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OMB No. 0651-0011 (exp. 4/94)
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101713971

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1. Name of conveying party(ies):
Keith S. Hamilton
Steve Jamieson
05/07/01

2. Name and address of receiving party(ies):
Microsoft Corporation
One Microsoft Way
Redmond, WA 98052
*JCS62 U.S. PTO
09/850318
05/07/01*

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

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

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

Execution Date: May 2, 2001

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: May 2, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09/850318

Additional numbers attached? Yes No

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

Name: Richard J. Gregson
Address: Merchant & Gould P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903



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. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

Richard J. Gregson
Name of Person Signing

Richard J. Gregson
Signature

7 May 2001
Date

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

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05/13/2001 10:00:00 AM 00000971 098000318

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PATENT
REEL: 011780 FRAME: 0343

ASSIGNMENT

WHEREAS, we, Keith S. Hamilton and Steve Jamieson, (hereinafter referred to as ASSIGNORS), having post office addresses of 206 - 209th Place Southeast, Sammamish, Washington 98074 and 12357 - 76th Court Northeast, Kirkland, Washington 98034, respectively, are the joint inventors of an invention entitled "PUBLIC AND PRIVATE COMPONENTS OPERATING WITHIN MULTIPLE APPLICATIONS OF A COMPONENT-BASED COMPUTING SYSTEM," as described and claimed in the specification forming part of an application for United States letters patent filed herewith or;

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, ASSIGNORS hereby sell, assign and transfer unto said 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 ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS 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.

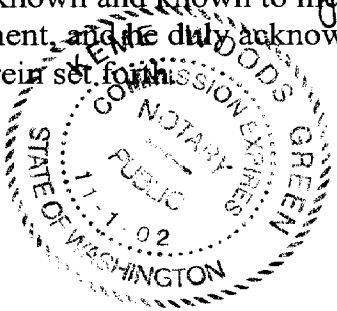
IN TESTIMONY WHEREOF, I have hereunto set my hand this 2 day of May, 2001.

Keith Hamilton
Keith S. Hamilton

STATE OF WASHINGTON)
) ss.
COUNTY OF King)

On this 2 day of May, 2001, before me personally appeared Keith S. Hamilton, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



James Woods Green
Notary Public

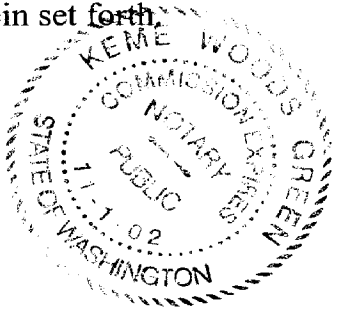
IN TESTIMONY WHEREOF, I have hereunto set my hand this 2 day of May, 2001.

Steve Jamieson
Steve Jamieson

STATE OF WASHINGTON)
) ss.
COUNTY OF King)

On this 2 day of May, 2001, before me personally appeared Steve Jamieson, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



James Woods Green
Notary Public