PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shane F. Williams	01/10/2005
Steven J. Ball	01/10/2005

RECEIVING PARTY DATA

Name:	Microsoft Corporation	
Street Address:	One Microsoft Way	
City:	Redmond	
State/Country:	WASHINGTON	
Postal Code:	98052	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11033684

CORRESPONDENCE DATA

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Total Attachments: 1

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JP \$40.00 11033

PATENT REEL: 015845 FRAME: 0631

PATENT ASSIGNMENT

subject matter ("INVENTION") disclosed and/o "SYSTEMS AND METHODS FOR MANAGING A L will be filed without this exe hereby authorizes, and requ Amin and Turocy, LLC, 1900 who are associated with cus parenthesis (U.S. Serial No. this APPLICATION's U.S. Seri was filed on	IFE JOURNAL" ("APPLICATION"), which: ecuted PATENT ASSIGNMENT. ASSIGNOR lests, ASSIGNEE'S legal representatives, of D.E. 9th Street, Cleveland, Ohio 44114, tomer number 27195, to insert here in 11/033.684, filed 1/12/05 all Number and filing date, when known; was given U.S. Serial No			
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 territories, and all foreign countries				
("APPLICATION DERIVATIVES"));				
For good and valuable consideration, 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, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);				
ASSIGNOR agrees to execute all instruments and documents required for				
the 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).				
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1/10/2005	Swilliams			
DATE	Shane F. Williams			
1/10/2205	Star B211			
DATE	Steven J. Ball			
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PATENT REEL: 015845 FRAME: 0632

RECORDED: 03/31/2005