504194069 01/24/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SUNIL KHANDELWAL	01/24/2017	

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address: ONE MICROSOFT WAY	
City: REDMOND	
State/Country: WASHINGTON Postal Code: 98052	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15414325	

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Correspondent Name: MICROSOFT CORPORATION

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ATTORNEY DOCKET NUMBER:	401245-US-NP
NAME OF SUBMITTER:	DAVID J. BOVITZ
SIGNATURE:	/David J. Bovitz/
DATE SIGNED:	01/24/2017

Total Attachments: 2

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PATENT 504194069 REEL: 041067 FRAME: 0718

MS Docket No.:401245-US-NP

I <u>Sunil Khandelwal</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>FRONT END BLOOM FILTERS IN DISTRIBUTED DATABASES</u>" ("APPLICATION"), which:

\times	will	be	filed.	ASSIGNOR	hereby	authoriz	zes,	and	requ	uests,
	ASSI	GNE	E'S legal	representat	ive, Micr	osoft Te	chno	logy	Licer	nsing,
	LLC.	, One	e Microso	oft Way, Redi	nond, Wa	ashingtor	n 980)52 (A	SSIG	NEE'S
	LEGA	AL R	EPRESEN	TATIVES), t	o insert	here in	par	enthe	ses	(filed
	on _			and giv	/en Appli	cation No	o			by
	the f	ollov	ving Offi	ce <u>US – Unite</u>	ed States	<u>Patent ar</u>	nd Tr	<u>adem</u>	ark C)ffice)
	this	APPL	LICATION	l's Applicati	on No., f	filing dat	te, ar	nd Off	fice,	when
	knov	vn;								
	was	filed	on		and was g	given App	plicat	ion		
	No_			by the f	ollowing	Office				
	"				". ,					

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office	

Annual Commission of the Commi	Minimum	
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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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

Qurist/	24-Jan-2017		
Inventor's Signature	Date		
Sunil Khandelwal			
Printed Name in English	Printed Name in Native Language		
~~~~	(if other than English)		

RECORDED: 01/24/2017