09-08-19	U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office
09-06-18	EET
	Attv. Docket No.: MS-25/1(36432.1)
To the Honorable Commissioner	2. Name and address of receiving party(ies):
1. Name of conveying partyles).	
Henrique S. MALVAR	Name: Microsoft Corporation
Additional name(s) of conveying party(ies) attached?Yes XX No	Address:
Additional manager of the straight of the stra	Street Address: One Microsoft Way
3. Nature of conveyance:	
XX Assignment Merger Change of Name	City: Redmond State: WA ZIP: 98052
Other	
Execution Date: August 13, 1998	
Execution Date. Adjust 15, 1990	Additional name(n) flooderane(ns) attached?
A A Design To a Control of the Contr	Additional name(s) & address(es) attached? Yes XX No
Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execu	tion date of the application is:
A. Patent Application No.(s) 09/089,782 B. P	late A No. (c)
A. Patent Application No.(s) U3/U03,702	atent No.(s)
Additional numbers attached? Yes XX No	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning document should be mailed: Name: Peter L. Michaelson, Esq.	7. Total fee (37 CFR 3.41)
MICHAELSON & WALLACE	XX Included with Filing Fees Any additional fees required are authorized to be
Customer No. 007265	charged to the deposit account listed below.
Internal Address: PO Box 8489	
Street Address: Parkway 109 Office Center	Deposit account number:
328 Newman Springs Rd.	<u>50-0463</u>
City: Red Bank State: NJ ZIP: 07701	(Attach duplicate copy of this page if paying by deposit account)
	THIS SPACE
9. Statement and signature	
	and correct and any attached copy is a true copy of the original document
Peter L. Michaelson Veta L. M.	August 2/, 1998
Name of Person Signing Signi	ature Date
ONE N. 0054 00444 4049	Total number of pages comprising cover sheet plus assignment: 3
OMB Na. 0651-0011(exp.4/94)	Do not detach this portion
Mail documents to be recorded with required cover sheet information to:	bo not detach this portion
Commissioner of Patents and Trademarks	
Box Assignments Washington, D.C. 20231	
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including imego reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this	
burden estimate to the U.S. Patent and Trademark Office, Office of information Systems, PK2-1000C, Washington, D.C. 20231, and the Office	
of Management and Budget, Paperwork Reduction Project (0651-0011), W	/ashington, D.C. 20503.

ASSIGNMENT

WHEREAS, I, <u>Henrique S. MALVAR</u> (hereinafter referred to as ASSIGNOR), having post office address of <u>2302 233rd Avenue NE</u>, <u>Redmond</u>, <u>WA 98058</u> and am the sole inventor of an invention entitled:

FAST SYSTEM AND METHOD FOR COMPUTING MODULATED TRANSFORMS

as described and claimed in the specification forming part of an application for United States letters patent filed <u>June 3, 1998</u> and assigned Serial No. 09/089,782;

WHEREAS, <u>Microsoft Corporation</u> (hereinafter referred to as ASSIGNEE), a corporation of the State of <u>Washington</u> having a place of business at <u>One Microsoft Way, Redmond, WA 98052</u>, 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 goods 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.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of
Henrique S MALVAR, ASSIGNOR
,
State of washington :
State of washington : County of King :
On this day of fucual, , 1998, 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 and sealed the foregoing instrument, and acknowledged the same to be his/her free act and deed.
Hunda y Johnson
Notary Public Anc.

RECORDED: 08/21/1998