

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5578528

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LUKE CARTWRIGHT	05/21/2019
ALEXANDER JAMES THAMAN	03/16/2019
ALTON HAU KWONG KWOK	05/13/2019
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State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16243967
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ATTORNEY DOCKET NUMBER:	405611-US-NP
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/VLADIMIR A. KOZYREV/
DATE SIGNED:	06/18/2019
Total Attachments: 6	
source=2019-06-18 Executed Assignments 405611-US-NP#page1.tif	
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source=2019-06-18 Executed Assignments 405611-US-NP#page6.tif

I Luke CARTWRIGHT ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TIME-BASED VISUAL TARGETING FOR VOICE COMMANDS" ("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 _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on January 9, 2019 and was given Application No 16/243,967 by the following Office "USPTO";

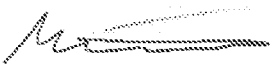
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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).

	<u>5/21/19</u>
Inventor's Signature	Date
Luke CARTWRIGHT	
Printed Name in English	Printed Name in Native Language (if other than English)

I Alexander James THAMAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TIME-BASED VISUAL TARGETING FOR VOICE COMMANDS" ("APPLICATION"), which:

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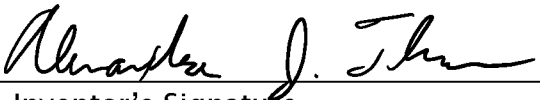
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 _____ Inventor's Signature	<u>3/16/2019</u> _____ Date
Alexander James THAMAN _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Alton Hau Kwong KWOK ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TIME-BASED VISUAL TARGETING FOR VOICE COMMANDS" ("APPLICATION"), which:

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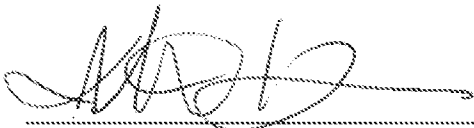
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Inventor's Signature	Date
Alton Hau Kwong KWOK	
Printed Name in English	Printed Name in Native Language (if other than English)