| Form PT(| J-1595 (Rev. | 07/05) | |
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| OMB No. | 0651-0027 | (exp. 6, | (30/2008) |

U.S. DEPARTMENT OF COMMERCE

| OMB No. 0651-0027 (exp. 6/30/2008) | United States Patent and Trademark Office | | | | |
|--|--|--|--|--|--|
| RECORDATION FORM COVER SHEET PATENTS ONLY | | | | | |
| To the Director of the U.S. Patent and Trademark Office: Pleas | se record the attached documents or the new address(es) below. | | | | |
| Name of conveying party(ies) | 2. Name and address of receiving party(ies) | | | | |
| Claritech Corporation | Name: Clairvoyance Corporation | | | | |
| | Internal Address: | | | | |
| Additional name(s) of conveying party(ies) attached? Yes V No | | | | | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 5001 Baum Boulevard | | | | |
| Execution Date(s) 21 June 2000 | | | | | |
| Assignment Merger | | | | | |
| Security Agreement 🗸 Change of Name | City: Pittsburgh | | | | |
| Joint Research Agreement | State: PA | | | | |
| Government Interest Assignment | Country: U.S. Zip; 15213-1854 | | | | |
| Executive Order 9424, Confirmatory License | Country . 5.5. | | | | |
| Other 4. Application or patent number(s): | Additional name(s) & address(es) attached? Yes V No | | | | |
| Additional numbers at | 6,278,990 | | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 34 | | | | |
| Name: Jones Day | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 1.360 | | | | |
| Internal Address: | Authorized to be charged by credit card | | | | |
| | ✓ Authorized to be charged to deposit account | | | | |
| Street Address: 222 East 41st Street | Enclosed | | | | |
| | None required (government interest not affecting title) | | | | |
| City: New York | 8. Payment Information | | | | |
| State: <u>NY</u> Zip:10017-6702 | a. Credit Card Last 4 Numbers Expiration Date | | | | |
| Phone Number: | | | | | |
| Fax Number: | b. Deposit Account Number 50-3013 | | | | |
| Email Address: | Authorized User Name Edward L. Pencoske | | | | |
| 9. Signature: | 12 February 2008 | | | | |
| Signature | Date | | | | |
| Edward L. Pencoske Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: | | | | |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Claritech Corporation:

| Patent # | Title |
|------------------------|--|
| 5,995,962 | Sort System for Merging Database Entries |
| 5,907,840 | Overlapping Subdocuments in a Vector Space Search Process |
| 5,987,448 | Methodology for Displaying Search Results Using Character Recognition |
| 5,999,925 | Information Retrieval Based on Use of Sub-Documents |
| 6,055,528 | Method for Cross-Linguistic Document Retrieval |
| 6,029,167 | Method and Apparatus for Retrieving Text Using Document Signatures |
| 6,205,443 | Overlapping Subdocuments in a Vector Space Search Process |
| 5,893,094 | Method and Apparatus Using Run Length Encoding To Evaluate a Database |
| 6,112,204 | Method and Apparatus Using Run Length Encoding to Evaluate a Database |
| 6,363,179 | Methodology for Displaying Search Results Using Character Recognition |
| 6,138,114 | Sort System for Merging Database Entries |
| 6,263,329 | Method and Apparatus for Cross-Linguistic Database Retrieval |
| 6,134,562 | System for Modifying a Database Using a Transaction Log |
| 6,115,706 | Information Retrieval Based on Use of Subdocuments |
| 6,226,631 | Apparatus and Methodology for Submitting Search Queries |
| 6,430,559 | Method and Apparatus for Profile Score Threshold Setting and Updating |
| 6,820,079 | Method and Apparatus for Retrieving Text Using Document Signatures |
| 6,915,308 | Method and Apparatus for Information Mining and Filtering |
| 6,721,734 | Method and Apparatus for Information Management Using Fuzzy Typing |
| 6,728,701 | Method and Apparatus for Database Retrieval Utilizing Vector Optimization |
| 6,453,079 | Method and Apparatus for Displaying Regions in a Document Image Having a |
| 6 446 066 | Low Recognition Confidence |
| 6,446,066 | Method and Apparatus Using Run Length Encoding to Evaluate a Database |
| 6,377,947 | Information Retrieval Based on Using and Locating Subdocuments |
| 6,418,455 | System for Modifying a Database Using a Transaction Log |
| 6,523,030 | Sort System for Merging Database Entries |
| 6,876,998 | Method for Cross-Linguistic Document Retrieval |
| 6,473,755 | Overlapping Subdocuments in a Vector Space Search Process |
| 6,505,198 | Sort System for Text Retrieval |
| 6,463,434 | Method and Apparatus for Profile Score Threshold Setting and Updating |
| 6,587,850 5,006,809 | Method and Apparatus For Profile Score Threshold Setting and Updating |
| 5,926,808 | Displaying Portions of Text from Multiple Documents Over Multiple Database |
| 5,970,483 | Related to a Search Query in a Computer Network |
| 5,953,728 | Apparatus and Methodology for Submitting Search Queries |
| 2,733,728 | System for Modifying a Database Using a Transaction Log |

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PENNSYLVANIA DEPARTMENT OF STATE
CORPORATION BUREAU
ROOM 308 NORTH OFFICE BUILDING
P.O. BOX 8722
HARRISBURG, PA 17105-8722

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CLAIRVOYANCE CORPORATION

THE CORPORATION BUREAU IS HAPPY TO SEND YOU YOUR FILED DOCUMENT. PLEASE NOTE THE FILE DATE AND THE SIGNATURE OF THE SECRETARY OF THE COMMONWEALTH. THE CORPORATION BUREAU IS HERE TO SERVE YOU AND WANTS TO THANK YOU FOR DOING BUSINESS IN PENNSYLVANIA. IF YOU HAVE ANY QUESTIONS PERTAINING TO THE CORPORATION BUREAU, CALL (717) 787-1057.

