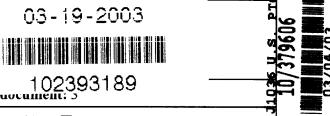
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RECORDATION FORM COVER SH

BOX PATENT APPLICATION

COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231



1. Total number of pages including cover sheet, attachments and document: 3		
	heck here if additional name(s) attached	
Name Microsoft Corporation Address One Microsoft Way City Redmond State/Country Washington	onal name(s) & address(es) are attached Zip 98052	
4. Nature of Conveyance 10, 37960 € ☐ Assignment ☐ Merger ☐ Security Agreement ☐ Name Change ☐ Other:		
5. Total number of applications and patents involved: 1		
6. Total Fee Enclosed (37 C.F.R. § 3.41): \$40.00		
7. Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550		
8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent. A. This document is being filed with a new application. Execution date is: March 4, 2003 B. Patent Application No.(s) or Patent No.(s): Check here if additional numbers are attached		
9. Correspondent's name, address, and telephone number Kyle B. Rinehart Klarquist Sparkman, LLP One World Trade Center, Suite 1600 121 S.W. Salmon Street Portland, Oregon 97204-2988 Telephone: 503-226-7391		
10. Please return the attached postcard to confirm that these items have been received.		
11. 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. March 4, 2003		
Kyle B. Rinehart Name of Person Signing Signature	March 4, 2003 Date	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number	not yet assigned
Filing Date	executed concurrently herewith
	Srinivasan
Applicant	Microsoft Corporation
Attorney's Docket No	
MS Docket No	301068.5

Title: APPROXIMATE BICUBIC FILTER

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Sridhar Srinivasan 1504 Aurora Avenue N., #509 Seattle, Washington 98109 United States of America

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 "APPROXIMATE BICUBIC 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 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,

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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.

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RECORDED: 03/04/2003