

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHAOXIANG SU	02/22/2018
DHRUV MANCHANDA	02/21/2018
GERALD A. POGUE JR.	02/21/2018
SHIQI WANG	02/21/2018
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City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15902803
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Address Line 4:	REDMOND, WASHINGTON 98052
ATTORNEY DOCKET NUMBER:	403662-US-NP
NAME OF SUBMITTER:	MELANIE R. BAUM
SIGNATURE:	/Melanie R. Baum/
DATE SIGNED:	02/22/2018
Total Attachments: 8	
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source=403662-US-NP_Assignment_WANG#page1.tif
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PATENT ASSIGNMENT

MS Docket No.: 403662-US-NP

I Shaoxiang SU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LOW LATENCY BROADCASTING OF GAME ENGINE FRAMES" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on February 22, 2018 and given Application No. 15/902,803 by the following Office US - United States Patent and Trademark Office this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on _____ and was given Application No. _____ by the following Office "US - United States Patent and Trademark 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"));

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Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 403662-US-NP

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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).

<u>Shaoxiang Su</u>	<u>02/22/2008</u>
Inventor's Signature	Date
<u>Shaoxiang SU</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 403662-US-NP

I Dhruv MANCHANDA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LOW LATENCY BROADCASTING OF GAME ENGINE FRAMES" ("APPLICATION"), which:

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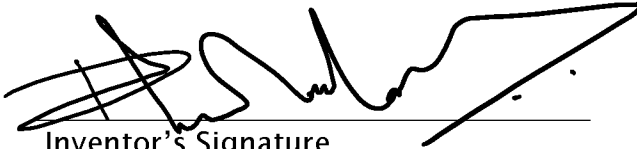
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 Inventor's Signature	<u>02/21/2018</u> Date
<u>Dhruv MANCHANDA</u> Printed Name in English	 Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 403662-US-NP

I Gerald A. POGUE, Jr. ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LOW LATENCY BROADCASTING OF GAME ENGINE FRAMES" ("APPLICATION"), which:

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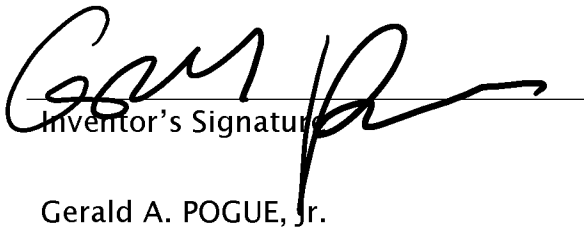
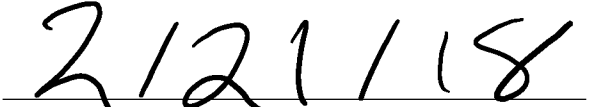
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 _____ Inventor's Signature	 _____ Date
Gerald A. POGUE, Jr. _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 403662-US-NP

I Shiqi WANG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LOW LATENCY BROADCASTING OF GAME ENGINE FRAMES" ("APPLICATION"), which:

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	<u>2/21/2018</u>
Inventor's Signature	Date
<u>Shiqi WANG</u>	
Printed Name in English	Printed Name in Native Language (if other than English)