

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3016077

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW SALAMATOV	01/20/2014
JASON TODD HENDERSON	08/26/2014
OLEG OULIANKINE	01/13/2014
PRETISH ABRAHAM	09/08/2014
PHILIP YUE-LEUNG CHAN	09/05/2014
KEE HYUK PARK	12/22/2013
SHIVANI CHATURVEDI	03/20/2014
SUDHAKAR PASUPULETI	08/28/2014
PAUL VIRAG	01/06/2014
ANGELA SO	09/05/2014
CHIA-WEI CHANG	03/27/2014
RECEIVING PARTY DATA	
Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14089043
CORRESPONDENCE DATA	
Fax Number:	(612)332-9081
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	612.332.5300
Email:	rkrueger@merchantgould.com
Correspondent Name:	MARK GLEASON
Address Line 1:	80 SOUTH 8TH STREET
Address Line 2:	3200 IDS CENTER
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402

PATENT

ATTORNEY DOCKET NUMBER:	14917.2410US01
NAME OF SUBMITTER:	MARK L. GLEASON
SIGNATURE:	/Mark L. Gleason/
DATE SIGNED:	09/10/2014

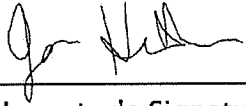
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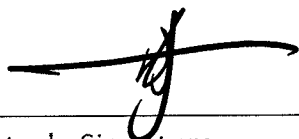
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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>Andrew Salamatov</u>	<u>1/20/2014</u>
Inventor's Signature	Date
<u>Andrew Salamatov</u>	<u></u>
Printed Name in English	Printed Name in Native Language
Andrew Salamatov	(if other than English)

	8/26/2014
_____ Inventor's Signature	_____ Date
Jason Henderson	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)
Jason Todd Henderson	

No.: 14917.2410US01/340609.01



1/13/14

Inventor's Signature

Date

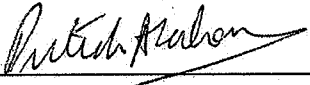
OLEG OULIANKINE

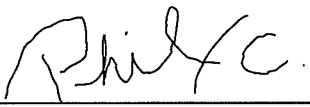
Printed Name in English

Printed Name in Native Language

Oleg Ouliankine

(if other than English)

 _____ Inventor's Signature	<u>9/8/2014</u> _____ Date
<u>PRETISH ABRAHAM</u> _____ Printed Name in English Pretish Abraham	_____ Printed Name in Native Language (if other than English)


	September 5, 2014
_____ Inventor's Signature	_____ Date
Philip Yue-Leung Chan	_____ Printed Name in Native Language (if other than English)
Printed Name in English Philip Yue-Leung Chan	

PATENT ASSIGNMENT

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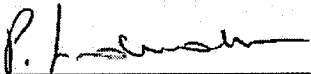
No.: 14917.2410US01/340609.01

	12/22/2013
<u>Inventor's Signature</u>	<u>Date</u>
<u>Kee Hyuk Park</u>	<u>박기혁</u>
<u>Printed Name in English</u>	<u>Printed Name in Native Language</u>
Kee Hyuk Park	(if other than English)

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<u><i>Shivani Chaturvedi</i></u>	<u>03/20/2014</u>
Inventor's Signature	Date
<u>Shivani Chaturvedi</u>	<u>Shivani Chaturvedi</u>
Printed Name in English	Printed Name in Native Language (if other than English)

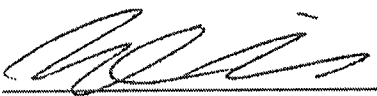
	<u>8-28-2014</u>
Inventor's Signature	Date
<u>SUDHAKAR PASUPOLETI</u>	
Printed Name in English	Printed Name in Native Language
Sudhakar Pasupuleti	(if other than English)

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_MS Docket*

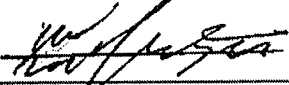
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No.: 14917.24101/US01/340609.01

	1/6/14
<u>Inventor's Signature</u>	<u>Date</u>
Paul Virag	
<u>Printed Name in English</u>	<u>Printed Name in Native Language</u> (if other than English)
Paul Virag	

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Inventor's Signature	Date
<i>Angela So</i>	<i>9/5/2014</i>
Printed Name in English	Printed Name in Native Language
Angela So	(if other than English)

Inventor's Signature	Date
	3/27/2014
Printed Name in English	Printed Name in Native Language
Chia-Wei Chang	(if other than English)