

6-2-03

06-13-2003



To the Honorable Commissioner for Patents:

102472997

Please record the attached original document or copy thereof.

1. Name of conveying party(ies):
Daniel Shapiro
Raymond D. Pedrizetti

Additional name(s) of conveying party(ies) attached? YES NO

2. Name and address of receiving party(ies):
Name:
Microsoft Corporation
Internal Address:

Street Address:
One Microsoft Way
City: Redmond
State: WA Zip Code: 98052

Additional name(s) & address(es) attached? YES NO

17613 U.S. PTO
10/449085
06/02/03

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: 1/14/99; 1/14/99

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):
(include series code or filing date)
10, 449085
filed concurrently herewith, application number TBD

Additional application or patent numbers attached? YES NO

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Banner & Witcoff, Ltd.
Address: 1001 G Street, N.W., 11th Floor
City: Washington
State: D.C. Zip: 20001-4597

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to charge Deposit Account 19-0733

8. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 19-0733, as necessary.

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.

Ross A. Dannenberg, Reg. No. 49,024
Name of Person Signing

Ross A. Dannenberg
Signature

June 2, 2003
Date

Atty. Docket No.: 003797.00609

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

06/12/2003 TDIAZI 00000106 190733 10449085
01 FC:8021 40.00 CH

ASSIGNMENT

WHEREAS, we, Daniel Shapiro and Raymond D. Pedrizetti (hereinafter referred to as ASSIGNORS), having post office addresses of 8102 - 146th Court NE, Redmond, Washington 98052; and 4101 E. Lake Sammamish Parkway SE, Issaquah, Washington 98029, respectively, are the joint inventors of an invention entitled "SOLID-STATE MEMORY DEVICE THAT EMULATES A KNOWN STORAGE DEVICE," as described and claimed in the specification forming part of an application for United States letters patent was filed on September 23, 1998 and assigned Application No. 09/159,522.

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a business address of One Microsoft Way, Redmond, Washington 98052-6399, 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 consideration of 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.

Date 1-14-1999

[Signature]
Daniel Shapiro

State of Washington)
County of King)

ss.

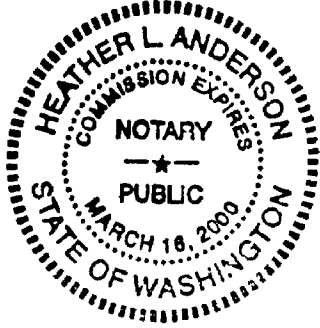
I certify that I know or have satisfactory evidence that Daniel Shapiro is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 1-14-1999

Signature of Notary Public [Signature]

Printed Name Heather L. Anderson

My appointment expires March 16, 2000



Date 1/14/99

[Signature]
Raymond D. Pedrizetti

State of Washington)
County of King)

ss.

I certify that I know or have satisfactory evidence that Raymond D. Pedrizetti is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 1-14-1999

Signature of Notary Public [Signature]

Printed Name Heather L. Anderson

My appointment expires March 16, 2000

