

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Patrice Y. Simard</td><td>03/27/2002</td></tr><tr><td>Henrique S. Malvar</td><td>03/28/2002</td></tr><tr><td>Dinei Afonso Ferreira Florencio</td><td>03/27/2002</td></tr><tr><td>David Willard Steinkraus</td><td>03/28/2002</td></tr></tbody></table>	Name	Execution Date	Patrice Y. Simard	03/27/2002	Henrique S. Malvar	03/28/2002	Dinei Afonso Ferreira Florencio	03/27/2002	David Willard Steinkraus	03/28/2002	
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Dinei Afonso Ferreira Florencio	03/27/2002										
David Willard Steinkraus	03/28/2002										
RECEIVING PARTY DATA											
Name:	Microsoft Corporation										
Street Address:	One Microsoft Way										
City:	Redmond										
State/Country:	WASHINGTON										
Postal Code:	98052										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11287671</td></tr></tbody></table>	Property Type	Number	Application Number:	11287671							
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Application Number:	11287671										
CORRESPONDENCE DATA											
Fax Number:	(216)696-8731										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	MS188872.02/MSFTP310USA										
NAME OF SUBMITTER:	Himanshu S. Amin										

OP \$40.00 11287671

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PATENT  
REEL: 016880 FRAME: 0869

**Total Attachments: 4**

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**PATENT**

**REEL: 016880 FRAME: 0870**

**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 31<sup>st</sup> Place  
Bellevue, Washington 98005

Henrique S. Malvar  
2302 233<sup>rd</sup> Avenue NE  
Sammamish, Washington 98074

Dinei Afonso Ferreira Florencio  
4603 168<sup>th</sup> 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

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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MS188872.1

MS Docket No.:

MSFTP310US

Title:

TARP FILTER

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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant:

Attorney's Docket No.:

MS Docket No.:

Title:

Patrice Y. Simard, et al.

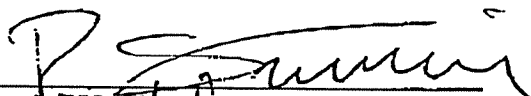
Microsoft Corporation

MS188872.1


MSFTP310US

TARP FILTER

3/27/02  
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Henrique S. Malvar

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Date

\_\_\_\_\_  
Dinei Afonso Ferreira Florencio

March 28, 2002  
Date

  
\_\_\_\_\_  
David Willard Steinkraus

**PATENT**

**RECORDED: 12/12/2005**

**REEL: 016880 FRAME: 0874**