

07-29-1998

Atty Ref/Docket No.: 777.151US1



To the Honorable Commissioner of Patents and Trademark

100778628

copy thereof.

MRD 7-21-98

1. Name of conveying party(ies):

Palamalai Gopalakrishnan

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: July 20, 1998

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

Name: Microsoft Corporation

Street Address: One Microsoft Way

City: Redmond State: WA ZIP: 98052-6399

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



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 20, 1998

A. Patent Application No.(s)

B. Patent No.(s)

09/119835

Additional numbers attached? Yes No

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

Name: Michael A. Dryja

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

6. Total number of applications and patents involved: 1

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

- 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 A. Dryja/Reg. No. 39,662
Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 3

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

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ASSIGNMENT

WHEREAS, I, Palamalai Gopalakrishnan, (hereinafter referred to as ASSIGNOR), having a post office address of 13105 122nd Lane NE, #R201, Kirkland, WA 98034, is the sole inventor of an invention entitled "DATA RATE SMOOTHING", 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 98052-6399, 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 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.

ASSIGNMENT
Applicant: Palamalai Gopalakrishnan
Invention: DATA RATE SMOOTHING

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 20th day of July, 1998.

P. Gopalakrishnan
Palamalai Gopalakrishnan

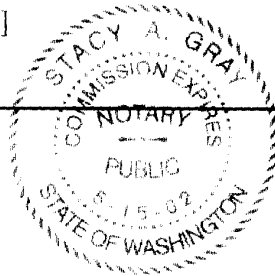
STATE OF WA)

)ss.

COUNTY OF King)

On this 20th day of July, 1998 before me personally appeared Palamalai Gopalakrishnan 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]



Stacy A. Gray
Notary Public