

## U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET  
PATENTS ONLYPatent and Trademark Office  
Docket No. 007532000100

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Concorde Solutions, Inc.

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

## 3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other:☐ Merger☐ Change of Name

Execution Date: August 2, 2002

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

Name: Bank of America Corporation

Internal Address:

Street Address: 100 North Tryon Street

City: Charlotte, State: North Carolina ZIP: 28255

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/132,813 (filed August 12, 1998)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Thomas L. Treffert

Morrison &amp; Foerster LLP

425 Market Street

San Francisco, California 94105-2482

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 C.F.R. § 3.41): \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account, referencing Attorney Docket 007532000100

## 8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

## DO NOT USE THIS SPACE

## 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.

Name: Thomas L. Treffert

Registration No: 48,279

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 6

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

### ASSIGNMENT

WHEREAS, Concorde Solutions, Inc. a Delaware corporation (hereinafter "assignor"), having its principal place of business located at 555 California Street, San Francisco, California, 94104, United States of America, is the sole and exclusive owner, by assignment, of the United States Patent Application Serial No. 09/132,813 filed August 12, 1998, entitled "METHOD AND APPARATUS FOR DATA ITEM MOVEMENT BETWEEN DISPARATE SOURCES AND HIERARCHICAL, OBJECT-ORIENTED REPRESENTATION", and the inventions described therein; and

WHEREAS, Bank of America Corporation, a Delaware corporation (hereinafter "assignee"), having its principal place of business located at 100 North Tryon Street, Charlotte, North Carolina, 28255, United States of America, is desirous of acquiring the right, title and interest in, to and under said Patent application and the inventions covered thereby:

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) to be paid by assignee and other good and valuable consideration, the receipt of which is hereby acknowledged, assignor has sold, assigned, and transferred, and does hereby sell, assign, and transfer the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all applications for Letters Patent in the United States of America and in all foreign countries and in all Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignees, for their own use and the use of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents, may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND assignor hereby expressly represents that the above-mentioned all applications for Letters Patent in the United States of America and in all foreign countries includes, without limitation, Japanese Patent Application No. 11-228945 filed August 12, 1999, derived from United States Application No. 09/132,813 filed August 12, 1998, entitled "METHOD AND APPARATUS FOR DATA ITEM MOVEMENT BETWEEN DISPARATE SOURCES AND HIERARCHICAL, OBJECT-ORIENTED REPRESENTATION"

AND for the same consideration, the said assignor hereby covenants and agrees to and with the assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the applications for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent or Patents of the United States on said inventions or resulting from said applications and any continuations, divisionals and reissues thereof to assignee as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

Attorney Docket No. 007532000100

AND the assignor and assignee hereby agree and request that the aforementioned assignment be recorded against the above-identified patent application No. 09/132,813 in the United States Patent and Trademark Office, and against the above-identified application No. 11-228945 in the Register of Japanese Patents.

**Concord Solutions, Inc.**

Executed at: Charlotte, North Carolina

Date: 8/2/02

Signature: Joseph E. Helweg

Name: Joseph E. Helweg

Title: Assistant Secretary

**ACCEPTANCE DECLARATION**

The undersigned hereby agrees to the aforementioned assignment and applies for recording the assignment in the United States Patent and Trademark Office and in the Register of Japanese Patents.

**Bank of America Corporation**

Executed at: Charlotte, North Carolina

Date: 8/2/02


Signature: Michael A. Springs

Name: Michael A. Springs

Title: Assistant General Counsel

United States of America     )  
State of North Carolina     )  
County of Mecklenburg     )

On this 2<sup>nd</sup> day of August, 2002, before me personally came Joseph E. Helweg, Assistant Secretary, to me known to be the individual described in and who executed the foregoing assignment of U.S. Application No. 09/132,813 and Japanese Application No. 11-228945, and acknowledged execution of the same.


