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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James R. Larus	08/08/2007
Timothy Lawrence Harris	08/08/2007
Virendra Jayant Marathe	08/12/2007

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:	11824311

CORRESPONDENCE DATA

Fax Number: (425)936-7329

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 425-707-2290

Email: dbouton@microsoft.com

Correspondent Name: Dianne Bouton
Address Line 1: One Microsoft Way

Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	MS 318918.02
NAME OF SUBMITTER:	Steven Spellman

Total Attachments: 3

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PATENT REEL: 020274 FRAME: 0461

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PATENT REEL: 020274 FRAME: 0462

I/WE, James R. Larus, 7	Fimothy Lawrence Harris and Virendra Jayant Marathe
("ASSIGNOR"), have invented	subject matter ("INVENTION") disclosed and/or claimed in a
patent application entitled "L	IGHTWEIGHT TRANSACTIONAL MEMORY FOR DATA PARALLEL
PROGRAMMING" ("APPLICATION	
	vithout this executed PATENT ASSIGNMENT. ASSIGNOR hereby
	nd requests, ASSIGNEE'S legal representatives, of the Law and
·	fairs Department, Microsoft Corporation, One Microsoft Way,
	ashington 98052, who are associated with customer number
•	sert here in parenthesis (Application No, filed
) tł	nis APPLICATION's Application No. and filing date, when
known;	
$oxtimes$ was filed on $_{ extstyle }$	<u>June 29, 2007</u> and was given Application No. <u>11/824,311</u> ;
□ is filed concu	rrently herewith;
Microsoft Corpo	oration, a Washington Corporation, on behalf of itself and its
successors and assigns ("ASS	IGNEE"), 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 deri	ved therefrom, such as continuing applications, in and for the
• •	and all foreign countries ("APPLICATION DERIVATIVES"));
	aluable consideration, the receipt of which is hereby
_	OR, the ASSIGNOR hereby sells, assigns and transfers to the
- ·	lusive rights, title and interest in the INVENTION and the
APPLICATION (and APPLICATI	
-	es to execute all instruments and documents required for the
•	ne APPLICATION (and APPLICATION DERIVATIVES), for litigation
• •	red therefrom, and for the purpose of protecting and perfecting
title to the APPLICATION (and	APPLICATION DERIVATIVES).
/ /	
(1/(1/2)	// \ 1) /
418161	
Date	//James R. Larus /
	V
Date	Timothy Lawrence Harris
Date	Virendra Jayant Marathe

Page 1 of 1

PATENT REEL: 020274 FRAME: 0463

("ASSIGNOR"), patent applicat	have invented subject matter ("IN" tion entitled "LIGHTWEIGHT TRANG"), which: will be filed without this execute authorizes, and requests, ASSIG Corporate Affairs Department, Nedmond, Washington 98052, version of the parenth of the	Harris and Virendra Jayant Marathe (VENTION") disclosed and/or claimed in a ISACTIONAL MEMORY FOR DATA PARALLEL ed PATENT ASSIGNMENT. ASSIGNOR hereby (INEE'S legal representatives, of the Law and Microsoft Corporation, One Microsoft Way, who are associated with customer number hesis (Application No, filed	
		Application No. and filing date, when	
' پېښم	known;	Europe and Amelianting the 181 (00 4 00 25	
2	is filed concurrently herewith;	I was given Application No. 11/824,311;	
		ton Corporation, on behalf of itself and its	
successors and and exclusive applications ar United States, Facknowledged ASSIGNEE, the APPLICATION (APPLICATION (APPLICAT	d assigns ("ASSIGNEE"), is entitled rights, title and interest in the INVent patents derived therefrom, such that the the invent patents derived therefrom, such that the invente and valuable consideration by the ASSIGNOR, the ASSIGNOR entire and exclusive rights, title a (and APPLICATION DERIVATIVES); ASSIGNOR agrees to execute all introsecution of the APPLICATION (and appears).	to, and is desirous of acquiring, the entire VENTION and the APPLICATION (and all other ch as continuing applications, in and for the ntries ("APPLICATION DERIVATIVES")); on, the receipt of which is hereby hereby sells, assigns and transfers to the and interest in the INVENTION and the estruments and documents required for the nd APPLICATION DERIVATIVES), for litigation for the purpose of protecting and perfecting	
	·	James R. Larus	
Date	ا.	janies R. Laius	
4 Annual			
Date	•	Timothy Lawrence Harris	

Page 1 of 1

Date

Virendra Jayant Marathe

("ASSIGNOR"), I patent applicat	mes R. Larus, Timothy Lawrence Harris and Virendra Jayant Marathe have invented subject matter ("INVENTION") disclosed and/or claimed in a tion entitled "LIGHTWEIGHT TRANSACTIONAL MEMORY FOR DATA PARALLEL G" ("APPLICATION"), which: will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. and filing date, when	
₩	known;	
	was filed on <u>June 29, 2007</u> and was given Application No. <u>11/824,311;</u> is filed concurrently herewith;	
M	dicrosoft Corporation, a Washington Corporation, on behalf of Itself and its	
successors and	dassigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire	
	rights, title and interest in the INVENTION and the APPLICATION (and all othe	٤
	nd patents derived therefrom, such as continuing applications, in and for the	
	its territories, and all foreign countries ("APPLICATION DERIVATIVES"));	
	or good and valuable consideration, the receipt of which is hereby	
	by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the	
	entire and exclusive rights, title and interest in the INVENTION and the	
	and APPLICATION DERIVATIVES);	
	SSIGNOR agrees to execute all instruments and documents required for the osecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation	
	rs patent derived therefrom, and for the purpose of protecting and perfecting	
	LICATION (and APPLICATION DERIVATIVES).	3
	,	
Date	James S. James	
Date	James R. Larus	
Date	Timothy Lawrence Harris	
08/12/20	07 Osegnarali	

Date

RECORDED: 12/20/2007

PATENT REEL: 020274 FRAME: 0465

Virendra Jayant Marathe