

## 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>
MARCUS EDUARDO MARKIEWICZ	02/22/2019
KRIKOR NIGOGHOSIAN JR.	02/22/2019
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16283703
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<b>ATTORNEY DOCKET NUMBER:</b>	405788-US-NP/170101-263
<b>NAME OF SUBMITTER:</b>	ERIC M. SHELTON
<b>SIGNATURE:</b>	/Eric M. Shelton/
<b>DATE SIGNED:</b>	02/22/2019
<b>Total Attachments: 4</b>	
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source=20190222_170101-263_Assignments#page4.tif	

I Marcus Eduardo MARKIEWICZ ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MACHINE-BASED RECOGNITION AND DYNAMIC SELECTION OF SUBPOPULATIONS FOR IMPROVED TELEMETRY" ("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, 2019 and given Application No. 16/283,703 by the following Office United States Patent & 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 "\_\_\_\_\_";

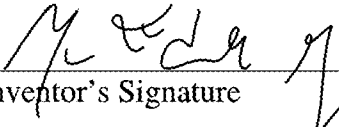
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ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

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).

 _____ Inventor's Signature	<u>2/22/2019</u> _____ Date
<u>Marcus Eduardo MARKIEWICZ</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Krikor NIGOGHOSIAN, Jr. ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "MACHINE-BASED RECOGNITION AND DYNAMIC SELECTION OF SUBPOPULATIONS FOR IMPROVED TELEMETRY" ("APPLICATION"), which:

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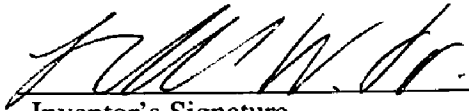
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 Inventor's Signature	<u>2/22/2019</u> Date
<u>Krikor NIGOGHOSIAN, Jr.</u> Printed Name in English	 Printed Name in Native Language (if other than English)