504188438 01/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4235113

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY JOHN COLOMBO	06/29/2016
LOGANANTH SEETHARAMAN	01/17/2017
GRAHAM WONG	06/28/2016
MEHMET IYIGUN	06/30/2016
STEVE MICHEL PRONOVOST	06/30/2016
THOMAS FAHRIG	07/07/2016
THOBIAS JONES	06/28/2016
MICHAEL CHARLES CRANDALL	06/29/2016
JAMES ANDREW GOOSSEN	06/30/2016

RECEIVING PARTY DATA

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15199665

CORRESPONDENCE DATA

Fax Number: (801)328-1707

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.

Email: vrobinson@wnlaw.com,USDocketing@microsoft.com

Correspondent Name: WORKMAN NYDEGGER/MICROSOFT

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER: 13768.2893.1

NAME OF SUBMITTER: SHANE K. JENSEN

PATENT 504188438 REEL: 041025 FRAME: 0977

SIGNATURE:	/Shane K. Jensen, Reg. No. 55,301/	
DATE SIGNED:	01/20/2017	
Total Attachments: 18		
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PATENT REEL: 041025 FRAME: 0978

MS Docket No.: <u>359482.02</u> WN Docket No.:<u>13768.2893.1</u>

I <u>Gregory John Colombo</u> joint inventor of subject matte application entitled " <u>OPERATIN</u> which:	er ("INVENTION") disclose	· •	
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No States Patent Application No., f	ASSIGNOR hereby authorepresentatives, of the Lawosoft Corporation, One Mig (ASSIGNEE'S LEGAL REPR eses (filed on by the following date, and Office, whe me 30, 2016 and was the following Office "US - U";	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given wing Office US – United this APPLICATION's n known;	
behalf of itself and its succe desirous of acquiring, the enti right of priority, in the INVENTI patents derived therefrom, suc for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing application territories, and all forei	tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION	
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following table for any APPLICA			
Application No.	Filing Date	Office	
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MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893</u>.1

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);

Inventor's Signature	6/29/16 Date
_Gregory John Colombo	
Printed Name in English	Printed Name in Native Language (if other than English)

I Logananth Seetharama joint inventor of subject matte application entitled "OPERATIN which:	er ("INVENTION") disclose	•
ASSIGNEE'S legal Department, Micro Washington 9805 here in parenth Application No States Patent a	ASSIGNOR hereby auth representatives, of the Law osoft Corporation, One Mi 2 (ASSIGNEE'S LEGAL REPR eses (filed on by the following date, and Office, whe	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given wing Office US – United this APPLICATION's
	ne 30, 2016 and was ie following Office "US – U ";	
Microsoft Technology Lide behalf of itself and its succes desirous of acquiring, the entire right of priority, in the INVENTI patents derived therefrom, successor the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
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REPRESENTATIVES to insert the following table for any APPLICA	• •	_
Application No.	Filing Date	Office

PATENT ASSIGNMENT MS Docket No.: 359482.02

MS Docket No.: <u>359482.02</u> WN Docket No.: 13768.2893.1

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).

Inventor's Signature

Logananth Seetharaman

Printed Name in English

Oute

Printed Name in Native Language

(if other than English)

I Graham Wong	("ASSIGNOR") am the ori	ginal inventor or an original join
inventor of subject ma	atter ("INVENTION") discl	osed and/or claimed in a patent
application entitled "OPE	RATING SYSTEM SUPPORT	FOR GAME MODE" ("APPLICATION")
which:		
\square will be fi	led. ASSIGNOR hereby	authorizes, and requests,
ASSIGNEE'S	legal representatives, of t	he Law and Corporate Affairs
Departmen	t, Microsoft Corporation, (One Microsoft Way, Redmond,
Washingtor	1 98052 (ASSIGNEE'S LEGA	L REPRESENTATIVES), to insert
here in p	arentheses (filed on	and given
Application	No by th	e following Office <u>US – United</u>
<u>States Pa</u>	<u>ent and Trademark (</u>	Office) this APPLICATION's
Application	No., filing date, and Office	e, when known;
🛛 was filed	on <u>June 30, 2016</u> and	was given Application No
<u> 15/199,66</u>	$\underline{5}$ by the following Office "	<u> US – United States Patent and</u>
<u>Trademark</u>	Office ";	
desirous of acquiring, the right of priority, in the IN patents derived therefro for the United States, DERIVATIVES")); ASSIGNOR here	ne entire and exclusive rig NVENTION and the APPLICA m, such as continuing app its territories, and all eby authorizes, and	("ASSIGNEE"), is entitled to, and is other, title and interest, including the ATION (and all other applications and olications, in whole or in part, in and foreign countries ("APPLICATION" requests, ASSIGNEE'S LEGAL, filing date, and Office into the
following table for any A	PPLICATION DERIVATIVES a	after they are known;
Application No.	Filing Date	Office

MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893</u>.1

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);

And the second s	6/21/2016
Invéntor's Bignature	Date
Graham Wong	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of	subject matter ("INVENTION") disclosed	inventor or an original joint and/or claimed in a patent <u>GAME MODE</u> " ("APPLICATION"),
	ASSIGNEE'S legal of Department, Micro Washington 9805. here in parenthe Application No	ASSIGNOR hereby authorepresentatives, of the Lawbosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on by the following date, and Office, whe	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given wing Office US – United this APPLICATION's
		<u>30, 2016</u> and was given A e following Office " <u>US – U</u> ';	
behalf of itse desirous of a right of priori patents derive	elf and its succest cquiring, the entile ty, in the INVENTI ed therefrom, suc ted States, its t	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
REPRESENTAT	IVES to insert th	•	uests, ASSIGNEE'S LEGAL g date, and Office into the nev are known:
Application N		Filing Date	Office
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MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893.1</u>

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Addreso	06/30/2016
Inventor's Signature	Date
Mehmet lyigun	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893.1</u>

I <u>Stev</u>	<u>e Michel Pronovos</u>	<u>t</u> ("ASSIGNOR") am the or	riginal inventor or an original
joint invento	or of subject matte	er ("INVENTION") disclose	d and/or claimed in a patent
application e	entitled "OPERATING	G SYSTEM SUPPORT FOR (GAME MODE" ("APPLICATION"),
which:			
	will be filed.	ASSIGNOR hereby auth	orizes, and requests,
	ASSIGNEE'S legal	representatives, of the Lav	w and Corporate Affairs
	Department, Micro	osoft Corporation, One Mi	crosoft Way, Redmond,
	Washington 9805	2 (ASSIGNEE'S LEGAL REPR	ESENTATIVES), to insert
	here in parenth	eses (filed on	and given
		by the follo	_
	States Patent and Trademark Office) this APPLICATION's		
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		e following Office " <u>US – Ur</u>	
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behalf of its desirous of a right of prior patents deriv	self and its succestacquiring, the entile rity, in the INVENTIVE ved therefrom, such the States, its to the second such that the second research its to the second research re	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
ASSIG	NOR hereby	authorizes, and requ	uests, ASSIGNEE'S LEGAL
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		TION DERIVATIVES after th	
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MS Docket No.: 359482.02 WN Docket No.: <u>13768.2893.1</u>

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).

Inventor's Signature

Steve Michel Pronovost

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893.1</u>

inventor of subject matte	r ("INVENTION") dis	original inventor or an original join sclosed and/or claimed in a patent RT FOR GAME MODE" ("APPLICATION")
ASSIGNEE'S leg Department, M Washington 98 here in parent Application No States Patent	gal representatives, o ficrosoft Corporation 8052 (ASSIGNEE'S LEC heses (filed onby	by authorizes, and requests, of the Law and Corporate Affairs of One Microsoft Way, Redmond, GAL REPRESENTATIVES), to insert and given the following Office <u>US - United</u> Office) this APPLICATION's fice, when known;
	the following Office	given Application No " <u>US – United States Patent and</u>
behalf of itself and its suddesirous of acquiring, the eright of priority, in the INVER patents derived therefrom,	ccessors and assign ntire and exclusive r NTION and the APPLIC such as continuing a	ashington limited liability company, on s ("ASSIGNEE"), is entitled to, and is rights, title and interest, including the CATION (and all other applications and pplications, in whole or in part, in and all foreign countries ("APPLICATION
	the Application N	d requests, ASSIGNEE'S LEGAL lo., filing date, and Office into the S after they are known:
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MS Docket No.; <u>359482.02</u> WN Docket No.: <u>13768.2893.1</u>

