503744397 03/18/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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SERGE-ERIC TREMBLAY	03/18/2016
OMAR ALONSO	03/15/2016

RECEIVING PARTY DATA

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State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15074560

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ATTORNEY DOCKET NUMBER:	14917.2744US01/359242.01
NAME OF SUBMITTER:	JASON E. BECKER
SIGNATURE:	/Jason E. Becker/
DATE SIGNED:	03/18/2016

Total Attachments: 6

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PATENT 503744397 REEL: 038035 FRAME: 0346

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> PATENT REEL: 038035 FRAME: 0347

PATENT ASSIGNMENT MS Docket No.: 359242.01

I <u>Vasi</u> l	<u>leios Kandylas</u> ("As	SSIGNOR") am	the origina	l inventor o	or an original joint
inventor of	subject matter (("INVENTION")	disclosed a	and/or clai	imed in a patent
application	entitled " <u>GENER</u>	ATION AND	MANAGEM	MENT OF	SOCIAL GRAPH"
("APPLICATIO	N"), which:				
\boxtimes	will be filed.	ASSIGNOR h	ereby auth	orizes, and	d requests,
	ASSIGNEE'S legal	representative	, Microsoft	Technolog	y Licensing,
	LLC, One Microso	ft Way, Redmo	nd, Washing	ton 98052	(ASSIGNEE'S
	LEGAL REPRESEN	TATIVES), to	insert here	in parent	heses (filed
	on		and	given	Application
	No	by the fol	lowing Offi	ce <u>US – U</u>	<u>nited States</u>
	Patent and Trade	<u>mark Office</u>) th	nis APPLICA	TION's App	lication No.,
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behalf of its desirous of a right of prior	self and its succe acquiring, the enti rity, in the INVENTI	ssors and ass re and exclusiv ON and the AP	igns ("ASSIO ve rights, ti PLICATION (GNEE"), is e tle and inte (and all othe	ability company, on entitled to, and is erest, including the er applications and e or in part, in and
for the Uni	ited States, its †	territories, an	d all forei	gn countri	es ("APPLICATION
DERIVATIVES	"));				
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Application N		Filing Date		Office	
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Page 1 of 2

PATENT ASSIGNMENT

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).

Vayileio, Kundyly	2016-03-17
Inventor's Signature	Date
Vasileios Kandylas	Βασίλειος Κανδύλας
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 359242.01

PATENT ASSIGNMENT

MS Docket No.: 359242.01

I Serge-Eric Tremblay ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION AND MANAGEMENT OF SOCIAL GRAPH" ("APPLICATION"), which:

will be	filed.	ASSIGNOR	hereby	authori	zes, an	d req	uests,
ASSIGNE	E'S legal	representat	ive, Micr	osoft Te	echnolog	y Lice	nsing,
LLC, One	Microso	oft Way, Redr	nond, Wa	ıshingto	n 98052	(ASSIC	SNEE'S
LEGAL F	REPRESEN	ITATIVES), t	o insert	here ir	parent	heses	(filed
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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;

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Application No.	Filing Date	Office
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Page 1 of 2

PATENT REEL: 038035 FRAME: 0350 PATENT ASSIGNMENT

MS Docket No.: 359242.01

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ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for fitigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

And the second s	
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Inventor's Signature	Date
Serge-Eric Tremblay Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 359242.01

I Omar Alonso ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION AND MANAGEMENT OF SOCIAL GRAPH" ("APPLICATION"), which:

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	ASSIGNEE'S LLC, One Mi LEGAL REPR on No. Patent and	ed. ASSIGNOR here legal representative, legal representative, legal representative, legal representative, legal representative, legal representatives, legal representatives, to instance by the following of this and Office, when known	Microsoft Technolog , Washington 98052 ert here in parent and given ving Office <u>US – U</u> APPLICATION's App	y Licensing, (ASSIGNEE'S heses (filed Application nited States
	was filed on	and w	as given Application	
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desirous of a right of priori patents derive for the Unit DERIVATIVES";	equiring, the ty, in the INV ed therefrom ed States, I): OR hereby	uccessors and assign entire and exclusive (ENTION and the APPLIC), such as continuing a lits territories, and a	rights, title and intercation (and all other oplications, in whole oplications) in countries are transfer of the countries of	rest, including the rapplications and or in part, in and es ("APPLICATION
following table		rt the Application N LICATION DERIVATIVES		
Application No		Filing Date		

Page 1 of 2

MS Docket No.: 359242.01

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).

DR	15-21AR-16
Inventor's Signature	Date
Omar Alonso	
Printed Name in English	Printed Name in Native Language
	(if other than English)