ENTITY NUMBER: 2107451

MICROFILM NUMBER: 2000049

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|---|--|-------------------------------|-----------------------------------|------------------|--|
| | 2107451 | | Klm | J. Blegger | weeller |
| i | ly Namber | | Secretary o | the Common | |
| | ARTICLES OF AMENDMENT-I DSCB: | DOMESTIC 15-1915 (Re | Business (90) | CORPORATIO | N. Comments |
| i | In compliance with the requirements of 15 Pa.C ness terporation, desiring to amend its Articles, h | S. § 1915 (: ereby states | elating to art fact | दंद of amenda | nent), the undersig |
| | The same of the corporation is:Clar | <u>itech Cor</u> | poration_ | | |
| | The (a) address of this corporation's correct registered office provider and the corporation to conform to it | po records of meth of Acom | tre Debartus 13 (me nebar | ent): | name of its ranthorized to gheny |
| | (a) 5301 Fifth Avenue Pittabur Number and Street City | gh, PA | 15232 | Zip | County |
| | Number and Street City | | Otarie. | | |
| | (b) e/o: Name of Commercial Registered Office For a corporation represented by a commercial r the county is which the corporation is located for | egistered of | ico provider, i Ticial publica | he county in (b) | County shall be detented |
| | The statute by or under which it was incorporate | dis: | A BCL | | |
| | The date of its incorporation is: 9-4-92 | | | | <u> </u> |
| | (Check, and if appropriate complete, one of the f | ollowing): | | | |
| | The amendment shall be effective upon filing | these Artic | es of Ameads | ment in the Dep | artment of State. |
| | X The amendment shall be effective onJuly | | at | | Hear |
| | (Check one of the following): | Date | | | |
| | The amendment was adopted by the sharehold | ides (er me | apera) butan | ent to 15 Pa.C.S | i, § 1914(a) and (b). |
| | The amendment was adopted by the board of | (directors p | resument to 15 | Pa.C.S. § 1914(| E). |
| | (Check, and if appropriate complete, one of the f | (ollowing): | | | |
| | The amendment adopted by the corporation, | set forth in | foll, is as follo | JWS: | |
| | The name of the corporation | is Clair | voyance Co | orporation | |

BIATS ROUNDING LAR

PATENT

REEL: 020497 FRAME: 0550

| FEB. | 12 | 2008 | 16:43 | FR | JONES | DAY PGH | 47203 | 4123947959 | TO | 15940630010001#9 | Ρ. | 07/08 |
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| DSCB:15-1915 | (Rev 90)-2 |
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|--------------|------------|

- The amendment adopted by the expotation as set forth in full in Exhibit A attached herato and made a part hereof.
- The restated Articles of Incorporation supersede the original Articles and all amendments thereto.

IN TESTIMONY WHEREOF, the undersigned corporation has caused these Articles of Amendment to be signed by a duly authorized officer thereof this $\frac{20.57}{20.00}$ day of $\frac{1000}{1000}$, $\frac{100}{1000}$

| | -in-mark Asem MinitTâti | |
|--------|-------------------------|---|
| | (Name of Corporation) | _ |
| BY: | Dans G. Drus | |
| | (Signature) | |
| TITLE: | President and CEO | |

CLARITECH CORPORATION

Unanimous Written Consent of the Board of Directors

June 19, 2000

The undersigned, being all of the directors of CLARITECH Corporation, a Pennsylvania corporation (the "Corporation"), hereby adopt the following resolutions by written consent, as permitted by Section 1727(b) of the Pennsylvania Business Corporation Law of 1988, as amended, with the same force and effect as if such resolutions had been adopted at duly called and convened meetings of the Board of Directors of the Corporation held on the date written above:

RESOLVED, that Article 1 of the Corporation's Articles of Incorporation be amended to read as follows:

1: The name of the corporation is Clairvoyance Corporation.

RESOLVED, that the proper officers of the Corporation are hereby authorized and directed for the Corporation and on its behalf to execute and deliver to the Department of State of the Commonwealth of Pennsylvania for filing Articles of Amendment, and to do any and all acts, including the execution and delivery of any and all instruments, that may be necessary or proper to amend the Articles of Incorporation of the Corporation, as aforesaid.

RESOLVED, that a new form of share certificate, such as certificate was presented to the undersigned at the time of their execution of this consent in writing is hereby approved and adopted, said new form of share certificate having been necessitated by reason of the change in the name of the Corporation and the Secretary of the Corporation is hereby directed to file a specimen copy of such share certificate in the minute book of the Corporation.

RESOLVED, that the proper officers of the Corporation are hereby authorized and directed to motify the shareholders of record to surrender their share certificates to the Corporation, and such officers are further authorized and directed to deliver to each of the Corporation's shareholders in exchange therefor a share certificate in the form newly adopted.

RESOLVED, that a new corporate seal is hereby adopted as the new seal of the Corporation, said new form of seal having been necessitated by reason of the change in the name of the Corporation, as aforesaid.

WITNESS the due execution hereof as of the date first above written.

Jun Tuchi
Dand C. Mo

De David A

RECORDED: 02/12/2008

PATENT REEL: 020497_{*}FRAME;<u>-0552</u> ***