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102064190

PATENT

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

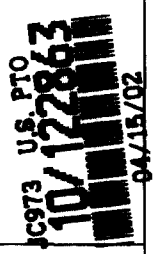
Submission Type

- New
- Resubmission (Non-Recorrelation)
Document ID #
- Correction of PTO Error
Reel # Frame #
- Corrective Document
Reel # Frame #

04/15/02

Conveyance Type

- Assignment
- License
- Merger
- Security Agreement
- Change of Name
- Other:



Conveying Party(ies)

1. John L. Miller

Execution Date(s)

April 12, 2002

- 2.
- 3.
- 4.
- 5.

Mark if Additional Names of Conveying Parties Attached

Receiving Party

Name Microsoft Corporation

Name

Address One Microsoft Way

Address

Address Redmond

Washington

98052

City

State/Country

Zip Code

Mark if Additional Names of Receiving Parties Attached

Correspondent Name and Address

Jeffery J. Makeever
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Attorney Docket No. 215018

Pages Enter the total number of pages of the attached conveyance document including any attachments: 3

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Numbers

Patent Numbers

If this document is being filed together with a *new* Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number *only* if a U.S. Application Number has not been assigned.

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Number of Properties

Enter the total number of properties involved:

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$40.00

Method of Payment:

Enclosed is a check in the amount of \$1,260.00 of which \$40.00 is for assignment.

Charge Deposit Account No. 12-1216

Authorization to Charge Additional Fees to Deposit Account No. 12-1216: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Jeffery J. Makeever

37,390

April 15, 2002

Name of Person Signing

Signature

Date

Leydig, Voit & Mayer, Ltd.
Attorneys at Law
Two Prudential Plaza
Suite 4900
180 North Stetson
Chicago, Illinois 60601-6780

ASSIGNMENT

WHEREAS, I, John L. Miller, 1306 140th Place, NE, Bellevue, Washington 98007 (hereinafter referred to as ASSIGNOR), am the sole inventor of an invention entitled MULTI-LEVEL CACHE ARCHITECTURE AND CACHE MANAGEMENT METHOD FOR PEER-TO-PEER NAME RESOLUTION PROTOCOL as described and claimed in the specification forming part of an application for United States letters patent filed herewith.

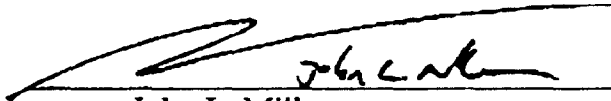
WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, Washington 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent 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

In re Application of John Miller
Assignment

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 04/12/02



John L. Miller