

PATENTS ONLY

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

1. Name of conveying party(ies):

Genuity Inc.

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

Name: Genuity Inc.

Internal Address: _____

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Street Address: 3 Van de Graaff Drive

City: Burlington State: MA ZIP: 01803

Execution Date: September 6, 2000

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

4. Application number(s) or patent number(s): 98-414

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

A. Patent Application No.(s)

09/170,609

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Leonard Charles Suchyta

Internal Address: c/o Christian Andersen

Verizon Services Group

Street Address: 600 Hidden Ridge, HOE03H01

City: Irving, State: TX ZIP: 75038

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)\$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number:

07-2339

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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.

James K. Weixel, Reg. No. 44,399

Name of Person Signing

James K. Weixel
Signature

6/10/2002
Date

Total number of pages including cover sheet, attachments, and document: 12

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Washington, D.C. 20231

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DEPARTMENT OF COMMERCE

(Rev. 6-93)

PATENTS ONLY

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

1. Name of conveying party(ies):

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

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

Name: GTE Service Corporation

Internal Address: _____

Street Address: 600 Hidden RidgeCity: Irving, State: TX ZIP: 75038

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

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)

B. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

ASSIGNMENT OF PATENTS

This ASSIGNMENT OF PATENTS is effective as of June 28, 2000 between Genuity Inc. (by change of name from GTE Internetworking Incorporated), a corporation organized and existing under the laws of Delaware and having a principal business address of 3 Van de Graaff Drive, Massachusetts 01803 (hereinafter "ASSIGNOR"), and Genuity Inc. (by change of name from GTE Internetworking Incorporated), a corporation organized and existing under the laws of Delaware and having a principal business address of 3 Van de Graaff Drive, Burlington, Massachusetts 01803, and GTE Service Corporation, a corporation organized and existing under the laws of New York, having a principal business address of 1255 Corporate Drive, Irving, Texas 75038 (hereinafter jointly "ASSIGNEE").

WHEREAS, ASSIGNOR is the owner of all right, title and interest in and to the inventions and United States and foreign Letters Patent and Applications for Letters Patent identified in the attached Schedule A; and

WHEREAS, ASSIGNEE is desirous of acquiring the aforesaid inventions and United States and foreign Letters Patent and Applications for Letters Patent identified in Schedule A.

NOW, THEREFORE, in consideration of the premises and the mutual covenants set forth in the Agreement and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and subject to any rights and licenses granted to third parties on or before the effective date hereof, ASSIGNOR does hereby assign unto ASSIGNEE an undivided joint ownership in all rights, title and interest of ASSIGNOR in and to the aforesaid inventions and United States and foreign Letters Patent and Applications for Letters Patent identified in Schedule A, including all inventions and improvements described therein, any legal equivalent thereof in all foreign countries (subject, however, to applicable patent laws in such countries), the right to claim priority therefrom, and in and to all Letters Patent worldwide to be obtained by such patent applications or any continuations, divisions, renewals, extensions, substitutes, reissues or re-examinations thereof, the same to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the terms for which such Letters Patent are granted, plus any extensions, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made, together with all claims for damages by reason of past and future infringement of said Letters Patent and inventions, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

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ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent resulting from the inventions and Applications for United States Letters Patent listed in Schedule A or any divisions, reissues, continuations (in whole or in part), renewals, extensions, substitutes or re-examinations thereof to ASSIGNEE as assignee of ASSIGNOR's interest therein.

GENUITY INC.

By: 

