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FORM PTO-1595 (REV 6-93)				ER SHEE	= { U.S. DE	PARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-011 (exp.4/94) To the Honorable Commissioner or Farence 1021499		AO				
To the Hono	rable Commissioner	UI FALEI LYAFLI . T. S.S.	OU	and the attached	d original docum	ents or copy thereof.
1. Name of conv	eying party(ies):		2. Name		of receiving par	
Nuria M. Oliver Eric J. Horvitz 6-27-02		Name	::M	Aicrosoft Corpora	ntion	
Ashutosh Garg			Intorn	al Addross:		
			intern	ai Audiess		i S
Additional name/	of convoving					→ ***
Additional name(s) of conveying party(ies) attached? [] Yes [X] No						986/
3. Nature of conveyance:			Street	Address: One	e Microsoft Way	Ď.
[X] Assignment [] Merger						
[] Security Agreement [] Change of Name			City:	Rec	dmond	
1			State	/Country:	ashington	ZIP: 98052
	6/25/02, 6/27/0		Additional nar	ne(s) & addres	ss(es) attached	?[] Yes [X] No
If this docume		atent number(s): gether with a new app		ecution date of tent No.(s)	the application	is: 6/25/02, 6/27/02
03/2002 HMARZI1 FC:581	00000106 <u>10183774</u> 40.0	0 0P Additional Numbers	attached? []Yes [X]	No	
5 Name and a	address of party t	o whom	6. Total nur	mber of applic	cations and pa	atents involved: [1]
correspondenc	e concerning doc	cument				
should be mailed:		7. Total fee (37 CFR 3.41)\$\$				
Name:	Himanshu S. Ar	nin		•		
	:		[X] E	nclosed		
			[] Authorized to be charged to deposit account			
	Amin & Turocy, LL 24th Floor, Nation		, ,			
Street Address:	1900 E. 9th Street		8. Deposit	account num	ber:	
	Cleveland		50-1	063		
City:		ZIP: 44114	(Attach dupl	icate copy of th	nis page if payir	ng by deposit account)
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9. Statement	and signature.	and belief, the foregoin	ng information is	s true and corre	ect and any atta	tune 27, 2002
of the original document.			11	//		Julie 21,
Himanshu S. Amin			Signat	ure		Date
Name	of Person Signing	ber of pages including	a cover sheet a	ttachments, an	nd document: [5]
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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:

Filing Date:

Inventorship: Nuria M. Oliver, et al.
Applicant: Microsoft Corporation

Attorney's Docket No.: MSFTP340US MS Docket No.: MS193550.1

Title: LAYERED MODELS FOR CONTEXT AWARENESS

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Nuria M. Oliver 615 6th Street, #204 Kirkland, Washington 98033

Eric J. Horvitz 330 Waverly Way Kirkland, Washington 98033

Ashutosh Garg 1004 East Kerr Street, Apt. 108 Urbana, Illinois 61802

Assignee:

Microsoft Corporation Corporation in the State of Washington One Microsoft Way Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR (listed above) is an inventor of an invention entitled "LAYERED MODELS FOR CONTEXT AWARENESS" as described and claimed in the specification forming part of an application for United States letters patent referenced above;

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, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in

Page 1 of 3

PATENT REEL: 013057 FRAME: 0627

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number:

Filing Date: Inventorship:

Applicant:

Nuria M. Oliver, et al. Microsoft Corporation

Attorney's Docket No.: MSFTP340US MS Docket No.:

MS193550.1

Title:

LAYERED MODELS FOR CONTEXT AWARENESS

and to any letters patent that may be granted therefore 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, ASSIGNOR(S) hereby sell, assign and transfer unto 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(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said ASSIGNOR(S) agree to execute all instruments and documents invention to ASSIGNEE. 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 therefore.

Page 2 of 3

PATENT REEL: 013057 FRAME: 0628

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number: Filing Date: Inventorship: Nuria M. Oliver, et al. Applicant: Microsoft Corporation Attorney's Docket No.: MSFTP340US MS Docket No.: MS193550.1 LAYERED MODELS FOR CONTEXT AWARENESS Title: 6/27/02 Date 6/27/02 Nuria M. Oliver Eric J. Horvitz Ashutosh Garg Date

IN THE UNITED STATES PATENTAND TRADEMARK OFFICE

Filing Date:					
Inventorship	Nuria M. Cliver, et al.				
Applicant:	Microsoft Corporation				
Attorney's Docket No.:	MSFTP340US				
MS Docket No.:	MS193550.1				
Title:	LAYERED MODELS FOR CONTEXT AWARENESS				
Date	Nuria M. Oliver				
Date	Eric J. Horvitz				
25 June : 02	Adulah				
Date	Ashutosh Garg				

Serial Number:

RECORDED: 06/27/2002