASSIGNMENT

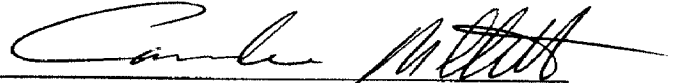
WHEREAS, We, Cassandra Mollett, a U.S. citizen, residing at 1735 Lexington, Houston, TX 77098, Alan Jay Bethscheider, A U.S. citizen, 2110 Sheridan Street, Houston, TX, 77030; Susan Diane Brauckman, A U.S. citizen, 22407 N. Rebecca Burwell, Katy, TX 77449; David A. Walker, A U.S. citizen, 2310 Thompson Crossing, Richmond, TX 77469, and David Wayne Smith, A U.S. citizen, 4730 Rainbow Run, Sugarland, TX 77479, have invented certain new and useful improvements in a SYSTEMS AND METHODS FOR DETERMINING AN AUTHORIZATION THRESHOLD for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, First Data Corporation (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 12500 East Belford Avenue, Suite M21A2, Englewood, CO 80112-5939, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents 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 all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of FEB, 2003



Cassandra Mollett

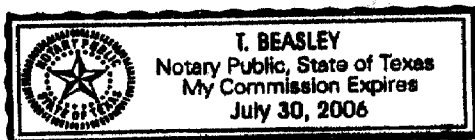
STATE OF TEXAS
COUNTY OF HARRIS

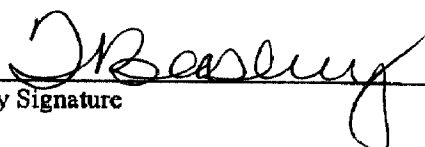
ss.

On 14 Feb, 2003 before me, T. Beasley, personally appeared Cassandra Mollett personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




Notary Signature

Application No.: Unknown
Filing Date: Herewith

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NO NOT RECORD

PATENT
Client Code: 1DATA.082A
Page 2

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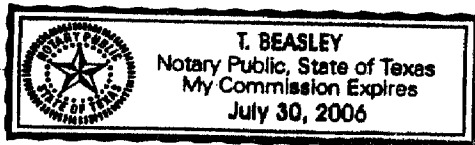
Alan Jay Bethscheider
Alan Jay Bethscheider

STATE OF Texas }
COUNTY OF Harris } ss.

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[SEAL]



T. Beasley
Notary Signature

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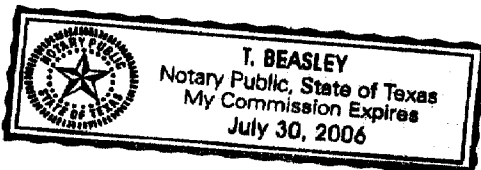
Susan Diane Brauckman
Susan Diane Brauckman

STATE OF Texas }
COUNTY OF Harris } ss.

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WITNESS my hand and official seal.

[SEAL]



T. Beasley
Notary Signature

Application No.: Unknown
Filing Date: Herewith

COPY
DO NOT RECORD

PATENT
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Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of Feb., 2003

David A. Walker
David A. Walker

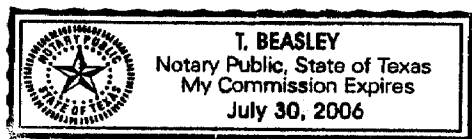
STATE OF Texas
COUNTY OF Harris

ss.

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WITNESS my hand and official seal.

[SEAL]



T. Beasley
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of Feb, 2003

David Wayne Smith
David Wayne Smith

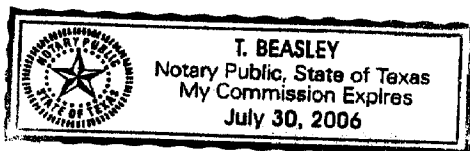
STATE OF Texas
COUNTY OF Harris

ss.

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WITNESS my hand and official seal.

[SEAL]



T. Beasley
Notary Signature

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RECORDED: 03/11/2003

PATENT
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