503721162 03/03/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3767803

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANNY B. LANGE	12/10/2012
HUNG-CHIH YANG	12/10/2012
XIONG ZHANG	12/07/2012
GRAHAM A. WHEELER	12/10/2012
JASON J. JOYCE	12/04/2012
DAVID M. MOORE	12/03/2012
BHALCHANDRA PANDIT	01/01/2013

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:	15060465

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: 509.252.5015

Email: usdocket@microsoft.com

Correspondent Name: PHILLIP CAMERON | RAINIER PATENTS

Address Line 1: 505 W RIVERSIDE AVE

Address Line 2: SUITE 440

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	335367.06
NAME OF SUBMITTER:	PHILLIP A. CAMERON
SIGNATURE:	/Phillip A. Cameron/
DATE SIGNED:	03/03/2016

503721162 PATENT REEL: 037888 FRAME: 0431

Total Attachments: 14 source=335367-06-Executed-Parent_Assignments#page1.tif source=335367-06-Executed-Parent_Assignments#page2.tif source=335367-06-Executed-Parent_Assignments#page3.tif source=335367-06-Executed-Parent_Assignments#page4.tif source=335367-06-Executed-Parent_Assignments#page5.tif source=335367-06-Executed-Parent_Assignments#page6.tif source=335367-06-Executed-Parent_Assignments#page7.tif source=335367-06-Executed-Parent_Assignments#page8.tif source=335367-06-Executed-Parent_Assignments#page9.tif source=335367-06-Executed-Parent_Assignments#page10.tif source=335367-06-Executed-Parent_Assignments#page11.tif source=335367-06-Executed-Parent_Assignments#page12.tif source=335367-06-Executed-Parent_Assignments#page13.tif source=335367-06-Executed-Parent_Assignments#page13.tif source=335367-06-Executed-Parent_Assignments#page14.tif

PATENT REEL: 037888 FRAME: 0432

!	PATENT ASSIGNMENT	
I, Danny B. Lange ("ASSIG inventor of subject matter ("IN application entitled "SOCIAL MEDI	(VENTION") disclosed an	ventor or an original joint downtor claimed in a patent "APPLICATION"), which:
ASSIGNEE'S legal reposition for the control of the	SSIGNOR hereby author presentatives, of Wolf, Gre e, Boston, MA 02210, wh 5840 (ASSIGNEE'S LEGAL otheses (filed on <u>Januar</u> 3/733009 by the follow of Trademark Office) ng date, and Office, when	enfield & Sacks, P.C., o are associated with REPRESENTATIVES), to y 2, 2013 and given ing Office US - United this APPLICATION's
was filed on No	and was given A by the following Office ";	pplication
Microsoft Corporation, a successors and assigns ("ASSIG entire and exclusive rights, title (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES")):	NEE"), is entitled to, and e and interest in the INVE nd patents derived the	refrom, such as continuing
ASSIGNOR hereby a REPRESENTATIVES to insert the following table for any APPLICA	authorizes, and require Application No., filing	g date, and office med and
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Page 1 of 22899724.1

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	12/10/2012 Date
Danny B. Lange	
Printed Name in English	Printed Name in Native Language
***	(if other than English)

	PATENT ASSIGNME	NI
<u> </u>	("INVENTION") disclosed	al inventor or an original joint and/or claimed in a patent T" ("APPLICATION"), which:
ASSIGNEE'S leg 600 Atlantic A customer numl insert here in p Application No. States Patent	ASSIGNOR hereby autal representatives, of Wolf, venue, Boston, MA 02210, per 45840 (ASSIGNEE'S LEG parentheses (filed on <u>Jar 13/733009</u> by the foll and Trademark Office, who filing date, and Office, who	Greenfield & Sacks, P.C., who are associated with AL REPRESENTATIVES), to nuary 2, 2013 and given owing Office US – United this APPLICATION's
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successors and assigns ("AS entire and exclusive rights, (and all other applications applications, in and for the ("APPLICATION DERIVATIVES" ASSIGNOR hereby REPRESENTATIVES to insert	SIGNEE"), is entitled to, an title and interest in the IN' and patents derived the United States, its territo (); authorizes, and recount the Application No., filing	ng date, and Office into the
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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).

