

08-01-2000

Docket No. AT9-99-512

7.10.00



101419737

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

1. Name of conveying party(ies):

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

Anirudh Devgan

International Business
Machines Corporation
New Orchard Road
Armonk, New York 10504

3. Nature of conveyance:

X Assignment

Execution Date: June 23, 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 _____.

A. Patent Application No.(s)

B. Patent No.(s)

09/455,057 filed on 06 December 1999 (REEL/FRAME:010447/0495)

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

Casimer K. Salys, Esq.
IBM Corporation
Intellectual Property Law
Internal Zip 4054
11400 Burnet Road
Austin, TX 78758
(512) 823-0092

6. Total number of applications and patents involved: 1

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

Authorized to be charged to
IBM Corporation deposit account

8. X Check Attached (No. 001662)

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.

Catherine A. Berglund

Name of Person Signing

Catherine Berglund

For: FELSMAN, BRADLEY, VADEN,
GUNTER & DILLON, LLP

July 7, 2000

Date

08/01/2000 DNGUYEN 00000038 09455057

01 FC:581

40.00 OP

Total number of pages including cover sheet: 2

PATENT
REEL: 010950 FRAME: 0931

12-22-1999



101228614

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

126K9

1. Name of conveying party(ies):

Charles J. Alpert
Ainirudh Devgan
Steven T. Quay

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

International Business
Machines Corporation
New Orchard Road
Armonk, New York 10504

10688 U.S. PTO
09/455057
12/04/99

3. Nature of conveyance:

X Assignment

Execution Date: November 22, 1999

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 November 22, 1999

A. Patent Application No.(s)

B. Patent No.(s)

09455057

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

Casimer K. Salys
IBM Corporation
Intellectual Property Law
11400 Burnet Road, Zip 4054
Austin Texas 78758
(512) 823-0094

6. Total number of applications and patents involved: 1

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

X Authorized to be charged to deposit account

8. IBM Corporation Deposit account number: 09-0447

12/22/1999 DNGUYEN 00400057 090447 09453057

01 FC:581

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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.

JONATHAN E. JOBE, JR.
Name of Person Signing

for FELSMAN, BRADLEY, VADEN,
GUNTER & DILLON, LLP

12/2/99
Date

Total number of pages including cover sheet: 3

ASSIGNMENT

Whereas, we,

(1) Anirudh Devgan
County of Travis

of Austin
and State of Texas

have invented certain improvement in

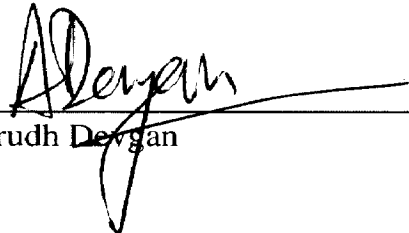
**METHOD OF AND SYSTEM FOR BUFFER INSERTION, LAYER ASSIGNMENT,
AND WIRE SIZING USING WIRE CODES**

and executed a United States patent application therefore on
(*Date Inventor Signed Declaration*) (1) November 22, 1999.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Austin on June 23rd, 2000.



Anirudh Devgan

IBM DOCKET NO. AT9-99-512

ASSIGNMENT

Whereas, we,

(1) Charles J. Alpert of Austin,
County of Travis and State of Texas,

(2) Ainirudh Devgan of Austin,
County of Travis and State of Texas,

(3) Steven T. Quay
County of Travis of Austin,
and State of Texas.

have invented certain improvements in

METHOD OF AND SYSTEM FOR BUFFER INSERTION, LAYER ASSIGNMENT, AND WIRE SIZING USING WIRE CODES

and executed, respectively, a United States patent application therefor on (Dates Inventors Signed Declaration) (1) 11/22, 1999, (2) 11/22, 1999; and (3) 11/22, 1999.


Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Austin on 11/22/, 1999.

Charles J. Alpert
Charles J. Alpert

(2) Signed at Austin on 11/22/, 1999.


A. Devgan

IBM DOCKET NO. AT9-99-512

(3) Signed at Austin on 11/22, 1999.

Steven T. Quay
Steven T. Quay

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
ATTORNEY DOCKET NO. AT9-99-512

In re Application of: §
CHARLES J. ALPERT ET AL. §
Serial No. **09/455,057** § Examiner: **Unknown**
Filed: **06 December 1999** § Art Unit: **2786**
For: **METHOD AND SYSTEM FOR** §
BUFFER INSERTION, LAYER §
ASSIGNMENT, AND WIRE SIZING §
USING WIRE CODES §

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Box Assignment
Washington, D.C. 20231

Sir:

The original Assignment document was previously submitted with the second inventor's name misspelled as "AINIRUDH DEVGAN". Submitted herewith is an Assignment with the correct spelling of the second inventor's name as "ANIRUDH DEVGAN" which has been signed by Anirudh Devan. Please provide a corrected Notice of Recordation for the above-referenced application.

Please find the following documents transmitted herein:

1. Recordation Form Cover Sheet and Assignment;
2. Check No. 001662 in the amount \$40.00;
3. Copy of the Original Recordation of Assignment dated 15 March 2000; and
4. Returned Postcard.

CERTIFICATE OF MAILING

37 CFR 1.8(A)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D. C. 20231.

7/7/00

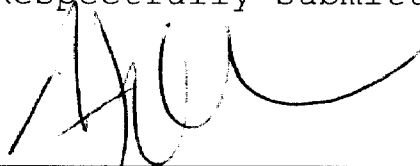
Date



Signature: WILLIAM J. GOLDING

Enclosed is check number 001662 in the amount of \$40.00 to cover the recordation fee. No further fee is believed to be necessary; however, in the event that any fee is required for the prosecution of this application, please charge it against Deposit Account No. 09-0447.

Respectfully submitted,



Andrew J. Dillon
Reg. No. 29,634
FELSMAN, BRADLEY, VADEN,
GUNTER & DILLON, LLP
Suite 350, Lakewood on the Park
7600B North Capital of Texas Highway
Austin, Texas 78731
(512) 343-6116

ATTORNEY FOR APPLICANTS



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 15, 2000

PTAS

IBM CORPORATION
CASIMER K. SALYS
INTELLECTUAL PROPERTY LAW
11400 BURNET ROAD, ZIP 4054
AUSTIN, TX 78758



101228614A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/06/1999

REEL/FRAME: 010447/0495

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ALPERT, CHARLES J.

DOC DATE: 11/22/1999

ASSIGNOR:

DEVGAN, ANIRUDH

DOC DATE: 11/22/1999

ASSIGNOR:

QUAY, STEVEN T.

DOC DATE: 11/22/1999

ASSIGNEE:

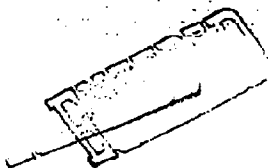
INTERNATIONAL BUSINESS MACHINES
CORPORATION
NEW ORCHARD ROAD
ARMONK, NEW YORK 10504

SERIAL NUMBER: 09455057

PATENT NUMBER:

FILING DATE: 12/06/1999

ISSUE DATE:



PATENT
REEL: 010950 FRAME: 0938

010447/0495 PAGE 2

MAURICE CARTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS