Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	United States Patent and Trademark Office	
RECORDATION FORM COVER SHEET MS1 - 3640US PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
Name of conveying party(ies) Benjamin Livshits 12/9/07	2. Name and address of receiving party(les) Name: Microsoft Corporation	
William GJ Halfond 1/21/08	Internal Address:	
Jeffrey Van Gogh 12/28/07 Additional name(s) of conveying party(ies) attached? ✓ Yes No 3. Nature of conveyance/Execution Date(s):	Street Address: One Microsoft Way	
Execution Date(s) Listed in Box 1 above.		
Assignment Merger Security Agreement Change of Name	City: Redmond	
Joint Research Agreement	State: WA	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country:Zip: <u>98052</u>	
Other	Additional name(s) & address(es) attached? Yes Vo	
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)	
11/945,685 filed 11/27/2007		
Additional numbers attached?		
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name:Lee & Haves, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address:	Authorized to be charged by credit card	
	Authorized to be charged to deposit account	
Street Address: 421 W Riverside Ave Ste 500	Enclosed None required (government interest not affecting title)	
City: Spokane	8. Payment Information	
State: WA Zip: 99201	a. Credit Card Last 4 Numbers Expiration Date	
Phone Number:509-324-9256		
Fax Number: <u>509-323-8979</u>	b. Deposit Account Number	
Email Address:	Authorized User Name	
9. Signature:		
Signature	Date	
Brian J. Pangrie Reg # Name of Person Signing	42973 Total number of pages including cover sheet, attachments, and documents:	

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

PATENT REEL: 020538 FRAME: 0895

MS Docket No 321681.01 (OC Docket No. MS1-3640US

PATENT ASSIGNMENT

WE, Benjamin Livshits, William GJ	Halfond, and Jeffrey Van Gogh,	
("ASSIGNOR"), have invented subject matter ("II		
a patent application entitled "Data Driven Profil		
("APPLICATION"), which:		
will be filed without this exe	cuted PATENT ASSIGNMENT. ASSIGNOR	
hereby authorizes, and reque	ests, ASSIGNEE'S legal representatives, of	
Lee & Hayes, PLLC, 421 W. Ri	verside Avenue, Suite 500, Spokane,	
Washington 99201, who are	associated with customer number	
22801, to insert here in pare	nthesis (U.S. Serial No. 11/945,685 ,	
filed 11/27/2007) this APPLI	CATION's U.S. Serial Number and filing	
date, when known;		
🔀 was filed on 11/27/2007 an	d was given U.S. Serial No. 11/945,685;	
is filed concurrently herewith	1;	
Microsoft Corporation, a Washing	ton Corporation, on behalf of itself and	
its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the		
entire and exclusive rights, title and interest in		
(and all other applications and patents derived	therefrom, such as continuing	
applications, in and for the United States, its te	erritories, and all foreign countries	
("APPLICATION DERIVATIVES"));		
For good and valuable considerat	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, title and interest in the INVENTION and		
the APPLICATION (and APPLICATION DERIVATI)	/ES);	
	nstruments 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 A	PPLICATION DERIVATIVES).	
12/9/2007	1	
DATE	Benjamin Livshits	
D. I.T.		
DATE	William GJ Halfond	
DATE		
	•	

PATENT REEL: 020538 FRAME: 0896

MS Docket No 321681.01 (OC Docket No. MS1-3640US

which:		
will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Lee & Hayes, PLLC. 421 W. Riverside Avenue, Suite 500, Spokane, Washington 99201, who are associated with customer number 22801, to insert here in parenthesis (U.S. Serial No. 11/945,685, filed 11/27/2007) this APPLICATION's U.S. Serial Number and filing date, when known: was filed on 11/27/2007 and was given U.S. Serial No. 11/945,685; 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 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).		
DATE 1/21/2008 Benjamin Livshits William III Affine		
DATE William GJ Halfond		
DATE Jeffrey Van Gogh		

RECORDED: 02/20/2008

MS Docket No 321681.01 (OC Docket No. MS1-3640US

PATENT ASSIGNMENT

WE, Benjamin Livshits, William GJ I	Halfond, and Jeffrey Van Gogn,	
("ASSIGNOR"), have invented subject matter ("IN	VENTION") disclosed and/or claimed in	
a patent application entitled "Data Driven Profili	ng for Distributed Applications "	
("APPLICATION"), which:		
	uted PATENT ASSIGNMENT. ASSIGNOR	
hereby authorizes, and reque	sts, ASSIGNEE'S legal representatives, of	
Lee & Hayes, PLLC, 421 W. Riv	verside Avenue, Suite 500, Spokane,	
Washington 99201, who are a	associated with customer number	
22801, to insert here in parer	nthesis (U.S. Serial No. 11/945,685 ,	
filed 11/27/2007) this APPLK	CATION's U.S. Serial Number and filing	
date, when known;		
was filed on 11/27/2007 and was given U.S. Serial No. 11/945,685;		
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 considerat	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	itle and interest in the INVENTION and	
the APPLICATION (and APPLICATION DERIVATIVE	/ES);	
ASSIGNOR agrees to execute all ir	nstruments and documents required for	
the making and prosecution of the APPLICATIO		
litigation regarding letters patent derived there	from, and for the purpose of protecting	
and perfecting title to the APPLICATION (and A		
DATE	Benjamin Livshits	
DATE	William GJ Halfond	
DATE	William Q Hanone	
	Joyn	
12/28/2007	y v	
12/28/2007		
DATE	Jeffrey Van Gogh	
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PATENT REEL: 020538 FRAME: 0898