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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael M. Magruder	08/08/2007
David Detlefs	08/08/2007
John Joseph Duffy	08/08/2007
Goetz Graefe	08/10/2007
Vinod K. Grover	08/08/2007

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:	11823211

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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

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Email: dbouton@microsoft.com

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

Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	MS 320061.01
NAME OF SUBMITTER:	Steven Spellman

PATENT REEL: 020274 FRAME: 0585

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Total Attachments: 6

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PATENT REEL: 020274 FRAME: 0586

PATENT ASSIGNMENT

I/WE, Michael M. Magruder, David	Detlefs, John Joseph Duffy, Goetz Graefe, and Vinod K. Grover
("ASSIGNOR"), have invented subject	ct matter ("INVENTION") disclosed and/or claimed in a nt Retry for Transactional Memory" ("APPLICATION"),
will be filed withou authorizes, and red Corporate Affairs E Redmond, Washing 69316, to insert he how this AP known; was filed on June 2 is filed concurrently Microsoft Corporation successors and assigns ("ASSIGNEE and exclusive rights, title and intereapplications and patents derived the United States, its territories, and all For good and valuable acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive APPLICATION (and APPLICATION DE ASSIGNOR agrees to emaking and prosecution of the APPLICATION of the APPL	in, a Washington Corporation, on behalf of itself and its "), is entitled to, and is desirous of acquiring, the entire est in the INVENTION and the APPLICATION (and all other erefrom, such as continuing applications, in and for the foreign countries ("APPLICATION DERIVATIVES")); a consideration, the receipt of which is hereby a ASSIGNOR hereby sells, assigns and transfers to the rights, title and interest in the INVENTION and the RIVATIVES); accute all instruments and documents required for the LICATION (and APPLICATION DERIVATIVES), for litigation refrom, and for the purpose of protecting and perfecting
8-8-2007	
Date	Michael M. Magruder
8/8/2007	Davillet
Date	David Detlefs
Date	John Joseph Duffy
Date	Goetz Graefe

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PATENT REEL: 020274 FRAME: 0587

PATENT ASSIGNMENT

(Continued from page 1 to list additional inventors)

Date	Vinod K. Grover

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PATENT

REEL: 020274 FRAME: 0588

MS Docket No. 320061.01

PATENT ASSIGNMENT

I/WE, Mic	chael M. Magruder, David Detlefs, John Joseph Duffy	, Goetz Graefe, and Vinod K. Grover
	have invented subject matter ("INVENTION	
	ation entitled "Efficient Retry for Transaction	nal Memory" ("APPLICATION"),
which:		
	authorizes, and requests, ASSIGNEE'S leg	
	Corporate Affairs Department, Microsoft	
	Redmond, Washington 98052, who are a	
	69316, to insert here in parenthesis (Ap) this APPLICATION's Applicati	
	known;	on No. and ming date, when
\square	was filed on <u>June 27, 2007</u> and was give	en Application No. <u>11/823,211;</u>
	is filed concurrently herewith;	
	Microsoft Corporation, a Washington Corpo	
successors and	nd assigns ("ASSIGNEE"), is entitled to, and i	is desirous of acquiring, the entire
	rights, title and interest in the INVENTION	
applications a	and patents derived therefrom, such as con	tinuing applications, in and for the
United States,	, its territories, and all foreign countries ("A	APPLICATION DERIVATIVES"));
	For good and valuable consideration, the r	
	d by the ASSIGNOR, the ASSIGNOR hereby s	
	e entire and exclusive rights, title and inter	est in the INVENTION and the
	(and APPLICATION DERIVATIVES);	
	ASSIGNOR agrees to execute all Instrumen	
making and p	prosecution of the APPLICATION (and APPLI	CATION DERIVATIVES), for intigation
	ters patent derived therefrom, and for the	
title to the API	PPLICATION (and APPLICATION DERIVATIVES	5).
 Date	 Michael I	M. Magruder
		-
Date	David De	rilefs
818/27	7	
Date	John Jose	eph Duffy
	Goetz Gr	
Data	GOETZ GI	acie

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PATENT REEL: 020274 FRAME: 0589

MS Docket No. 320061.01

PATENT ASSIGNMENT

(Continued from page 1 to list additional inventors)

Date

Vinod K. Grover

Page 2 of 2 PATENT

REEL: 020274 FRAME: 0590

MS Docket No. 320061.01

PATENT ASSIGNMENT

!/ WE,	IVIICE	iaei M. Magruder, David Detiels, John Joseph Duny, Coetz Graeie, and Vinou K. Grovei
		nave invented subject matter ("INVENTION") disclosed and/or claimed in a lion entitled "Efficient Retry for Transactional Memory" ("APPLICATION"),
		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;
	$ \sqrt{} $	was filed on June 27, 2007 and was given Application No. 11/823,211;
		is filed concurrently herewith;
and exclusi application United Stat acknowledg ASSIGNEE, 1 APPLICATIO making and regarding I	ive r s an es, i ged the c DN (a A d pro ette	assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire ights, title and interest in the INVENTION and the APPLICATION (and all other d patents derived therefrom, such as continuing applications, in and for the ts 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 essecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation is patent derived therefrom, and for the purpose of protecting and perfecting LICATION (and APPLICATION DERIVATIVES).
Date	•	Michael M. Magruder
Date		David Detlefs
Date		John Joseph Duffy
Any	10	2007 L. Graefe
Date		Goetz Gréefe

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PATENT

REEL: 020274 FRAME: 0591

PATENT ASSIGNMENT

(Continued from page 1 to list additional inventors)

Date	Vinod K. Grover

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PATENT REEL: 020274 FRAME: 0592

RECORDED: 12/20/2007