

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WON SUK YOO	06/11/2009
ANIL K RUIA	06/11/2009
HIMANSHU PATEL	06/11/2009
NING LIN	06/11/2009
CHITTARANJAN PATTEKAR	06/11/2009
<b>RECEIVING PARTY DATA</b>	
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<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15730301
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<b>ATTORNEY DOCKET NUMBER:</b>	327420-US-CNT
<b>NAME OF SUBMITTER:</b>	THOMAS C. FIALA
<b>SIGNATURE:</b>	/Thomas C. Fiala, #43,610/
<b>DATE SIGNED:</b>	03/06/2018
<b>Total Attachments: 3</b>	
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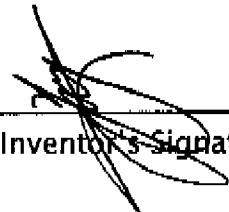
I/WE, Won Suk Yoo, Anil K. Ruia, Himanshu Patel, Ning Lin, and Chittaranjan Pattekar ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BYTE RANGE CACHING" ("APPLICATION"), which:


- ☒ 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 \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- ☐ is filed concurrently herewith;

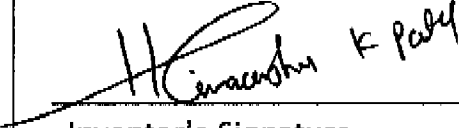
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, 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).

	6/11/2009
Inventor's Signature	Date
Won Suk Yoo	유원석
Printed Name in English	Printed Name in Native Language (if other than English)

	6-11-2009
Inventor's Signature	Date
Anil K. Ruia	अनिल रुइया
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Himanshu Patel	हिमंशु पटेल
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Ning Lin	林宁
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<u>Ranjan</u>	<u>June 11, 2009</u>
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<u>Chittaranjan Pattekar</u>	<u>चित्तरंजन पट्टेकर</u>
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