,1	Docket No.: J 905-015-99
FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Copyright 1996-97 LegalStar P084/REV02	1999 HEET OF ARTMENT OF COMMERCE Patent and Trademark Office
Tab settings → ▼ To the Honorable Commissioner of 101048	the attached of shared documents or copy thereof.
1. Name of conveying party(ies): Henrique S. Malvar Additional names(s) of conveying party(ies) attached?	2. Name and address of receiving party(ies):
3. Nature of conveyance:	
🛛 Assignment 🔲 Merger	
 Security Agreement Other Execution Date: April 26, 1999 	City: Redmond State/Prov.: WA Country: USA ZIP: 98052 Additional name(s) & address(es) attached? Yes X
If this document is being filed together with a new applic Patent Application No. Filing date 09/259,669 2/26/99	B. Patent No.(s)
05/26/1999 HNBANI 00000092 500463 09259669 P FC:581 40.00 CH Additional numb	bers attached? 🔲 Yes 🛛 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Edmond A. DeFrank	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. <u>37,814</u> Address: LYON, HARR & DEFRANK	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
300 East Esplanade Drive	Authorized to be charged to deposit account
Suite 800City:OxnardState/Prov.:CACountry:USAZIP:93030	8. Deposit account number: 50-0463
DO NOT USE THIS SPACE	
 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. Edmond A. DeFrank 	
Name of Person Signing	Signature 3 Date
Total number of pages including cover sheet, attachments, and document PATEDT REEL: 009972 FRAME: 0087	

ASSIGNMENT

WHEREAS, I, Henrique S. Malvar (hereinafter referred to as ASSIGNOR), having post office address of <u>2302 233rd Ave. NE, Redmond, WA 98053</u>, am the sole inventor of an invention entitled "<u>A SYSTEM AND METHOD FOR</u> <u>PRODUCING MODULATED COMPLEX LAPPED TRANSFORMS</u>," as described and claimed in the specification forming part of an application for United States letters patent filed February 26, 1999 and assigned Serial No. 09/259,669;

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 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

1

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.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

1) ASSIGNO

Dated: APR. 26, 1999

Henrique S. Malvar

State of harmon of the County of KING

On this <u>269</u> day of <u>APKIL</u>, 19<u>99</u>, before me, a

Notary Public in and for the State and County aforesaid, personally appeared Henrique S. Malvar, known to me to be the person of that name, who signed the foregoing instrument, and who acknowledged that he signed it as a free act on his behalf, on the day and year aforesaid.



2

PATENT REEL: 009972 FRAME: 0089

RECORDED: 05/25/1999