

10-25-00

FORM PTO-1005
(Rev. 9-92)
OMB No. 0251-0211 (exp. 4-94)

REC OF

11-03-2000

ET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



Tab settings

To the Honorable Commissioner of Patents

101504537

1 original documents or copy thereof.

1. Name of conveying party(ies):

Gerald G. Pechanek
David Carl Strube
(See Attached Sheet for more names)
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Billions of Operations Per Second, Inc.

Internal Address:

Street Address: 6340 Quadrangle Drive

Suite 210

City: Chapel Hill State: NC ZIP: 27615

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

3. Nature of conveyance:

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

Execution Date: September 27, 2000

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: 9/27/00

A. Patent Application No.(s)

09/599,980

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Peter H. Priest

Internal Address: Law Offices of Peter H. Priest, PLLC

Street Address: 529 Dogwood Drive

City: Chapel Hill State: NC ZIP: 27516

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:

(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.

Peter H. Priest
Name of Person Signing

Peter H. Priest
Signature

Oct. 23, 2000
Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, DC 20231

PATENT
REEL: 011196 FRAME: 0770

Edwin Frank Barry
Charles W. Kurak, Jr.
Carl Donald Busboom
Dale Edward Schneider
Nikos P. Pitsianis
Grayson Morris
Edward A. Wolff
Patrick R. Marchand
Ricardo E. Rodriguez
Marco C. Jacobs

ASSIGNMENT AND AGREEMENT

For value received, we, Gerald G. Pechanek of the City of Cary, State of North Carolina; David Carl Strube of the City of Raleigh, State of North Carolina; Edwin Frank Barry of the City of Cary, State of North Carolina; Charles W. Kurak, Jr. of the City of Durham, State of North Carolina; Carl Donald Busboom of the City of Cary, State of North Carolina; Dale Edward Schneider of the City of Durham, State of North Carolina; Nikos P. Pitsianis of the City of Chapel Hill, State of North Carolina; Grayson Morris of the City of Durham, State of North Carolina; Edward A. Wolff of the City of Chapel Hill, State of North Carolina; Patrick R. Marchand of the City of Apex, State of North Carolina; Ricardo E. Rodriguez of the City of Raleigh, State of North Carolina; Marco C. Jacobs of the City of Durham, State of North Carolina hereby sell, assign and transfer to Billions of Operations Per Second, Inc., a corporation of the State of North Carolina, having an office at 6340 Quadrangle Drive, Suite 210, Chapel Hill, North Carolina 27514, U.S.A., and its successors, assigns and legal representatives, hereinafter collectively Billions of Operations Per Second, Inc., the entire right, title and interest, for the United States of America, in and to certain inventions related to **METHODS AND APPARATUS FOR PARALLEL PROCESSING UTILIZING A MANIFOLD ARRAY (MANARRAY) ARCHITECTURE AND INSTRUCTION SYNTAX**, described in an application for Letters Patent of the United States, which was filed on June 22, 2000 as Serial No. 09/599,980, 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 we also concurrently hereby sell, assign and transfer to Billions of Operations Per Second, Inc. 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.

We authorize Billions of Operations Per Second, Inc. 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 us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We 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 Billions of Operations Per Second, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Billions of Operations Per Second, Inc. in the United States and to Billions of Operations Per Second, Inc. in all countries foreign to the United States, or to such nominees as it may designate.

We agree that, when requested, we shall, without charge to Billions of Operations Per Second, Inc. but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Gerald G. Pechanek
Gerald G. Pechanek

Date: 9/28/2000

United States of America)
State of North Carolina) ss:
County of)

On this 28th day of September, 2000, before me personally came Gerald G. Pechanek, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica J. Torres
Notary Public

My Commission Expires: 6/15/05

David Carl Strube
David Carl Strube

Date: 27 Sept 2000

United States of America)
State of North Carolina) ss:
County of)

On this 27th day of September, 2000, before me personally came David Carl Strube, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica J. Torres
Notary Public

My Commission Expires: 6/15/05

Edwin Frank Barry
Edwin Frank Barry

Date: 9/28/00

United States of America)
State of North Carolina) ss:
County of)

On this 28th day of September, 2000, before me personally came Edwin Frank Barry, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica Q. Torreo
Notary Public

My Commission Expires: 6/15/05

Charles W. Kurak, Jr.
Charles W. Kurak, Jr.

Date: 9/28/00

United States of America)
State of North Carolina) ss:
County of)

On this 28th day of September, 2000, before me personally came Charles W. Kurak, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica Q. Torreo
Notary Public

My Commission Expires: 6/15/05

Carl Donald Busboom
Carl Donald Busboom

Date: 9/28/00

United States of America)
State of North Carolina) ss:
County of)

On this 28th day of September, 2000, before me personally came Carl Donald Busboom, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica D. Torres
Notary Public

My Commission Expires: 6/15/05

Dale Edward Schneider
Dale Edward Schneider

Date: 9/28/00

United States of America)
State of North Carolina) ss:
County of)

On this 28th day of September, 2000, before me personally came Dale Edward Schneider, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica D. Torres
Notary Public

My Commission Expires: 6/15/05

Nikos P. Pitsianis
Nikos P. Pitsianis

Date: 10/4/00

United States of America)
State of North Carolina) ss:
County of)

On this 4th day of October, 2000, before me personally came Nikos P. Pitsianis, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica Q. Torres
Notary Public

My Commission Expires: 6/15/05

Grayson Morris
Grayson Morris

Date: 10 Oct 00

United States of America)
State of North Carolina) ss:
County of)

On this 10th day of October, 2000, before me personally came Grayson Morris, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica Q. Torres
Notary Public

My Commission Expires: 6/15/05

Edward A. Wolff
Edward A. Wolff

Date: 9/28/00

United States of America)
State of North Carolina) ss:
County of)

On this 28th day of September, 2000, before me personally came Edward A. Wolff, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica Q Torres
Notary Public

My Commission Expires: 6/15/05

Patrick R. Marchand
Patrick R. Marchand

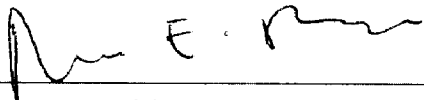
Date: Sept 28, 2000

United States of America)
State of North Carolina) ss:
County of)

On this 28th day of September, 2000, before me personally came Patrick R. Marchand, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Veronica Q Torres
Notary Public

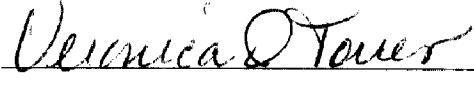
My Commission Expires: 6/15/05



Ricardo E. Rodriguez
Date: 10/4/00


United States of America)
State of North Carolina) ss:
County of)

On this 4th day of October, 2000, before me personally came Ricardo E. Rodriguez, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public


My Commission Expires: 6/15/05



Marco C. Jacobs
Date: 10/4/00

United States of America)
State of North Carolina) ss:
County of)

On this 4th day of October, 2000, before me personally came Marco C. Jacobs, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

My Commission Expires: 6/15/05