

12-16-2003



To the Assistant Commissioner for Patents.

102623881

or copy thereof.

1. Name of conveying party(ies):

- (1) Daniel Joseph Buerkle
- (2) David Allen Hrusecky
- (3) Charles Francis Marino
- (4) Chuck Hong Ngai
- (5) John William Urda

12-4-03

Additional names of conveying party(ies) attached?

☐ yes ☒ no

3. Nature of Conveyance

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

Execution Date: December 2, 2003

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

Name: International Business Machines Corporation

Internal Address:

Street Address: New Orchard Road

City Armonk

State New York Zip 10504

Additional name(s) & address(es) attached? ☐ yes ☒ no

4. Application number(s) or patent number(s):

TITLE: IMAGE SCALING EMPLOYING HORIZONTAL PARTITIONING

If this document is being filed together with a new application, the execution date of the application is December 2, 2003.

A. Patent Application No(s).

B. Patent No(s).

Docket No. ROC920030197US1

10728347

Additional numbers attached? ☐ Yes ☒ No

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

James R. Nock
IBM Corporation - Dept. 917
3605 Highway 52 North
Rochester, MN 55901-7829

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
 - ☒ Total fee due
 - ☒ Any deficiencies in the enclosed fees

8. Deposit account number:

09-0465

(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.

James R. Nock, Reg. No. 42,937
Name of Person Signing

James R. Nock
Signature

December 4, 2003
Date

Total number of pages comprising cover sheet: 1

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ASSIGNMENT

WHEREAS, we, Daniel Joseph Buerkle, residing at 3607 Baker School House Road, Cincinnati, New York 13040; David Allen Hrusecky, residing at 2104 Woodridge Cove, Cedar Park, Texas 78613; Charles Francis Marino, residing at 3722 Laurel Bay Loop, Round Rock, Texas 78681; Chuck Hong Ngai, residing at 725 Partridge Place, Endwell, New York 13760; and John William Urda, residing at 1007 Park Hill Drive, Endwell, New York 13760; made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on December 2, 2003, _____, _____, December 2, 2003, and December 2, 2003, respectively, which is entitled IMAGE SCALING EMPLOYING HORIZONTAL PARTITIONING.

AND WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at New Orchard Road, Armonk, New York 10504 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

12/2/2003

Daniel Joseph Buckle

Date _____

Date _____

12/2/03

Chuk Hag Ya'

12/2/03

Date _____

John William Underhill

John William Urda

ASSIGNMENT

WHEREAS, we, Daniel Joseph Buerkle, residing at 3607 Baker School House Road, Cincinnati, New York 13040; David Allen Hruscky, residing at 2104 Woodridge Cove, Cedar Park, Texas 78613; Charles Francis Marino, residing at 3722 Laurel Bay Loop, Round Rock, Texas 78681; Chuck Hong Ngai, residing at 725 Partridge Place, Endwell, New York 13760; and John William Urda, residing at 1007 Park Hill Drive, Endwell, New York 13760; made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on 12/2/2003, 12/2/2003, and , respectively, which is entitled IMAGE SCALING EMPLOYING HORIZONTAL PARTITIONING.

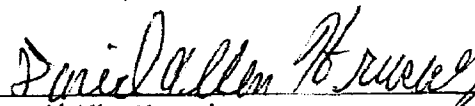
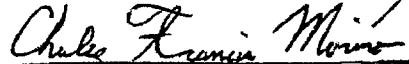
AND WHEREAS, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at New Orchard Road, Armonk, New York 10504 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Date	Daniel Joseph Buerkle
12/02/2003	
Date	David Allen Hrusecky
12/02/03	
Date	Charles Francis Marino
Date	Chuck Hong Ngai
Date	John William Urda