504923748 05/21/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4970494

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID RUSSO	07/28/2013
RANVEER CHANDRA	08/08/2013
HANG YU	08/14/2013

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:	15984927

CORRESPONDENCE DATA

Fax Number: (509)252-5002

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.

Phone: 425-704-0152

Email: chriochs@microsoft.com

MICROSOFT CORPORATION **Correspondent Name:**

Address Line 1: ONE MICROSOFT WAY

Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	338711-US-CNT[2]
NAME OF SUBMITTER:	ALEX LEA
SIGNATURE:	/alex lea/
DATE SIGNED:	05/21/2018

Total Attachments: 6

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PATENT REEL: 045862 FRAME: 0114 504923748

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PATENT REEL: 045862 FRAME: 0115

PATENT ASSIGNMENT MS Docket No.: 338711.01

I, <u>David Russo</u> ("ASSIG inventor of subject matter (application entitled " <u>Wireless G</u>	"INVENTION") disclosed	•
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No	ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One Mine 2 (ASSIGNEE'S LEGAL REPRESES (filed on	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's
was filed on May 22, 2013 and was given Application No 13/900,487 by the following Office "United States Patent and Trademark Office";		
Microsoft Corporation, successors and assigns ("ASSIGENTIFE and exclusive rights, tit (and all other applications applications, in and for the U"APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	
Application No.	Filing Date	Office Office
15/263,092	September 12, 2016	USPTO
15/984,927	May 21, 2018	USPTO
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Page 1 of 2

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Property Company

David Russia

Protect Name of English

PATENT ASSIGNMENT

I, <u>Ranveer Chandra</u> ("A	SSIGNOR"), am the origin	nal inventor or an original joint
inventor of subject matter	("INVENTION") disclosed	and/or claimed in a patent
application entitled "Wireless of	Gaming Protocol" ("APPLIC	ATION"), which:
		,,
ASSIGNEE'S legal Department, Mic Washington 980! here in parent	ASSIGNOR hereby aut representatives, of the Latrosoft Corporation, One M 52 (ASSIGNEE'S LEGAL REP heses (filed on	aw and Corporate Affairs Microsoft Way, Redmond, PRESENTATIVES), to insertand_given
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	filing data and Office 1	
Application No.,	filing date, and Office, wh	en known;
Was filed on May	72 7012 and was above 4	No It e
	22, 2013 and was given A	
	_ by the following Office "	<u>' United States Patent</u>
<u>and Trademark C</u>	<u>ritice ";</u>	
entire and exclusive rights, tit (and all other applications	tle and interest in the IN\ and patents derived th United States, its territor	d is desirous of acquiring, the /ENTION and the APPLICATION erefrom, such as continuing ries, and all foreign countries
ASSIGNOR hereby	authorizes, and req	Boots ASSIGNITES LEGAL
REPRESENTATIVES to insert t	he Application No. filin	uests, ASSIGNEE'S LEGAL ig date, and Office into the
ollowing table for any APPLICA	TION DERIVATIVES after the	hev are known:
Application No.	Filing Date	Office
5/263,092	September 12, 2016	USPTO
5/984,927	May 21, 2018	USPTO

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Page 1 of 2

PATENT REEL: 045862 FRAME: 0118

MS Docket No.: <u>338711.01</u>

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 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).

Hann Chom	08/08/2013
Inventor's Signature	Date
Ranveer Chandra	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 338711.01

PATENT ASSIGNMENT MS Docker No.: 338711.01

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subject matt	er ("INVENTION") d		or an original joint inventor of a patent application entitled
	ASSIGNEE'S legal repartment, Micro Washington 98052 here in parenthology of the Market	ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given by the following) this APPLICATION's n known;
		y the following Office " <u>U</u>	
successors a entire and e (and all oth applications,	and assigns ("ASSIC xclusive rights, titl her applications a	SNEE"), is entitled to, and e and interest in the INVI and patents derived the	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION refrom, such as continuing es, and all foreign countries
REPRESENTA	TIVES to insert ti	authorizes, and requive Application No., filing	g date, and Office into the
Application 1		Filing Date	Office
15/263,092	****	September 12, 2016	USPTO
15/984,927		May 21, 2018	USPTO
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Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 338711.01

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 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).

12-5	08/14/2013
Inventor's Signature	Date
Hang Yu	
Printed Name in English	Printed Name in Native Language
	(if other than English)