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Thomas Fahrig
Printed Name in English

O7/07/2016

Date

Printed Name in Native Language
(if other than English)

MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893.1</u>

I <u>Thobias Jones</u> ("ASSIC inventor of subject matter (application entitled " <u>OPERATIN</u> which:	("INVENTION") disclosed	•
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No States Patent Application No., f	ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One M 2 (ASSIGNEE'S LEGAL REPRESES (filed on by the followand Trademark Office) iling date, and Office, when and 2016 and was given A	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given wing Office US – United this APPLICATION's n known;
<u>15/199,665</u> by th <u>Trademark Office</u>	ie following Office " <u>US – U</u> ";	nited States Patent and
behalf of itself and its succe desirous of acquiring, the enti right of priority, in the INVENTI patents derived therefrom, suc for the United States, its DERIVATIVES"));	ssors and assigns ("ASSI re and exclusive rights, ti ON and the APPLICATION th as continuing application territories, and all fore	tle and interest, including the (and all other applications and ns, in whole or in part, in and
REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	g date, and Office into the
Application No.	Filing Date	Office
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MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893.1</u>

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المالية المال	<u> </u>
Thobias Jones	***************************************
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>359482.02</u> WN Docket No.: <u>13768.2893.1</u>

I <u>Michael Charles Crandation</u> joint inventor of subject matter application entitled " <u>OPERATING</u> which:	er ("INVENTION") disclosed	•
ASSIGNEE'S legal of Department, Micro Washington 9805 here in parenth Application No	ASSIGNOR hereby auth representatives, of the Lavosoft Corporation, One Mi (2 (ASSIGNEE'S LEGAL REPReses (filed on by the followand Trademark Office) ling date, and Office, whe	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given wing Office <u>US – United</u> this APPLICATION's
	<u>30, 2016</u> and was given A e following Office " <u>US – Ur</u> ';	
Microsoft Technology Lice behalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTI patents derived therefrom, successfor the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION (h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION
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Application No.	Filing Date	Office
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	Martor's Signature	<u>6/29/16</u> Date
	Michael Charles Crandall	
	Printed Name in English	Printed Name in Native Language
****		(if other than English)

I <u>James</u>	Andrew Goosse	n ("ASSIGNOR") am the o	riginal inventor or an original
joint inventor	of subject matte	er ("INVENTION") disclose	d and/or claimed in a patent
application en	ntitled " <u>OPERATIN</u>	G SYSTEM SUPPORT FOR (SAME MODE" ("APPLICATION"),
which:			
	will be filed.	ASSIGNOR hereby auth	orizes, and requests,
,	ASSIGNEE'S legal i	representatives, of the Lav	w and Corporate Affairs
ı	Department, Micro	osoft Corporation, One Mi	crosoft Way, Redmond,
,	Washington 9805	2 (ASSIGNEE'S LEGAL REPR	ESENTATIVES), to insert
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(=	States Patent and Trademark Office) this APPLICATION's		
,	Application No., fi	ling date, and Office, whe	n known;
\boxtimes ι	was filed on <u>June</u>	<u>30, 2016</u> and was given A	pplication No
	15/199 <mark>,665</mark> by th	e following Office " <u>US – Uı</u>	nited States Patent and
- -	Trademark Office"	·	
behalf of itse desirous of ac right of priorit patents derive	elf and its succest cquiring, the entility, in the INVENTION of the INVENT	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing applicatio	n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and us, in whole or in part, in and
DERIVATIVES"		erritories, and an iorei	gn countries ("APPLICATION
DERIVATIVES ,	<i>1)</i> ,		
ASSIGN	OR hereby	authorizes, and regi	uests, ASSIGNEE'S LEGAL
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Inventor's Signature

Date

James Andrew Goossen

Printed Name in English

Printed Name in Native Language
(if other than English)