

12-01-1998

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

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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):

Theodore Johnson

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Execution Date: October 8, 1998

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

Name: AT&T Corp.

Internal Address: _____

Street Address: 32 Avenue of the AmericasCity: New York State: NY ZIP: 10013-2412Additional 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: Oct. 8, 1998

A. Patent Application No.(s)

B. Patent No.(s)

09/193521Additional numbers attached? ☐ Yes ☒ No

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

Name: Mr. Samuel H. DworetzkyInternal Address: AT&T Corp.

Street Address: _____

P.O. Box 4110City: Middletown State: NJ ZIP: 077486. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

01-2745

(Attach duplicate copy of this page if paying by deposit account)

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.

Ann E. Taylor

Name of Person Signing

Johnson 3-2

Signature

Nov. 17 1998

Total number of pages including cover sheet, attachments, and document: 3

ASSIGNMENT AND AGREEMENT

For value received, I, Theodore Johnson, of New York in the County of and State of New York, hereby sell, assign and transfer to AT&T Corp., a corporation of the State of New York, having an office at 32 Avenue of the Americas, New York, New York 10013-2412, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Method And Apparatus For Querying A Cube Forest Data Structure**, described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to AT&T Corp. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize AT&T Corp. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Corp. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to AT&T Corp. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Corp. may designate.

T. Johnson 3-2

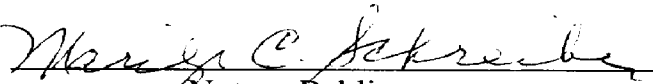
I agree that, when requested, I shall, without charge to AT&T Corp. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.


Theodore Johnson

Date: OCT 8, 1998

United States of America)
State of New Jersey) ss.:
County of Morris)

On this 8th day of Oct, 1998, before me personally came Theodore Johnson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

MARILYN C. SCHREIBER
Notary Public of New Jersey
My Commission Expires March 8, 2001

AT&T Corp. P. O. Box 4110 Middletown, New Jersey 07748