503754914 03/25/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3801560

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL JOHN EBSTYNE	02/14/2014
FREDERIK SCHAFFALITZKY	04/30/2014
STEPHEN LATTA	03/19/2014
PAUL ALBERT LALONDE	03/10/2014
DREW STEEDLY	02/21/2014
ALEX KIPMAN	02/21/2014
ETHAN EADE	02/25/2014

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:	14267624

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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: 425-707-9382

Email: usdocket@microsoft.com

MICROSOFT CORPORATION **Correspondent Name:**

ONE MICROSOFT WAY Address Line 1:

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	340307.01 (WHG13306)
NAME OF SUBMITTER:	CATHERINE POLANCE
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	03/25/2016

PATENT REEL: 038105 FRAME: 0236

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Total Attachments: 14 source=340307.01 (WHG13306) Executed Assignments#page1.tif source=340307.01 (WHG13306) Executed Assignments#page2.tif source=340307.01 (WHG13306) Executed Assignments#page3.tif source=340307.01 (WHG13306) Executed Assignments#page4.tif source=340307.01 (WHG13306) Executed Assignments#page5.tif source=340307.01 (WHG13306) Executed Assignments#page6.tif source=340307.01 (WHG13306) Executed Assignments#page7.tif source=340307.01 (WHG13306) Executed Assignments#page8.tif source=340307.01 (WHG13306) Executed Assignments#page9.tif source=340307.01 (WHG13306) Executed Assignments#page10.tif source=340307.01 (WHG13306) Executed Assignments#page11.tif source=340307.01 (WHG13306) Executed Assignments#page12.tif source=340307.01 (WHG13306) Executed Assignments#page12.tif source=340307.01 (WHG13306) Executed Assignments#page13.tif source=340307.01 (WHG13306) Executed Assignments#page13.tif

PATENT REEL: 038105 FRAME: 0237

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I <u>Michael John Ebstyne</u> ("ASSIGNOR") am the	s Oudingt illaction of an original love
inventor of subject matter ("INVENTION") disci	losed and/or claimed in a patent
application entitled "TRANSITIONS BETWEEN BO	DDY-LOCKED AND WORLD-LOCKED
AUGMENTED REALITY" ("APPLICATION"), which:	

\boxtimes	will	be	filed.	ASSIC	SNOR	hereb	y au	thorize	s, and	d req	uests,
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	<b>81</b>			***************************************		# , !					

Microsoft Corporation, a Washington Corporation, 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:

Application No.	Filing Date		
Abhiication iso.	1 (11(6) 2566	Office Office	
N. C.			
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Page 1 of 2

MS	Docket	No.:	WHG13306

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

Date

Michael John Ebstyne

Printed Name in English

Printed Name in Native Language

(if other than English)

I <u>Frederik Schaffalitzky</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TRANSITIONS BETWEEN BODY-LOCKED AND WORLD-LOCKED AUGMENTED REALITY</u>" ("APPLICATION"), which:

MS Docket No.: WHG13306

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	here in parentl	neses (filed . <u>14/267,6</u>	on <u>N</u> 624 )	by the	following APPLIC	Office
	Application No.,	filing date, a	nd Office	, when kn	own;	
	was filed on	by the follo			lication No	
	"		", "			

Microsoft Corporation, a Washington Corporation, 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;

	Office	
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	Filing Date	Filing Date Office

PATENT ASSIGNMENT	MS Docket No.:	WHG13306

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")):** 

T. Schaffelikly Inventor's Signature	30 APR 2014 Date
Frederik Schaffalitzky	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT A	ASSIGNMENT	MS Docket No.: WHG13306
I <u>Stephen Latta</u> ("ASSIC inventor of subject matter ( application entitled " <u>TRANSIT</u> <u>AUGMENTED REALITY</u> " ("APPLIC	"INVENTION") disclosed a IONS BETWEEN BODY-LO	•
ASSIGNEE'S legal Department, Micro Washington 9805 here in parenth Application No.	ASSIGNOR hereby authorepresentatives, of the Lawosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on Mayon 14/267,624 by the ling date, and Office, whe	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert 1, 2014 and given the following Office his APPLICATION's
	and was given by the following Office";	Application No
Microsoft Corporation, successors and assigns ("ASSIC entire and exclusive rights, till INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all for	GNEE"), is entitled to, and tle and interest, including TON (and all other appl applications, in whole or	g the right of priority, in the ications and patents derived in part, in and for the United
ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA	• •	g date, and Office into the
Application No.	Filing Date	Office
	<u> </u>	

