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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jeffrey Anderson	11/04/2010
David Lannoye	11/01/2010

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:	12942249

CORRESPONDENCE DATA

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Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 330528.01

NAME OF SUBMITTER: Garyma Saksena

Total Attachments: 4

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PATENT REEL: 025340 FRAME: 0462 \$40.00 12

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PATENT REEL: 025340 FRAME: 0463

I/WE, Je	ffrey An	derson an	d David	Lannoye	("ASSI	GNOR"),	have in	/ented	subject
matter ("INVEN	NTION")	disclosed	and/or	claimed	in a	patent	applicat	ion en	ititled,
COMBINATION	ВА	SED	LRU	CACHIN	G	("APPL	ICATION'	"),	which:
•									
	hereby the Lav Microso custom	filed with authorize and Corp oft Way, R er numbe	es, and roorate Afedmond, r 69316,	equests, fairs Dep Washing to insert	ASSIGI artme Iton 98 here i	NEE'S le nt, Micro 3052, w in paren	gal repre osoft Co ho are a thesis (A	esentat rporation ssociat applicat	ives, of on, One ed with tion No.
	filing d	ate, when	known;						
	was file	ed on		and was g	given A	pplicati	on No		
	is filed	concurrer	itly herev	vith;					

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).

MS Docket No.: 330528.01

Il /4/2018

Inventor's Signature

Date

Jeffrey Anderson

Printed Name in English

Printed Name in Native Language (if other than English)

Inventor's Signature

David Lannoye

Printed Name in English

Printed Name in Native Language (if

other than English)

MS Docket No.: 330528.01

I/WE, Jet	ffrey Anderson ai	nd David	Lannoye ("AS	SSIGNOR"), have inv	ented subject
matter ("INVEN	ITION") disclosed	d and/or	claimed in	a patent applicati	on entitled,
COMBINATION	BASED	LRU	CACHING	("APPLICATION")), which:
✓	hereby authorize the Law and Cor Microsoft Way, F customer number	es, and reporate Af Redmond, er 69316,	equests, ASS fairs Departn Washington to insert her	ATENT ASSIGNMENT IGNEE'S legal repre- nent, Microsoft Corp 98052, who are as te in parenthesis (Ap LICATION's Applica	sentatives, of coration, One sociated with oplication No.
	filing date, when			• •	
	was filed on		and was giver	Application No	·
	is filed concurred	ntly herev	vith;		

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"));

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MS Docket No.: 330528.01

PATENT ASSIGNMENT MS Docket No.: 330528.01

nventor's Signature	Date
effrey Anderson	
Printed Name in English	Printed Name in Native Language (if other than English)

Deil Jane Inventor's Signature	
David Lannoye	
Printed Name in English	Printed Name in Native Language (if other than English)