Name: Ira H. Parker

Title: Sr. Vice President,
General Counsel & Secretary

Date: September 6, 2000

SCHEDULE A

| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|--------------------------------|---|--|
| Australia | Appln. 30,765/97 | DATA PACKET ROUTER |
| Canada | Appln. 2,255,907 | DATA PACKET ROUTER |
| Canada | Appln. 2,274,496 | DISTRIBUTED COMPUTING SYSTEM AND METHOD FOR DISTRIBUTING USER REQUESTS TO REPLICATED NETWORK SERVERS |
| Canada | Appln. 2,286,994 | METHOD AND APPARATUS FOR STRIPPING PACKETS OVER PARALLEL COMMUNICATION LINKS |
| European Community (EPC) | Appln. 97,925,702.9 | DATA PACKET ROUTER |
| European Community (EPC) | Appln. 97,953,118.3 | DISTRIBUTED COMPUTING SYSTEM AND METHOD FOR DISTRIBUTING USER REQUESTS TO REPLICATED NETWORK SERVERS |
| European Community (EPC) | Appln. 99,907,130.1 | METHOD AND APPARATUS FOR BYTE-BY-BYTE MULTIPLEXING OF DATA OVER PARALLEL COMMUNICATION LINKS |
| European Community (EPC) | Appln. 99,931,801.7 | METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK |
| European Community (EPC) | Appln. 99,917,450.1 | SYSTEM AND METHOD FOR EVALUATING GENETIC PROGRAMMING PARSE-TREES |
| European Community (EPC) | Appln. 99,907,023.8 | VOICE ACTIVATED RELATIONAL DATABASE SYSTEM PROVIDING USER ASSISTANCE |
| Germany | Appln. 19,950,822.4 | METHOD AND APPARATUS FOR STRIPPING PACKETS OVER PARALLEL COMMUNICATION LINKS |

| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|---------------------------------|---|--|
| Japan | Appln. 10-526,886 | DISTRIBUTED COMPUTING SYSTEM AND METHOD FOR DISTRIBUTING USER REQUESTS TO REPLICATED NETWORK SERVERS |
| New Zealand | Appln. Not assigned | DISTRIBUTED COMPUTING SYSTEM AND METHOD FOR DISTRIBUTING USER REQUESTS TO REPLICATED NETWORK SERVERS |
| Patent Cooperation Treaty | Appln. PCT/US99/1 6983 | AN IMPROVED INFORMATION RETRIEVAL SYSTEM UTILIZING PROBABILITIES |
| Patent Cooperation Treaty | Appln. PCT/US97/2 2542 | DISTRIBUTED COMPUTING SYSTEM AND METHOD FOR DISTRIBUTING USER REQUESTS TO REPLICATED NETWORK SERVERS |
| Patent Cooperation Treaty | Appln. PCT/US00/1 0179 | INTRUSION AND MISUSE DETERRENCE SYSTEM |
| Patent Cooperation Treaty | Appln. PCT/US99/0 3494 | METHOD AND APPARATUS FOR MULTIPLEXING BYTES OVER PARALLEL COMMUNICATION LINKS USING DATA SLICES |
| Patent Cooperation Treaty | Appln. PCT/US99/1 3502 | METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK |
| Patent Cooperation Treaty | Appln. PCT/US99/0 8048 | SYSTEM AND METHOD FOR EVALUATING GENETIC PROGRAMMING PARSE-TREES |
| Patent Cooperation Treaty | Appln. PCT/US99/0 3192 | VOICE ACTIVATED RELATIONAL DATABASE SYSTEM PROVIDING USER ASSISTANCE |
| Sweden | Appln. 9,903,803-6 | METHOD AND APPARATUS FOR STRIPPING PACKETS OVER PARALLEL COMMUNICATION LINKS |
| United States | Appln. not assigned | A PASSIVE METHOD FOR MEASURING THE SUBJECTIVE QUALITY OF REAL-TIME MEDIA STREAMS |

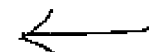
| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|----------------|---|--|
| | | IN A PACKET-SWITCHING NETWORK |
| United States | Appln. 559,135 | ADVERTISING-SUBSIDIZED PC-TELEPHONY |
| United States | Appln. 127,685 | AN IMPROVED INFORMATION RETRIEVAL SYSTEM |
| United States | Appln. 187,976 | APPARATUS AND METHOD FOR HYPERLINKING PRINTED MATERIALS WITH ELECTRONIC INFORMATION VIA A NETWORK |
| United States | Appln. 410,152 | BANK ONLINE PAYMENT SERVICE |
| United States | Appln. 220,613 | CELL DISCARD SCHEME FOR IP TRAFFIC OVER A CELL RELAY INFRASTRUCTURE |
| United States | Appln. not assigned | CONDITIONAL BUSY-OUT OF PSTN VOICE CHANNELS ON A VOIP-NETWORK |
| United States | Appln. 450,601 | CONNECTIVITY SERVICE-LEVEL GUARANTEE MONITORING AND CLAIM VALIDATION SYSTEMS AND METHODS |
| United States | Appln. 928,712 | DATA PACKET ROUTER |
| United States | Appln. 965,848 | DISTRIBUTED COMPUTING SYSTEM AND METHOD FOR DISTRIBUTING USER REQUESTS TO REPLICATED NETWORK SERVERS |
| United States | Appln. 404,098 | DISTRIBUTED, HYBRID SIMULATION SYSTEM |
| United States | Appln. 502,476 | DOMAIN-INDEPENDENT RECONFIGURABLE SCHEDULER |
| United States | Appln. 544,628 | EXTENDABLE TOOL FOR MARKING ANGULAR LINES |
| United States | Appln. 300,922 | FACT RECOGNITION SYSTEM |

| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|----------------|---|--|
| United States | Appln. 220,511 | FRAMEWORK FOR PROVIDING QUALITY OF SERVICE REQUIREMENTS IN A DISTRIBUTED OBJECT-ORIENTED COMPUTER SYSTEM |
| United States | Appln. 220,716 | FRAMEWORK FOR PROVIDING QUALITY OF SERVICE REQUIREMENTS IN A DISTRIBUTED OBJECT-ORIENTED COMPUTER SYSTEM |
| United States | Appln. 220,530 | FRAMEWORK FOR PROVIDING QUALITY OF SERVICE REQUIREMENTS IN A DISTRIBUTED OBJECT-ORIENTED COMPUTER SYSTEM |
| United States | Appln. 491,909 | INEXPENSIVE, READILY DEPLOYABLE, HIGH CAPACITY UNDERWATER NETWORK |
| United States | Appln. 60/152,255 | INFORMATION RETRIEVAL |
| United States | Appln. 422,540 | INTERNET SERVICE DELIVERY VIA SERVER PUSHED PERSONALIZED ADVERTISING DASHBOARD |
| United States | Appln. 548,547 | INTRUSION AND MISUSE DETERRENCE SYSTEM |
| United States | Appln. not assigned | IPT MESSENGERBOT |
| United States | Appln. not assigned | IPT PERSONAL 800 |
| United States | Appln. not assigned | IPT-800 FOR SINGLE CALL CENTER |
| United States | Appln. 503,143 | MESSAGE ROUTING COORDINATION IN COMMUNICATION SYSTEMS |
| United States | Appln. 026,269 | METHOD AND APPARATUS FOR MULTIPLEXING BYTES OVER PARALLEL COMMUNICATION LINKS USING DATA SLICES |
| United States | Appln. 348,377 | METHOD AND APPARATUS FOR AN INTRUDER DETECTION REPORTING AND RESPONSE SYSTEM |

| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|----------------|---|---|
| United States | Appln. 533,467 | METHOD AND APPARATUS FOR DETECTING UNRELIABLE OR COMPROMISED ROUTER/SWITCHES IN LINK STATE ROUTING |
| United States | Appln. 534,869 | METHOD AND APPARATUS FOR DISSIMILAR RADIO CONNECTIVITY |
| United States | Appln. Not assigned | METHOD AND APPARATUS FOR ESTIMATING THE CALL GRADE OF SERVICE AND OFFERED TRAFFIC FOR VOICE OVER INTERNET PROTOCOL CALLS AT A PSTN-IP NETWORK GATEWAY |
| United States | Appln. 176,420 | METHOD AND APPARATUS FOR STRIPPING PACKETS OVER PARALLEL COMMUNICATION LINKS |
| United States | Appln. 441,812 | METHOD AND SYSTEM FOR CAPTURING TELEPHONE CALLS |
| United States | Appln. 098,622 | METHOD AND SYSTEM FOR CONNECTIONLESS COMMUNICATION IN A CELL RELAY SATELLITE NETWORK |
| United States | Appln. 448,794 | METHOD AND SYSTEM FOR PERFORMING FRAME RECOVERY IN A NETWORK |
| United States | Appln. not assigned | METHOD FOR ALLOCATION OF CHANNEL CAPACITY IN MULTISERVICE NETWORKS |
| United States | Appln. 452,915 | MULTISERVICE NETWORK |
| United States | Appln. 990,122 | NETWORKED COLLABORATIVE MUSICAL ENVIRONMENT |
| United States | Appln. 285,992 | NETWORKED SYSTEM FOR MANAGEMENT OF REMOTE PROCESSORS AND CONTROLLERS |
| United States | Appln. 450,549 | PACKET LOSS SERVICE-LEVEL GUARANTEE MONITORING AND CLAIM VALIDATION SYSTEMS AND METHODS |
| United States | Appln. not assigned | POINT-CLICK DIALING |

| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|----------------|---|--|
| United States | Appln. not assigned | ROUTING T-37 (EMAIL) OVER AN H323 (VOIP) NETWORK |
| United States | Appln. 406,672 | SECURE PLAY OF PERFORMANCE DATA |
| United States | Appln. not assigned | SELF-HEALING CIRCUIT SWITCHED RING NETWORKS WITH PER-NODE QUEUING OF TRANSIT TRAFFIC |
| United States | Appln. 430,883 | SELF-VERIFYING REFERENCES FOR INTERNET DOCUMENTS |
| United States | Appln. 305,411 | SINGLE ENTRY POINT TO CROSS-DOMAIN INFORMATION THAT IS RETURNED DIRECTLY TO THE USER |
| United States | Appln. 434,642 | SYSTEM AND METHOD FOR ANALYZING GENERIC ALGORITHMS |
| United States | Appln. 421,714 | SYSTEM AND METHOD FOR AUTOMATICALLY OPTIMIZING HETEROGENEOUS MULTIPROCESSOR SOFTWARE PERFORMANCE |
| United States | Appln. 209,152 | SYSTEM AND METHOD FOR AUTOMATICALLY OPTIMIZING SOFTWARE PERFORMANCE |
| United States | Appln. 58,786 | SYSTEM AND METHOD FOR EVALUATING GENETIC PROGRAMMING PARSE-TREES |
| United States | Appln. 504,974 | SYSTEM AND METHOD FOR FACILITATING COMMUNICATION BETWEEN DISSIMILAR RADIO VOICE DEVICES |
| United States | Appln. 533,148 | SYSTEM AND METHOD FOR IMPROVING TRAFFIC ANALYSIS AND NETWORK MODELING |
| United States | Appln. 432,618 | SYSTEM AND METHOD FOR LOGGING COMPUTER EVENT DATA IN A DISTRIBUTED SYSTEM |
| United States | Appln. 383,056 | SYSTEM AND METHOD FOR PROCESSING AND COLLECTING DATA FROM A CALL DIRECTED TO A CALL CENTER |

| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|----------------|---|---|
| United States | Appln. 170,609 | SYSTEM AND METHOD FOR SCHEDULING AND RESCHEDULING THE TRANSMISSION OF CELL OBJECTS OF DIFFERENT TRAFFIC TYPES |
| United States | Appln. 170,275 | SYSTEM AND METHOD FOR SCHEDULING THE TRANSMISSION OF PACKET OBJECTS HAVING QUALITY OF SERVICE REQUIREMENTS |
| United States | 428,894 | SYSTEMS AND METHODS FOR PROVIDING CHAT ROOM PARTICIPANTS WITH PRIVATE AND ANONYMOUS VOICE COMMUNICATION |
| United States | 6,023,697 | SYSTEMS AND METHODS FOR PROVIDING USER ASSISTANCE IN RETRIEVING DATA FROM A RELATIONAL DATABASE |
| United States | Appln. 426,052 | SYSTEMS AND METHODS FOR SECURING EXTRANET TRANSACTIONS |
| United States | Appln. 426,442 | SYSTEMS AND METHODS FOR SECURING EXTRANET TRANSACTIONS |
| United States | Appln. 535,602 | SYSTEMS AND METHODS FOR STANDARDIZING NETWORK DEVICES |
| United States | Appln. 422,306 | SYSTEMS AND METHODS FOR TWO-WAY MESSAGING USING A PAGER |
| United States | Appln. 489,517 | SYSTEMS AND METHODS FOR VISUALIZING A COMMUNICATIONS NETWORK |
| United States | Appln. 532,255 | SYSTEMS AND METHODS THAT PROTECT AGAINST DENIAL OF SERVICE ATTACKS |
| United States | Appln. 362,324 | TECHNIQUES FOR PROCESSING COMMUNICATIONS |
| United States | Appln. 362,081 | TECHNIQUES FOR PROVIDING CALLER NAME ANNOUNCEMENT |
| United States | Appln. 408,959 | TWO-MODE OPERATIONAL SCHEME FOR MANAGING SERVICE AVAILABILITY OF A NETWORK GATEWAY |



| <u>Country</u> | <u>Patent or Application Number</u> | <u>Title</u> |
|----------------|---|-----------------------------|
| United States | Appln. 971,606 | VOICE ACTIVATED WEB BROWSER |
| United States | Appln. not assigned | WEB GPS TRACKING |

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