orm PTO-1595 (Rev. 07/05)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
MB No. 0651-0027 (exp. 6/30/2008) RECORDATION FOI PATENT	
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
	2. Name and address of receiving party (100)
. Name of conveying party(ies) Hiot H. Omiya 01/04/2007	Name: Microsoft Corporation
Daniel J. Sisolak 01/04/2007	Internal Address:
Additional name(s) of conveying party(les) attached? Yes No. No. Nature of conveyance/Execution Date(s):	Street Address: One Microsoft Wav
Execution Date(s) <u>Listed in Box 1 above.</u> Assignment Merger Security Agreement Change of Name	City: Redmond
Joint Research Agreement	State: WA
Government Interest Assignment	Country:Zip: <u>98052</u>
Executive Order 9424, Confirmatory License	1
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
11/610,460 filed 12/13/2006	
Additional numbers a	ttached? Yes No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name:Lee & Hayes, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:	Authorized to be charged by credit card
Street Address: 421 W Riverside Ave Ste 500	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title
City: Spokane	8. Payment Information
State: WA Zip: 99201	a. Credit Card Last 4 Numbers 1018 Expiration Date 06/09
Phone Number: <u>509-324-9256</u>	b. Deposit Account Number
Fax Number: 509-323-8979	Authorized User Name
Email Address:	
9. Signature:	
Signature Brian J. Pangrie Reg	# 42973 Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	14 - 14 - 54 - /574\ 273.04/0, or malled to:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

P.03/04

MS Docket No. 319140.01 (OC Docket No. MS1-3362US)

PATENT ASSIGNMENT

PATENT ASSIGNMENT		
I/WE, Elliot H. Omiya, Daniel J. Sisolak, ("ASSIGNOR"), have invented		
subject matter ("INVENTION") disclosed and/or claimed in a patent application critical		
, , , , , , , , , , , , , , , , , , ,		
— with site And the executed PATENT Approximation and the content of the content		
haraby authorizes, and requests. ASSIGNEE'S legal representatives, or		
Lag & Hayes PLLC, 421 W. Riverside Avenue, Suite 500, Spokana,		
Washington 99201 who are associated with customer number		
annot to insert here in narenthesis (U.S. Serial No. 11/610,400)		
filed 12/13/2006) this APPLICATION'S U.S. Serial Number and filing		
data when known'		
was filed on 12/13/2006 and was given U.S. Serial No. 11/610,460,		
(is filed concurrently herewith:		
Microsoft Corporation, a Washington Corporation, on behalf of itself and		
its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the		
antico and exclusive rights, title and interest in the invention and the Art alex		
cond all other applications and patents derived therefrom, such as continuing		
applications, in and for the United States, its territories, and all foreign countries		
WARRINGATION DERIVATIVES")):		
for good and valuable consideration, the receipt of which is neverly		
In aviladeed by the ASSIGNOR the ASSIGNOR hereby sells, assigns and transfers to		
the ASSIGNEE, the entire and exclusive rights, title and interest in the invertible and		
About CATION (and APPLICATION DERIVATIVES);		
ASSIGNOR agrees to execute all instruments and documents required to		
also making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for		
litigation regarding letters patent derived therefrom, and for the purpose of protecting		
and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).		
DATE EITION H. Omlya		
01/04/2007		
DATE Daniel J. Sisolak		

MS Docket No. 319140.01 (OC Docket No. MS1-3362US)

PATENT ASSIGNMENT

I/WE. Elliot H. Omiya, Daniel J. Sisc	olak, ("ASSIGNOR"), have invented	
subject matter ("INVENTION") disclosed and/or	claimed in a patent application entitled	
"Lock-Free Shared Audio Buffer" ("APPLICATION"	"), which:	
will be filed without this exec	uted PATENT ASSIGNMENT. ASSIGNOR str., ASSIGNEE'S legal representatives, of	
Lee & Hayes, PLLC, 421 W. Riv	erside Avenue, Suite 500, Spokane,	
Washington 99201, who are a	ssociated with customer number	
22801, to insert here in parer	nthesis (U.S. Serial No. 11/610,460 ,	
filed 12/13/2006) this APPLIC	CATION's U.S. Serial Number and filing	
date, when known;		
	i was given U.S. Serial No. 11/610,460;	
is filed concurrently herewith		
Microsoft Corporation, a Washing	ton Corporation, on behalf of itself and	
its successors and assigns ("ASSIGNEE"), is entit	tled to, and is desirous of acquiring, the	
entire and exclusive rights, title and interest in	the INVENTION and the APPLICATION	
(and all other applications and patents derived	therefrom, such as continuing	
applications, in and for the United States, its te	rritories, and all foreign countries	
("APPLICATION DERIVATIVES"));		
For good and valuable considerati	ion, the receipt of which is hereby	
acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to		
the ASSIGNEE, the entire and exclusive rights, t		
the APPLICATION (and APPLICATION DERIVATIV	(ES);	
ASSIGNOR agrees to execute all instruments and documents required for		
the making and prosecution of the APPLICATIO	N (and APPLICATION DERIVATIVES), for	
litigation regarding letters patent derived there	from, and for the purpose of protecting	
and perfecting title to the APPLICATION (and A	A A A	
1/4/07	glist # O	
DATE	Elliot H. Omiya	
DATE	Daniel J. Sisolak	