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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Esther Wang	10/26/2007
Anthony X. Francisco	10/26/2007
Charles J. Coplen	10/26/2007

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:	11926956

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ATTORNEY DOCKET NUMBER: M1103.70395US00

NAME OF SUBMITTER: Richard F. Giunta

Total Attachments: 1

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PATENT REEL: 020291 FRAME: 0557

PATENT AS	SIGNMENT			
We, Esther Wang, Anthony Fra	ncisco and Charles Coplen ("ASSIGNOR"),			
have invented subject matter ("INVENTION") disclosed and/or claimed in a patent				
application entitled "METHODS AND APPARA				
("APPLICATION"), which:				
🗵 will be filed without this ex	ecuted PATENT ASSIGNMENT. ASSIGNOR			
	quests, ASSIGNEE'S legal representatives, of			
Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA				
02210, who are associated with customer number 45840, to insert				
here in parenthesis (U.S. Serial No. 11/926956 , filed				
(Oct. 29, 2007) this APPLI	CATION's U.S. Serial Number and filing			
date, when known;	J			
was filed on_and was given	n U.S. Serial No. <u>Not Yet Assigned;</u>			
is filed concurrently herewith;				
Microsoft Corporation, a Washi	ngton Corporation, on behalf of itself and			
its successors and assigns ("ASSIGNEE"), is e	ntitled to, and is desirous of acquiring, the			
entire and exclusive rights, title and interest				
(and all other applications and patents derive	ed therefrom, such as continuing			
applications, in and for the United States, its	territories, and all foreign countries			
("APPLICATION DERIVATIVES");				
For good and valuable consider	ation, the receipt of which is hereby			
acknowledged by the ASSIGNOR, the ASSIGN	OR 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).			
Oct 26, 2007				
001 -07 207				
DATE	Esther Wang			
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	11 200			
26 Oct 2007	Marven			
DATE	Anthony X. Francisco			
	(- 7			
10/26/2007	71			

Charles J. Coplen

PATENT REEL: 020291 FRAME: 0558

RECORDED: 12/27/2007

DATE