Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	United States Patent and Trademark Offic
RECORDATION FO	ORMICOVER SHEET MS1 - 3640US
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies) Benjamin Livshits 12/9/07	2. Name and address of receiving party(ies) Name: Microsoft Corporation
William GJ Halfond 1/21/08	Internal Address:
Jeffrey Van Gogh 12/28/07 Additional name(s) of conveying party(les) attached? ✓ Yes No. 3. Nature of conveyance/Execution Date(s):	Street Address: One Microsoft Way
Execution Date(s) Listed in Box 1 above.	One wild osoit way
✓ 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
11/945,685 filed 11/27/2007 Additional numbers at	tached?
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: <u>509-324-9256</u>	b. Deposit Account Number
Fax Number: <u>509-323-8979</u>	
Email Address:	Authorized User Name
9. Signature:	2-27-08
Signature	Date
Brian J. Pangrie Reg # 4 Narne 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 mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 020594 FRAME: 0430

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

PATENT ASSIGNMENT

WE, Benjamin Livshits, William O	ij Halfond, and Jeffrey Van Gogh,			
("ASSIGNOR"), have invented subject matter ("	INVENTION") disclosed and/or claimed in			
a patent application entitled "Data Driven Prof	iling for Distributed Applications "			
("APPLICATION"), which:	-			
will be filed without this exe	ecuted PATENT ASSIGNMENT. ASSIGNOR			
hereby authorizes, and requ	uests, ASSIGNEE'S legal representatives, of			
Lee & Hayes, PLLC, 421 W. F	Riverside Avenue, Suite 500, Spokane,			
Washington 99201, who are	associated with customer number			
22801, to insert here in par	enthesis (U.S. Serial No. 11/945,685 ,			
filed 11/27/2007) this APPI	LICATION's U.S. Serial Number and filing			
date, when known;	·			
🔀 was filed on 11/27/2007 ar	nd was given U.S. Serial No. 11/945,685;			
is filed concurrently herewit				
Microsoft Corporation, a Washin	gton 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 considera	tion, 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				
ASSIGNOR agrees to execute all i	nstruments and documents required for			
the making and prosecution of the APPLICATIO	ON (and APPLICATION DERIVATIVES), for			
litigation regarding letters patent derived ther	efrom, and for the purpose of patecting			
and perfecting title to the APPLICATION (and A	APPLICATION DERIVATIVES).			
12/9/2007	() /			
DATE	Benjamin Livshits			
***************************************	17.00			
DATE	William GJ Halfond			
DATE	Jeffrey Van Gogh			

PATENT REEL: 020594 FRAME: 0431

P.03/05

MS Docket No 321681,01 (OC Docket No. MS1-3640US

WE, Benjamin Livshits, Wil ("ASSIGNOR"), have invented subject ma	liam GJ Halfond, and Jeffrey Van Gogh, tter ("INVENTION") disclosed and/or claimed in a ofiling for Distributed Applications " ("APPLICATION"),	
□ 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 dand 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	
1/21/200 0	William GJ Halfond	
DATE	Jeffrey Van Gogh	

RECORDED: 03/03/2008

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

PATENT ASSIGNMENT

WE, Benjamin Livshits, Williar	n GJ Halfond, and Jeffrey Van Gogh,
("ASSIGNOR"), have invented subject matte	r ("INVENTION") disclosed and/or claimed in
a patent application entitled "Data Driven P	rofiling for Distributed Applications "
("APPLICATION"), which:	
will be filed without this	executed PATENT ASSIGNMENT. ASSIGNOR
hereby authorizes, and re	equests, ASSIGNEE'S legal representatives, of
-	V. Riverside Avenue, Suite 500, Spokane,
• •	are associated with customer number
-	parenthesis (U.S. Serial No. 11/945,685 ,
•	APPLICATION's U.S. Serial Number and filing
date, when known;	
	7 and was given U.S. Serial No. 11/945,685;
is filed concurrently here	T
-	hington Corporation, on behalf of itself and
	entitled to, and is desirous of acquiring, the
entire and exclusive rights, title and interes	st in the INVENTION and the APPLICATION
(and all other applications and patents deri	
applications, in and for the United States, i	ts territories, and all foreign countries
("APPLICATION DERIVATIVES"));	•
For good and valuable consid	eration, the receipt of which is hereby
acknowledged by the ASSIGNOR, the ASSIG	NOR hereby sells, assigns and transfers to
the ASSIGNEE, the entire and exclusive righ	its, title and interest in the INVENTION and
the APPLICATION (and APPLICATION DERIV	ATIVES);
ASSIGNOR agrees to execute	all instruments and documents required for
——————————————————————————————————————	ATION (and APPLICATION DERIVATIVES), for
litigation regarding letters patent derived t	herefrom, and for the purpose of protecting
and perfecting title to the APPLICATION (an	
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DATE	Benjamin Livshits
DATE	William GJ Halfond
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12/28/2007	· · · · · · · · · · · · · · · · · · ·
DATE	
DATE	Jeffrey Van Gogh

PATENT REEL: 020594 FRAME: 0433