Page 1 of 2

	3/19/14
Inventor's Signature	Date
Stephen Latta	
Printed Name in English	Printed Name in Native Language
	(if other than English)

inventor of subject matter ("INVE entitled "TRANSITIONS BETWEE REALITY" ("APPLICATION"), which	ENTION") disclosed and/or EN BODY-LOCKED AND V	
legal representative Microsoft Corporative (ASSIGNEE'S LE parentheses (filed No. 14/267,624	GNOR hereby authorizes, ares, of the Law and Corporation, One Microsoft Way, Reduced GAL REPRESENTATIVES May 1, 2014  The by the following Office to the minute of the min	orate Affairs Department, mond, Washington 98052 6), to insert here in and given Application ) this APPLICATION's
	and was given Appl by the following Office	ication
Microsoft Corporation, a Wand assigns ("ASSIGNEE"), is entrights, title and interest, including the (and all other applications and prince whole or in part, in and for ("APPLICATION DERIVATIVES"))	itled to, and is desirous of a the right of priority, in the IN\ patents derived therefrom, the United States, its terri	VENTION and the APPLICATION such as continuing applications,
ASSIGNOR hereby REPRESENTATIVES to insert the for any APPLICATION DERIVATIV		
Application No.	,	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, 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,

Page 1 of 2

MS Docket No.: WHG13306

and all foreign countries ("APPLICATION DERIVATIVES"));

	Mar 10/2014
Inventor's Signature	Date
Paul Albert Lalonde	
Printed Name in English	Printed Name in Native Language
	(if other than English)

ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond,
Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on <a href="May 1, 2014">May 1, 2014</a> and given
Application No. <u>14/267,624</u> by the following Office
Application No., filing date, and Office, when known;
was filed on and was given Application No
by the following Office
<u>"                                    </u>

Microsoft Corporation, a Washington Corporation, 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"));

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Application No.	Filing Date	Office

Page 1 of 2

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Inventor's Signature	2/21/20 14 Date
Drew Steedly	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Alex Kipman</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TRANSITIONS BETWEEN BODY-LOCKED AND WORLD-LOCKED AUGMENTED</u> REALITY" ("APPLICATION"), which:

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	Wasl	ning	ton 9805	2 (ASS	IGNEE	'S LEGA	AL RE	PRESEN	TATIVE	S), to	insert
	here	in	parenth	eses	(filed	on _	May	1, 201	4	and	given
	Appl	icati	on No.	14/2	267,62	24	by	the	follow	ing	Office
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	Appl	icati	on No., f	iling d	ate, ar	nd Offi	ce, wł	nen kno	own;		
	was	filed	on		a	ınd was	give	n Appli	cation	No	
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Microsoft Corporation, a Washington Corporation, 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"));

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Application No.	Filing Date	Office

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	2-21-14	
Inventor's Signature	Date	
Alex Kipman		
Printed Name in English	Printed Name in Native Language (if other than English)	

I <u>Ethan Eade</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TRANSITIONS BETWEEN BODY-LOCKED AND WORLD-LOCKED AUGMENTED REALITY</u>" ("APPLICATION"), which:

$\boxtimes$	will	be	filed.	ASSIGNOR	here	eby au	uthorize	es, and	requests,
	ASSIGNEE'S legal representatives, of the Law and Corporate Affairs								
	Depa	artm	ent, Micr	osoft Corp	oration	ı, One	Micros	oft Way,	Redmond,
	Was	hing	ton 9805	2 (ASSIGNE	E'S LE	GAL RE	EPRESEN	ITATIVES)	, to insert
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	*************	***********			*****************	)	this	APPL	ICATION's
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	by the following Office								
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Et Cash	Feb 25, 2014
Inventor's Signature	Date
Ethan Eade	
Printed Name in English	Printed Name in Native Language
	(if other than English)

RECORDED: 03/25/2016