

11-15-2000



To The Honorable Commissioner of Patent and Trademark Office

101519632

attached original documents or copy

1. Name of conveying party(ies):

(1) Marco A. DeMello, (2) Pavel Zeman,
(3) Vinay Krishnaswamy and (4) Frank D. ByrumAdditional name(s) of conveying party(ies)
attached? () YES (X) NO

3. Nature of Conveyance:

- (X) Assignment () Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (1), (2), & (3) October 12, 2000;
(4) October 16, 2000

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

Name: **MICROSOFT CORPORATION**Street Address: **One Microsoft Way**City **Redmond**State **Washington** ZIP **98052**

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

4. Application number(s) or patent number(s): 09/604,939

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? () YES (X) NO

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

Name: **Peter M. Ullman**Internal Address: **WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, Pennsylvania 19103-7301**Street Address: **WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
1650 Market Street
Philadelphia, Pennsylvania 19103-7301**

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 23-3050

8. Please charge any deficiency or credit any
overpayment to Deposit Account Number 23-3050

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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.***Peter M. Ullman/43,963**

Name of Person Signing/Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

WHEREAS, we, Marco A. DeMello, Pavel Zeman, Vinay Krishnaswamy and Prashant Malik (hereinafter referred to as ASSIGNORS), having post office addresses of 6606 152nd Avenue, Redmond, WA 98052; 13116 NE 108th Street, Kirkland, WA 98033; 23319 NE 142nd Pl, Woodinville, WA 98072 and 1820 154th Avenue NE, D-228, Bellevue, WA 98007 respectively, are the joint inventors of an invention entitled "ASYNCHRONOUS COMMUNICATION WITHIN A SERVER ARRANGEMENT," as described and claimed in the specification forming part of an application for United States letters patent as filed on June 27, 2000, and assigned Serial No. 09/604,939:

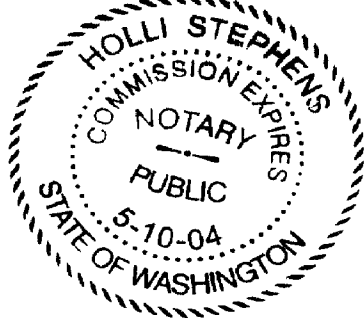
WHEREAS, **MICROSOFT CORPORATION** (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent 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 purposes of protecting title to said invention or letters patent therefor.

Marco A. DeMello (L.S.)
Marco A. DeMello

Washington :
COUNTY OF King : SS

On this 12 day of October, year of 2000, before me personally came the above named Marco A. DeMello to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth

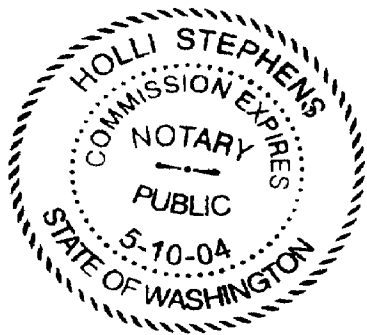


Holli Stephens
Notary Public

Pavel Zeman (L.S.)
Pavel Zeman

Washington :
COUNTY OF King : SS

On this 12 day of October, year of 2000, before me personally came the above named Pavel Zeman to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth

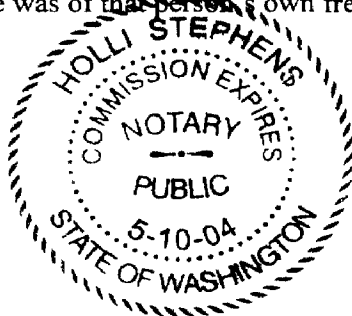


Holli Stephens
Notary Public

Vinay Kishnaswamy (L.S.)
 Vinay Kishnaswamy

Washington :
 COUNTY OF King : SS

On this 12 day of October, year of 2000, before me personally came the above named Vinay Kishnaswamy to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth

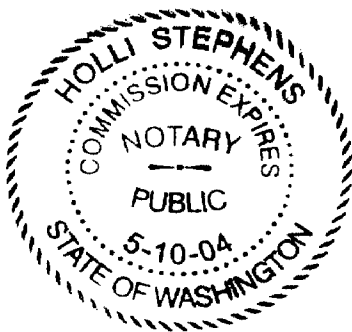


Holli Stephens
 Notary Public

Prashant Malik (L.S.)
 Prashant Malik

Washington :
 COUNTY OF King : SS

On this 16 day of October, year of 2000, before me personally came the above named Prashant Malik to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth



Holli Stephens
 Notary Public