

11-19-2002

MSFT-0186/154572.1



To The Honorable Commissioner of Patents

102285208

.hed original documents or copy thereof.

1. Name of conveying party(ies):

11-14-02

Kathryn E. Hughes

August 8, 2002

First Assignor

Date of Execution

Frank D. Byrum

August 21, 2002

Second Assignor

Date of Execution

Third Assignor

Date of Execution

Fourth Assignor

Date of Execution

Fifth Assignor

Date of Execution

Sixth Assignor

Date of Execution

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

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

Name: Microsoft Corporation

Street Address: One Microsoft Way

City: Redmond

State Washington

ZIP 98052-6399

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

3. Nature of Conveyance (check only one):

(X) New Assignment

() Merger

() License Agreement

() Security Agreement

() Change of Name

() Other:

() Cross-reference of Assignment filed in United States

Application No. / , recorded on at

Reel No. and Frame No.

4. Identification of Application number(s), patent number(s) OR date of execution of application to which assignment refers:

Application Nos.:

Patent Nos.:

Date application was signed by the first
named executing inventor

09/604,939

(Fill-in this date only if assignment is
filed together with a new application)5. Name and address of party to whom correspondence
concerning documents should be mailed:Name: Peter M. Ullman
WOODCOCK WASHBURN LLP
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301
215-568-3100

6. Total number of applications and patents involved: 1

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

(x) Enclosed

() Authorized to be charged to Deposit Account
Number 23-30508. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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.

Peter M. Ullman/Reg. No. 43,963

Name of Person Signing/Reg. No.

Signature

Date

11-5-02

Total number of pages including cover sheet, assignment document and additional pages attached thereto: 7

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

11/19/2002 LMUELLER 00000022 09604939

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

01 FC:8021

40.00 OP

PATENT
REEL: 013490 FRAME: 0563

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number..... 09/604,939
Filing Date..... June 27, 2000
Inventorship..... Marco A. DeMello, *et al.*
Applicant..... Microsoft Corporation
Attorney's Docket No. MSFT-0186/154572.1
Title: ASYNCHRONOUS COMMUNICATION WITHIN A SERVER ARRANGEMENT

PATENT ASSIGNMENT**PARTIES TO THE ASSIGNMENT****Assignor(s):**

Kathryn E. Hughes
16231 NE 51st Street
Redmond, Washington 98052

Frank D. Byrum
1200 Western Avenue
Seattle, Washington 98101

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are joint inventor(s) with Marco A. DeMello, Pavel Zeman, Vinay Krishnaswamy, and Prashant Malik, of 6606 152nd Avenue, Redmond, Washington 98052, 13116 NE 108th Street, Kirkland, Washington 98033, 23319 NE 152nd Pl., Woodinville, Washington 98072, and 1820 154th Avenue NE, D-228, Bellevue, Washington 98007, respectively, of an invention entitled 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.

This Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

8/8/02

Date _____

K Hughes.

Kathryn E. Hughes

Date _____

Frank D. Byrum

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number09/604,939
Filing Date June 27, 2000
Inventorship Marco A. DeMello, *et al.*
Applicant Microsoft Corporation
Attorney's Docket No. MSFT-0186/154572.1
Title: ASYNCHRONOUS COMMUNICATION WITHIN A SERVER ARRANGEMENT

PATENT ASSIGNMENT**PARTIES TO THE ASSIGNMENT****Assignor(s):**

Kathryn E. Hughes
16231 NE 51st Street
Redmond, Washington 98052

Frank D. Byrum
1200 Western Avenue
Seattle, Washington 98101

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are joint inventor(s) with Marco A. DeMello, Pavel Zeman, Vinay Krishnaswamy, and Prashant Malik, of 6606 152nd Avenue, Redmond, Washington 98052, 13116 NE 108th Street, Kirkland, Washington 98033, 23319 NE 152nd Pl., Woodinville, Washington 98072, and 1820 154th Avenue NE, D-228, Bellevue, Washington 98007, respectively, of an invention entitled 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;

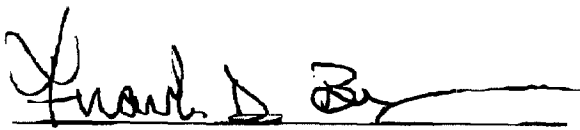
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted 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.

This Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

Date

Kathryn E. Hughes

21 Aug 2002
Date


Frank D. Byrum