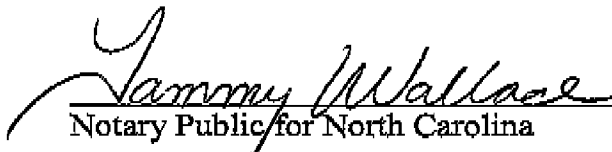
  
Sammy Wallace  
Notary Public for North Carolina

My Commission Expires April 04, 2006

SEAL

United States of America     )  
State of North Carolina     )  
County of Mecklenburg     )

On this 2nd day of August, 2002, before me personally came Michael A. Springs, Assistant General Counsel, to me known to be the individual described in and who executed the foregoing assignment of U.S. Application No. 09/132,813 and Japanese Application No. 11-228945, and acknowledged execution of the same.

  
  
Notary Public for North Carolina

**My Commission Expires April 04, 2006**

SEAL

**BANK OF AMERICA CORPORATION  
CERTIFICATE OF SECRETARY**

The undersigned, ALLISON L. GILLIAM, Assistant Secretary of Bank of America Corporation, a Delaware corporation (herein the "Corporation"), does hereby certify:

1. That she is the duly elected, qualified and acting Assistant Secretary of the Corporation and has the custody of the corporate records, minutes and corporate seal.

2. That the following named person has been properly designated, elected and assigned to the office in the Corporation as indicated below and that such person holds such office at this time:

<u>Name</u>	<u>Title</u>
Michael A. Springs	Assistant General Counsel

3. That the title Assistant General Counsel is equal to the title Senior Vice President.

4. That the following is a true and complete copy of Article IX, Section 1 of the Bylaws of said Corporation and the same is in full force and effect as of the date hereof.

**Section 1 Execution of Instruments.** All agreements, indentures, mortgages, deeds, conveyances, transfers, contracts, checks, notes, drafts, loan documents, letters of credit, master agreements, swap agreements, guarantees, certificates, declarations, receipts, discharges, releases, satisfactions, settlements, petitions, schedules, accounts, affidavits, bonds, undertakings, proxies and other instruments or documents may be signed, executed, acknowledged, verified, attested, delivered or accepted on behalf of the Corporation by the Chairman of the Board, the Chief Executive Officer, the President, any Vice Chairman, any Division President, any Managing Director, any Vice President, any Assistant Vice President, or any individual who is listed on the Corporation's Officer's payroll file in a position equal to any of the aforementioned officer positions, or such other officers, employees or agents as the Board of Directors or any of such designated officers or individuals may direct. The provisions of this Section 1 are supplementary to any other provision of these Bylaws and shall not be construed to authorize execution of instruments otherwise dictated by law.

IN WITNESS WHEREOF, I have hereupon set my hand and affixed the seal of the Corporation as of this 25<sup>th</sup> day of October, 2001.

(SEAL)

*Allison L. Gilliam*  
Assistant Secretary

**PATENT**

**REEL: 013062 FRAME: 0723**

**MORRISON & FOERSTER LLP**

Attorneys at Law  
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San Francisco, California 94105-2482  
Telephone: (415) 268-7000  
Facsimile: (415) 268-7522

**To: Box Assignments**  
U.S. Patent and Trademark Office

**Facsimile: (703) 306-5995**

**From:** Thomas L. Treffert

**Date:** September 6, 2002

We are transmitting a total of **7** pages (including this page).  
Original or hard copy to follow if this box is checked ☐.

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**Comments:**

ATTORNEY DOCKET: 007532000100

SERIAL NO.: 09/132,813

FILING DATE: August 12, 1998

INVENTOR(S): Michael N. GUREVICH

TITLE: METHOD AND APPARATUS FOR DATA ITEM MOVEMENT BETWEEN  
DISPARATE SOURCES AND HIERARCHICAL, OBJECT-ORIENTED  
REPRESENTATION

**Papers attached:**

1. Recordation Form Cover Sheet w/ authorization to charge deposit account (1 page)
2. Assignment (5 pages)