

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MATTHEW WOZNIAK	12/15/2016
BAKKAMA SRINATH REDDY	12/28/2016
VLADISLAV ALEXANDROV	12/16/2016
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State/Country:	WASHINGTON
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15384237
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NAME OF SUBMITTER:	KYLE B. RINEHART
SIGNATURE:	/Kyle B. Rinehart/
DATE SIGNED:	01/05/2017
Total Attachments: 6	
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PATENT ASSIGNMENT

I, Matthew Wozniak ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIEW-DEPENDENT OPERATIONS DURING PLAYBACK OF PANORAMIC VIDEO" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on 12/19/2016, and given Application No. 15/384,237 by the 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 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"));

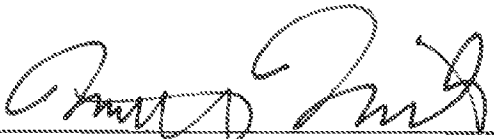
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	Office

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).

	12/15/16
Inventor's Signature	Date
Matthew Wozniak	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Bakkama Srinath Reddy (“ASSIGNOR”), am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “VIEW-DEPENDENT OPERATIONS DURING PLAYBACK OF PANORAMIC VIDEO” (“APPLICATION”), which:

- will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on _____, and given Application No. _____ by the United States Patent and Trademark Office) this APPLICATION’s Application No. filing date, and Office, when known;
- was filed on December 19, 2016, and was given Application No. 15/384,237 by the 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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 Inventor's Signature	 Date
Bakkama Srinath Reddy Printed Name in English	 Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Vladislav Alexandrov ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "VIEW-DEPENDENT OPERATIONS DURING PLAYBACK OF PANORAMIC VIDEO" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES) to insert here in parentheses (filed on 12/19/2016, and given Application No. 15/384,237 by the United States Patent and Trademark Office) this APPLICATION's Application No. filing date, and Office, when known;

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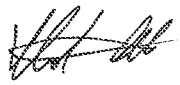
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	<i>12/16/2016</i>
Inventor's Signature	Date
Vladislav Alexandrov	
Printed Name in English	Printed Name in Native Language (if other than English)