

08-30-2000

U.S. DEPARTMENT OF COMMERCE
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Atty Ref/Docket No.: 777.388US1



101446872

To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, D.C. 20503, for a copy thereof.

1. Name of conveying party(ies):

Richard M. Shupak

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

Name: Microsoft Corporation

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

Street Address: One Microsoft Way

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement

[] Change of Name

[] Other _____

City: Redmond State: WA ZIP: 98052

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

Execution Date: July 28, 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: July 28, 2000

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

09628839

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

Name: Michael G. Smith

6. Total number of applications and patents involved: 1

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

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

[X] Enclosed

[] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
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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.

Michael G. Smith/Reg. No. 45,368

Name of Person Signing

Signature

July 31, 2000

Date

Total number of pages including cover sheet: 3

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

08/29/2000 MTHAI1 00000128 09628839

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PATENT
REEL: 011025 FRAME: 0512

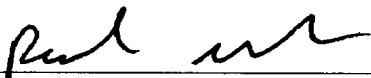
ASSIGNMENT

WHEREAS, I, Richard M. Shupak (hereinafter referred to as ASSIGNOR), having a post office address of 372 145th Place SE, Bellevue, WA 98007 am the inventor of an invention entitled "DEBUG ANNOTATIONS", as described and claimed in the specification forming part of an application for United States letters patent executed herewith;

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 hereby sells, assigns and transfers 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 ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees 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 28th day of July, 2000.



Richard M. Shupak

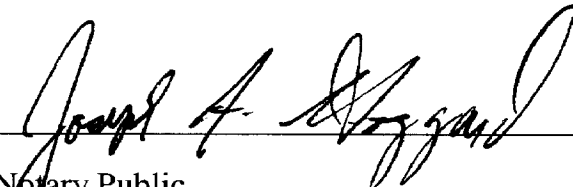
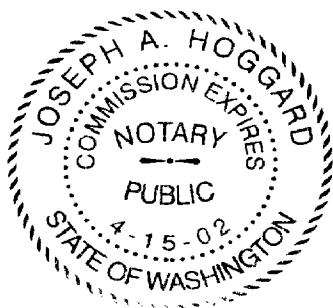
STATE OF WASHINGTON)

)ss.

COUNTY OF KING)

On this 28 day of July, 2000 before me personally appeared Richard M. Shupak to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]


Notary Public