504349571 05/03/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRADLEY GENE CALDER	05/02/2011
NIRANJAN NILAKANTAN	05/01/2011
SHASHWAT SRIVASTAV	05/02/2011
JIESHENG WU	05/02/2011
ABDUL RAFAY ABBASI	05/02/2011
SHANE MAINALI	05/02/2011
PADMANABHA CHAKRAVARTHY UDDARAJU	05/02/2011

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:	15377742

CORRESPONDENCE DATA

504349571

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SHOOK, HARDY & BACON L.L.P. Correspondent Name: Address Line 1: 2555 GRAND BOULEVARD

Address Line 2: INTELLECTUAL PROPERTY DEPARTMENT

KANSAS CITY, MISSOURI 64108 Address Line 4:

331868-US-CNT/MFCP.268108 ATTORNEY DOCKET NUMBER: NAME OF SUBMITTER: DOUGLAS J. KIM /DOUGLAS J. KIM/ SIGNATURE: 05/03/2017 DATE SIGNED:

PAIENI REEL: 042225 FRAME: 0492 **Total Attachments: 1**

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PATENT REEL: 042225 FRAME: 0493

PATENT ASSIGNMENT

Abbasi, Shane Mainali, and Padmanabha matter ("INVENTION") disclosed and/or REPLICATION IN A DISTRIBUTED will be filed without authorizes, and request Bacon L.L.P. 2555 G with customer number	Chakravarthy Uddaraju or claimed in a patent a STORAGE ENVIRON this executed PATENT ests, ASSIGNEE'S legal trand Blvd., Kansas Cit 45809, to insert here in	pplication entitled "SYNCHRONOUS" ("APPLICATION"), which: ASSIGNMENT. ASSIGNOR hereby all representatives, of Shook, Hardy & y, Missouri 64108, who are associated parenthesis (Application No				
known;) this APPLICATION's	Application No. and filing date, when				
	and was given Application	on No.				
is filed concurrently he		,				
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and						
assigns ("ASSIGNEE"), is entitled to, ar						
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");						
		which is hereby acknowledged by the				
ASSIGNOR, the ASSIGNOR hereby se						
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 A						
patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).						
	5/2/2	D 11 /11				
62 mily Cally	5/2/2011	Printed Name in Native Language				
Bradley Gene Calder	Date	Printed Name in Native Language				
Minima	5/1/2011	NIBANTAN WILAKANTAN				
Niranjan Nilakaptan	Date	Printed Name in Native Language				
At +	-11.	·				
Luvan For	5/2/2011	SHASHWAT SKIVASTAV				
Shashwat Srivastav	Date '	Printed Name in Native Language				
	05/02/2011	圣结比				
Jiesheng Wu	Date	Printed Name in Native Language				
Jiesneng wu	Date	Printed Name in Native Language				
(Vertail)	ox/02/2011	عدالهاؤه عدالت				
Abdul Rafay Abbasi	Date	Printed Name in Native Language				
D. Mil-						
pun -	05/02/2011	SHANE MAINTH				
Shane Mainali	Date	Printed Name in Native Language				
Shane Mainali harawaltur	05/02/2011	పర్మనాధ చక్కవర్తి ఉద్దారా				
Padmanabha Chakravarthy Uddaraju	Date	_ పద్మనాభ చక్రవర్తి డిడ్డరాదో Printed Name in Native Language				

Page 1 of 1