De 6, 2012

Inventor's Signature Date

Hung-Chih Yang

Printed Name in English

Printed Name in Native Language
(if other than English)

PATENT ASSIGNMENT

I, Xiong Zhang ("ASSIGNITY INVESTIGATION IN THE INV	("INVENTION") disclosed a	The second of the contract of the second
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Microsoft Corporation, successors and assigns ("ASS entire and exclusive rights, ti (and all other applications applications, in and for the ("APPLICATION DERIVATIVES"))	IGNEE"), is entitled to, and tle and interest in the INV and patents derived the United States, its territori	ENTION and the APPLICATION erefrom, such as continuing
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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);

Hull	12/07/2012
Inventor's Signature	Date
Xiong Zhang	
Printed Name in English	Printed Name in Native Language
with the second	(if other than English)

PATENT ASSIGNMENT

I, Graham A. Wheeler ("A inventor of subject matter (application entitled "SOCIAL ME	"INVENTION") disclosed	•
ASSIGNEE'S legal	ASSIGNOR hereby auth representatives, of Wolf, Goule, Boston, MA 02210, w	Greenfield & Sacks, P.C.,
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	and was given .	
	by the following Office 	5
Microsoft Corporation, successors and assigns ("ASSIG entire 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 INVI and patents derived the United States, its territori	ENTION and the APPLICATION refrom, such as continuing
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following table for any APPLICA 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 in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

s when	12/10/2012
Inventor's Signature	Date
Graham A. Wheeler	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

	3 J T E Man C Ta K E Transferro was to the Country of	
I, Jason J. Joyce ("ASSIC inventor of subject matter (application entitled "SOCIAL ME	"INVENTION") disclosed a	nventor or an original joint ind/or claimed in a patent ("APPLICATION"), which:
ASSIGNEE'S legal 600 Atlantic Aver customer number insert here in par Application No. States Patent	ASSIGNOR hereby authorepresentatives, of Wolf, Gone, Boston, MA 02210, work 45840 (ASSIGNEE'S LEGAL rentheses (filed on Januar 13/733009 by the following date, and Office, whe	reenfield & Sacks, P.C., ho are associated with _ REPRESENTATIVES), to ry 2, 2013 _ and given wing Office US - United this APPLICATION's
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Microsoft Corporation, successors and assigns ("ASSI entire and exclusive rights, ti (and all other applications applications, in and for the ("APPLICATION DERIVATIVES"))	GNEE"), is entitled to, and tle and interest in the INV and patents derived the United States, its territor	'ENTION and the APPLICATION erefrom, such as continuing
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Page 1 of 22899719.1

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);

- Bibadan nahan nahan nahan nahan nahan nahahada kan nahan nahan nahan nahan nahan nahan nahan nahan nahan naha		~~
Inventor's Signature	12/04/2012 Date	
Jason J. Joyce	***************************************	
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

PATENT ASSIGNMENT

I, David M. Moore ("ASS inventor of subject matter (application entitled "SOCIAL ME	"INVENTION") disclosed	•
ASSIGNEE'S legal 600 Atlantic Aver customer number insert here in par Application No. States Patent	ASSIGNOR hereby auth representatives, of Wolf, Gone, Boston, MA 02210, work 45840 (ASSIGNEE'S LEGALITY) and January 13/733,009 by the following date, and Office, whe	reenfield & Sacks, P.C., who are associated with L REPRESENTATIVES), to cy 2, 2013 and given wing Office US – United this APPLICATION's
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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);

HEAM. Mor	12/3/1
Inventor's Signature	Date
David M. Moore	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Bhalchandra Pandit ("A inventor of subject matter (' application entitled "SOCIAL ME	"INVENTION") disclosed	•
ASSIGNEE'S legal reference of the control of the co	ASSIGNOR hereby auth representatives, of Wolf, Gue, Boston, MA 02210, w 45840 (ASSIGNEE'S LEGAL entheses (filed on Januar 3/733,009 by the following date, and Office, where	reenfield & Sacks, P.C., who are associated with L REPRESENTATIVES), to ry 2, 2013 and given wing Office US – United this APPLICATION's
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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 litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

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Martis	V1/13
Inventor's Signature	Date
Bhalchandra Pandit	
Printed Name in English	Printed Name in Native Language (if other than English)

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