



To The Honorable Commissioner of Patents and Trademarks: Please

1. Name of conveying party(ies):
Joseph S. Beda Kevin T. Gallo
Gregory D. Swedberg Paul C. David
Oreste Dorin Ungreanu Matthew W. Calkins

2. Name and address of receiving party(ies) 102150822
Name: Microsoft Corporation
Internal Address: _____
Street Address: One Microsoft Way
City: Redmond State: Washington Zip: 98052

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates: June 20, 2002; June 20, 2002; June 20, 2002;
June 20, 2002; June 20, 2002; June 17, 2002

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

4. Application number(s) or patent number(s): 10/184795

If this document is being filed together with a new application, the execution date of the application is: Declaration executed June 17, 2002 and June 20, 2002; Title: "Multiple-Level Graphics Processing System and Method"; Express Mail No. EU100107089US; BEDA et al., filed on June 27, 2002.

A. Patent Application No.(s)
New Application Filed Herewith -
Exp. Mail No. EU100107089US
Additional numbers attached? Yes No

B. Patent No.(s)
Total number of applications and patents involved: 1
Total Fee (37 CFR 3.41)\$40.00
 Enclosed
 Authorized to be charged to credit card (form enclosed)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Albert S. Michalik
Internal Address: 3140/183345.2
Company Name: Law Offices of Albert S. Michalik, PLLC
Street Address: 704 - 228th Avenue NE
Suite 193
City: Sammamish State: WA ZIP: 98074

8. Deposit account number:

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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.

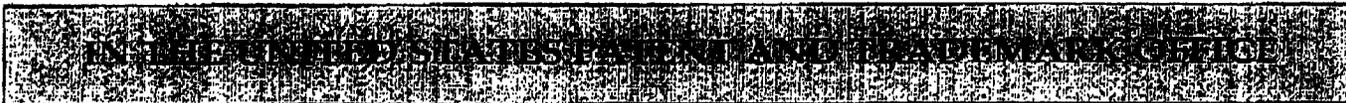
Albert S. Michalik
Printed Name of Person Signing
Albert S. Michalik
Signature
Date: June 27, 2002

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

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04 FC:581 40.00 OP
3140

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231



Inventorship Beda et al.
 Applicant Microsoft Corporation
 Attorney's Docket No. 3140
 MS Docket No. 183345.1
 Title: Multiple-Level Graphics Processing System and Method

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Assignee:

Microsoft Corporation
 Corporation in the State of Washington
 One Microsoft Way
 Redmond, WA 98052

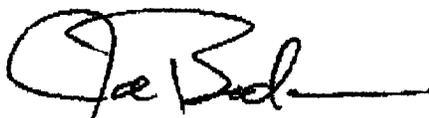
AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Multiple-Level Graphics Processing System and Method," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

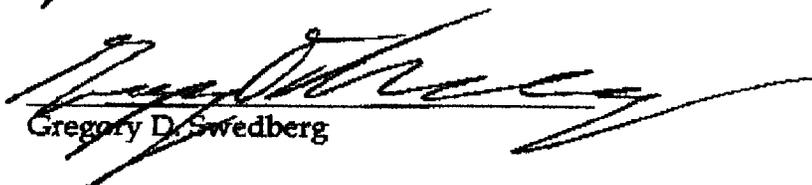
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

6/20/2002
Date



Joseph S. Beda

6/20/2002
Date



Gregory D. Swedberg

6/20/2002
Date



Oreste Dorin Ungureanu

6/20/2002
Date



Kevin T. Gallo

6/20/2002
Date



Paul C. David

6/17/2002
Date



Matthew W. Calkins