

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDRE MIGUEL COELHO DE OLIVEIRA RODRIGUES	07/18/2016
ILYA GREBNOV	07/20/2016
SUNAY VAISHNAV	07/20/2016
SAMUEL LENZ BANINA	07/20/2016
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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15216027
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ATTORNEY DOCKET NUMBER:	98052-4/360099.01
NAME OF SUBMITTER:	STEPHANIE STEVENS
SIGNATURE:	/Stephanie Stevens/
DATE SIGNED:	07/21/2016
Total Attachments: 8	
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I Andre Miguel Coelho de Oliveira Rodrigues ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Systems and Methods for Event Aggregation to Reduce Network Bandwidth and Improve Network and Activity Feed Server Efficiency" ("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 _____ and was given Application No. _____ by the following 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).

<u>Andre Miguel C. C. Rodrigues</u> Inventor's Signature	<u>07/18/2016</u> Date
<u>Andre Miguel Coelho de Oliveira Rodrigues</u> Printed Name in English	<u>ANDRE MIGUEL COELHO DE OLIVEIRA RODRIGUES</u> Printed Name in Native Language (if other than English)

OLIVEIRA
RODRIGUES

I Ilya Grebnov ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Systems and Methods for Event Aggregation to Reduce Network Bandwidth and Improve Network and Activity Feed Server Efficiency" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>0712012016</u> _____ Date
<u>Ilya Grebnov</u> _____ Printed Name in English	<u>Илья Гребнов</u> _____ Printed Name in Native Language (if other than English)

I Sunay Vaishnav ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Systems and Methods for Event Aggregation to Reduce Network Bandwidth and Improve Network and Activity Feed Server Efficiency" ("APPLICATION"), which:

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<u><i>Sunay Vaishnav</i></u> Inventor's Signature	<u>7/20/2016</u> Date
<u>Sunay Vaishnav</u> Printed Name in English	<u></u> Printed Name in Native Language (if other than English)

I Samuel Lenz Banina ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Systems and Methods for Event Aggregation to Reduce Network Bandwidth and Improve Network and Activity Feed Server Efficiency" ("APPLICATION"), which:

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