

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5085994

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNOR JEFFRY J. BOWMAN previously recorded on Reel 046098 Frame 338. Assignor(s) hereby confirms the ASSIGNMENT.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAVISHANKAR S. BHAGAVATULA	04/21/2001
CHANDRA BALASUBRAMANIAN	04/24/2001
FRANCIS M. SHERWIN	04/24/2001
MICHAEL A. KERESMAN III	04/24/2001
JEFFRY J. BOWMAN	04/24/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARDINALCOMMERCE CORPORATION
<b>Street Address:</b>	6119 HEISLEY ROAD
<b>City:</b>	MENTOR
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44060
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16009476
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)471-4094
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	412-471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM / VISA INTERNATIONAL
<b>Address Line 1:</b>	ONE GATEWAY CENTER
<b>Address Line 2:</b>	420 FT. DUQUESNE BLVD, SUITE 1200
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	8223-1803030(CC-0002US14)
<b>NAME OF SUBMITTER:</b>	CHRISTIAN D. EHRET, REG. NO. 69,743
<b>SIGNATURE:</b>	/Christian D. Ehret/
<b>DATE SIGNED:</b>	08/07/2018

**Total Attachments: 9**

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**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 18, 2018

PTAS

THE WEBB LAW FIRM / VISA INTERNATIONAL  
ONE GATEWAY CENTER  
420 FT. DUQUESNE BLVD, SUITE 1200  
PITTSBURGH, PA 15222

**504962052**

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 06/15/2018

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NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 8223-1803030(CC-0002US14)

ASSIGNOR:

BHAGAVATULA, RAVISHANKAR S.

DOC DATE: 04/21/2001

ASSIGNOR:

BALASUBRAMANIAN, CHANDRA

DOC DATE: 04/24/2001

ASSIGNOR:

SHERWIN, FRANCIS M.

DOC DATE: 04/24/2001

ASSIGNOR:

KERESMAN, MICHAEL A., III

DOC DATE: 04/24/2001

ASSIGNOR: JEFFRY J.

BOWMAN, ~~JEFFREY J.~~

DOC DATE: 04/24/2001

ASSIGNEE:

CARDINALCOMMERCE CORPORATION  
6119 HEISLEY ROAD  
MENTOR, OHIO 44060

APPLICATION NUMBER: 16009476

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: CENTRALIZED IDENTITY AUTHENTICATION FOR ELECTRONIC COMMUNICATION  
NETWORKS

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5008799

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAVISHANKAR S. BHAGAVATULA	04/21/2001
CHANDRA BALASUBRAMANIAN	04/24/2001
FRANCIS M. SHERWIN	04/24/2001
MICHAEL A. KERESMAN III	04/24/2001
<del>JEFFREY J. BOWMAN</del> <u>JEFFRY J. BOWMAN</u>	04/24/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARDINALCOMMERCE CORPORATION
<b>Street Address:</b>	6119 HEISLEY ROAD
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<b>Phone:</b>	412-471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM / VISA INTERNATIONAL
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<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	8223-1803030(CC-0002US14)
<b>NAME OF SUBMITTER:</b>	CHRISTIAN D. EHRET, REG. NO. 69,743
<b>SIGNATURE:</b>	/Christian D. Ehret/
<b>DATE SIGNED:</b>	06/15/2018
<b>Total Attachments: 6</b>	

**ASSIGNMENT**

We, Ravishankar S. Bhagavatula, of 5540 Via Vallarta, City of Yorba Linda, County of Orange, and State of California; Chandra S. Balasubramanian, of 5779 South Winds Drive, Apt. 77, City of Mentor-on-the-Lake, County of Lake, and State of Ohio; Francis M. Sherwin, of 3277 East Monmouth Road, City of Cleveland Heights, County of Cuyahoga, and State of Ohio; Michael A. Keresman, III, of 8890 Cardinal Drive, City of Kirtland Hills, County of Lake, State of Ohio; and Jeffrey J. Bowman, of 2441 Trailard Drive, City of Willoughby Hills, County of Lake, and State of Ohio, having invented certain new and useful improvements in:

**CENTRALIZED IDENTITY AUTHENTICATION FOR ELECTRONIC COMMUNICATION NETWORKS**

for which we have made an application for Letters Patent of the United States, said application being filed in the U.S. Patent and Trademark Office on or about March 2, 2001, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, sell, assign, and transfer unto

**CardinalCommerce Corporation**

a company of the State of Nevada, having a principal place of business at 6119 Heisley Road, Mentor, Ohio 44060, the full and exclusive right, title, and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.

We therefore authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the said

**CardinalCommerce Corporation**

for its sole use, and that of its successors, and assigns.



Signed at Wentz, on this 24 day of April, 2001.

B. S. Balasubramanian

Chandra S. Balasubramanian

STATE OF Ohio )  
 ) : SS  
COUNTY OF LAKE )

Personally appeared before me this day, the above named **Chandra S. Balasubramanian**, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 24<sup>th</sup> day of April, 2001.

KATHERINE KOTNIK  
Notary Public, State of Ohio  
My Commission Expires 7/11/05  
Recorded in Lake County

Katherine Kotnik

Notary Public

(Seal)



Signed at Mentor, on this 24<sup>th</sup> day of April, 2001.



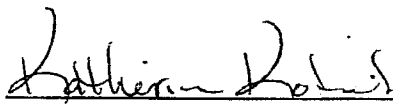
Francis M. Sherwin

STATE OF Ohio        )  
  ): SS  
COUNTY OF LAKE    )

Personally appeared before me this day, the above named **Francis M. Sherwin**, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

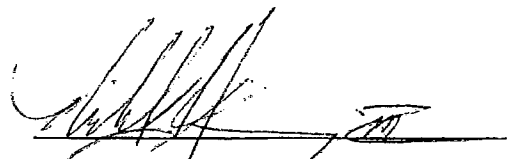
In testimony whereof, I have hereunto set my hand and affixed my seal, this 24<sup>th</sup> day of April, 2001.

KATHERINE KOTNIK  
Notary Public, State of Ohio  
My Commission Expires 7/11/05  
Recorded In Lake County

  
\_\_\_\_\_  
Notary Public

(Seal)

Signed at Mentor, on this 24 day of April, 2001.


  
Michael A. Keresman, III

STATE OF Ohio        )  
                                  ): SS  
COUNTY OF LAKE    )

Personally appeared before me this day, the above named **Michael A. Keresman, III**, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

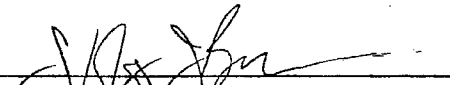
In testimony whereof, I have hereunto set my hand and affixed my seal, this 24<sup>th</sup> day of April, 2001.

KATHERINE KOTNIK  
Notary Public, State of Ohio  
My Commission Expires 7/11/05  
Recorded in Lake County

  
Notary Public

(Seal)

Signed at Wentz, on this 24 day of April, 2001.

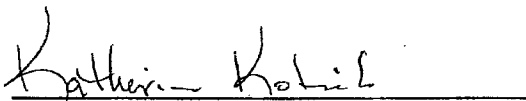
  
Jeffrey J. Bowman

STATE OF Ohio        )  
                                  ): SS  
COUNTY OF LAKE    )

Personally appeared before me this day, the above named **Jeffry J. Bowman**, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this 24<sup>th</sup> day of April, 2001.

KATHERINE KOTNIK  
Notary Public, State of Ohio  
My Commission Expires 7/11/05  
Recorded in Lake County

  
Notary Public

(Seal)

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