09-21-2000



U.S. Department of Commerce

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	TO: The Commi	O: The Commissioner of Patents an 101464745				original document(s) or copy(ies).	
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		tional Names of Conve	ving Parties Attache	d			
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	Name Name	Microsoft Corporation	n				
	Address Address	One Microsoft Way					
	Address	Redmond	Washingto	on	98052		
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ŀ		Name and Address					
	Chicago, Illinois	layer, Ltd. Plaza, Suite 4900 60601-6780		Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Attorney Docket No. 204498		616-5700 No. 204498	
	Pages Enter the total number of pages of the attached Application Number(s) or Patent Number(s) Enter either the Patent Application Number or the Patent Number (it Patent Application Numbers			Mark if additional numbers attached			
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		If this document is being filed together with a <i>new</i> Patent Apapplication was signed by the first named executing invento			date the patent	Monta Day Year	
	Patent Cooperation Treaty (PCT)						
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		To the best of my knowledge and belief, the foregoing information is true and correct and any attached true copy of the original document. Charges to deposit account are authorized, as indicated herein.					
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	Y. Kurt Chang, F			$\stackrel{\checkmark}{\sim}$ $\stackrel{\checkmark}{\sim}$ ${\sim}$	September 5, 200		
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PATENT REEL: 011080 FRAME: 0923

Leydig, Voit & Mayer, Ltd. Attorneys at Law Two Prudential Plaza Suite 4900 180 North Stetson Chicago, Illinois 60601-6780

ASSIGNMENT

WHEREAS, we Sarita M. James of 14420 NE 38th Street #2109, Bellevue, Washington 98007 and Shyamalan Pather of 211 18th Avenue E., Seattle, Washington 98112 (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled AN APPLICATION PROGRAMMING INTERFACE TO THE SIMPLE OBJECT ACCESS PROTOCOL as described and claimed in the specification forming part of an application for United States letters patent filed June 29, 2000 as application number 09/606,923.

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, Washington 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, ASSIGNORS hereby sell, assign and transfer 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 ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby

PATENT REEL: 011080 FRAME: 0924 In re Application of James et al. Serial No. 09/606,923 Assignment

RECORDED: 09/08/2000

authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree 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.

Date 7 21 C	Aarsta M. James Sarita M. James
STATE OF 3/WHUNGTON) SS:	
COUNTY OF TIME	
On this 2 day of 3	before me, a Notary
Public in and for said county, appeared Sarit	a M. James, who is personally known to me to be the
same person whose name is subscribed to in that he/she signed and delivered the domain	e foregoing assignment document, and acknowledged ent as his/her free and voluntary act for the uses and
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Date	Shyamalan Pather
STATE OF AND IN TOTAL) SS COUNTY OF AND STATE OF AND STA	-
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On this 18 day of Act ()	, 2000, before me, a Notary
Public in and for said county, appeared Shyai same person whose name is subsectived to the	malan Pather, who is personally known to me to be the foregoing assignment document, and acknowledged
purposes therein set forth.	Notary Public
	Notary Public
	My Commission Expires: 11/2002

PATENT REEL: 011080 FRAME: 0925