

04-05-2002

FORM PTO-1595
(REV 6-93)



SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-011 (exp. 4/94)

102044547

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Patrice Y. Simard
Henrique S. Malvar
Dinei Alfonso Ferreira Florencio
David Willard Steinkraus

03/28/02

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

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

Name: Microsoft Corporation

Internal Address:

Street Address: One Microsoft Way

City: Redmond

State/Country: Washington ZIP: 98052

J11135 U.S. PTO
10/109419
03/28/02

3. Nature of conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: 3/27/2002; 3/28/2002

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

4. Application number(s) or patent number(s):

3/27/2002;

If this document is being filed together with a new application, the execution date of the application is: 3/28/2002

A. Patent Application No.(s)

04/03/2002 STEUMEL1 00000008 10109419

40.00 DP

B. Patent No.(s)

Additional Numbers attached? [] Yes [X] No

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

Name: Himanshu S. Amin

Internal Address:

Amin & Turocy, LLP

Street Address: 24th Floor, National City Cetrer

1900 E. 9th Street

City: Cleveland

State: Ohio ZIP: 44114

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

8. Deposit account number:

50-1063

(Attach duplicate copy of this page if paying by deposit account)

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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.

Himanshu S. Amin

Name of Person Signing

Signature

March 28, 2002

Date

Reg. No. 40,894 Total number of pages including cover sheet attachments, and document: [5]

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 012741 FRAME: 0981

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:
Filing Date:
Inventorship: Patrice Y. Simard, et al.
Applicant: Microsoft Corporation
Attorney's Docket No.: MS188872.1
MS Docket No.: MSFTP310US
Title: TARP FILTER

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Patrice Y. Simard
13126 NE 31st Place
Bellevue, Washington 98005

Henrique S. Malvar
2302 233rd Avenue NE
Sammamish, Washington 98074

Dinei Afonso Ferreira Florencio
4603 168th CT NE
Redmond, Washington 98052

David Willard Steinkraus
837 Gonzales Road
Santa Fe, NM 87501

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "TARP FILTER" 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

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invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

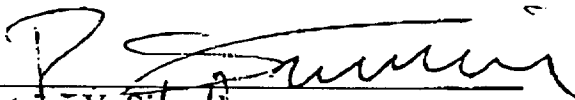
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any

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 therefore.

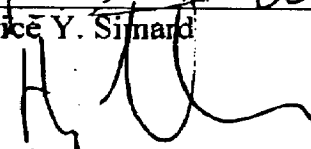
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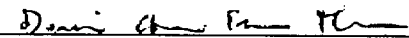
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Dinei Afonso Ferreira Florencio

March 28, 2002
Date



David Willard Steinkraus