503510160 10/05/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3556786

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADAM G. POULOS	04/22/2013
TONY AMBRUS	03/18/2014
JEFFREY COLE	05/20/2013
IAN DOUGLAS MCINTYRE	04/19/2013
STEPHEN LATTA	04/25/2013
PETER TOBIAS KINNEBREW	04/26/2013
NICHOLAS KAMUDA	04/24/2013
ROBERT PENGELLY	05/13/2013
JEFFREY C. FONG	04/19/2013
AARON WOO	04/24/2013
UDIYAN I. PADMANAHAN	05/15/2013
ANDREW WYMAN MACDONALD	04/22/2013
OLIVIA M. JANIK	04/22/2013

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:	13900416

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: 4257079382

Email: USDocket@microsoft.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

PATENT
REEL: 036777 FRAME: 0430

503510160

	PATENT GROUP DOCKETING DEPT REDMOND, WASHINGTON 98052	
ATTORNEY DOCKET NUMBER:		338336.01
NAME OF SUBMITTER:		CATHERINE POLANCE
SIGNATURE:		/Catherine Polance/
DATE SIGNED:		10/05/2015

Total Attachments: 26 source=338336-01-Executed-Assignment#page1.tif source=338336-01-Executed-Assignment#page2.tif source=338336-01-Executed-Assignment#page3.tif source=338336-01-Executed-Assignment#page4.tif source=338336-01-Executed-Assignment#page5.tif source=338336-01-Executed-Assignment#page6.tif source=338336-01-Executed-Assignment#page7.tif source=338336-01-Executed-Assignment#page8.tif source=338336-01-Executed-Assignment#page9.tif source=338336-01-Executed-Assignment#page10.tif source=338336-01-Executed-Assignment#page11.tif source=338336-01-Executed-Assignment#page12.tif source=338336-01-Executed-Assignment#page13.tif source=338336-01-Executed-Assignment#page14.tif source=338336-01-Executed-Assignment#page15.tif source=338336-01-Executed-Assignment#page16.tif source=338336-01-Executed-Assignment#page17.tif source=338336-01-Executed-Assignment#page18.tif source=338336-01-Executed-Assignment#page19.tif source=338336-01-Executed-Assignment#page20.tif source=338336-01-Executed-Assignment#page21.tif source=338336-01-Executed-Assignment#page22.tif source=338336-01-Executed-Assignment#page23.tif source=338336-01-Executed-Assignment#page24.tif source=338336-01-Executed-Assignment#page25.tif source=338336-01-Executed-Assignment#page26.tif

> PATENT REEL: 036777 FRAME: 0431

inventor of application ("APPLICATIO	subject matter (entitled "BODY-LO N"), which: will be filed. ASSIGNEE'S legal (Department, Micro Washington 9805) here in parenth Application No.	"INVENTION") disclosed	w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert 2013 and given the following Office his APPLICATION's
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successors a entire and ex (and all oth applications,	nd assigns ("ASSIC xclusive rights, titl ier applications a	ONEE"), is entitled to, and e and interest in the INV and patents derived the	n, on behalf of itself and its is desirous of acquiring, the ENTION and the APPLICATION erefrom, such as continuing les, and all foreign countries
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Application N		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);

Olden Borlos	4/22/2013
Inventor's Signature	Date
Adam G. Poulos	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Tony Ambrus</u> ("ASSIG inventor of subject matter (application entitled "BODY-LO ("APPLICATION"), which:	"INVENTION") disclosed	·
ASSIGNEE'S legal in Department, Micro Washington 9805; here in parenthe Application No.	ASSIGNOR hereby auth representatives, of the Lavosoft Corporation, One Mizer (ASSIGNEE'S LEGAL REPReses (filed on May 22, 2013/900,416 by the ling date, and Office, whe	v and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert 2013 and given the following Office his APPLICATION's
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ASSIGNOR hereby	authorizes, and requ	iests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert the		- '
following table for any APPLICA		
Application No.	Filing Date	Office

MS Docket No.: 338336.01

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);

	3/18/2014
Inventor's Signature	Date
Tony Ambrus	
Printed Name in English	Printed Name in Native Language
	(if other than English)

of subject mentitled "BC" ("APPLICATION	. ,	N") disclosed a LACEMENT O	ind/or clai F AUGMI	med in a	a patent a REALITY	application OBJECTS
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MS Docket No.: 338336.01

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Inventor's Signature	5/20/2013 Date
Jeffrey Cole	
Printed Name in English	Printed Name in Native Language
	(if other than English)

l <u>lan Douglas McIntyre</u>	("ASSIGNOR") am the origin	al inventor or an original joint
inventor of subject matter	("INVENTION") disclosed	and/or claimed in a patent
application entitled "BODY-L	OCKED PLACEMENT OF A	JGMENTED REALITY OBJECTS"
("APPLICATION"), which:		
oxtimes will be filed.	ASSIGNOR hereby auth	orizes, and requests,
ASSIGNEE'S legal	representatives, of the Lav	w and Corporate Affairs
Department, Mic	rosoft Corporation, One M	icrosoft Way, Redmond,
Washington 980	52 (ASSIGNEE'S LEGAL REPR	ESENTATIVES), to insert
here in parent	heses (filed on May 22,	2013 and given
	, <u>13/900,416</u> by	
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Microsoft Corporation,	a Washington Corporatio	n, on behalf of itself and its
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	•	ies, and all foreign countries
("APPLICATION DERIVATIVES")		,
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ASSIGNOR hereby	authorizes, and req	uests, ASSIGNEE'S LEGAL
REPRESENTATIVES to insert	the Application No., filin	g date, and Office into the
following table for any APPLIC	ATION DERIVATIVES after th	ney are known;
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):

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

Ian Douglas McIntyre

Printed Name in English Printed Name in Native Language (if other than English)

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successors and assign entire and exclusive r (and all other applic	oration, a Washington (is ("ASSIGNEE"), is entition ights, title and interest cations and patents d for the United States, i (TIVES"));	ed to, and is desir in the INVENTION : erived therefrom,	ous of acquiring, the and the APPLICATION such as continuing
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Page 1 of 2

PATENT

REEL: 036777 FRAME: 0440

- 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 linterest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

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	4/25/ <u>/3</u>	
Inventor's Signature	Date	
Stephen Latta		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

PATENT ASSIGNMENT MS Docket No.: 338336.01 I Peter Tobias Kinnebrew ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "BODY-LOCKED PLACEMENT OF AUGMENTED REALITY OBJECTS" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, 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 May 22, 2013 and given Application No. 13/900,416 by the following Office this APPLICATION's Application No., filing date, and Office, when known; was filed on ______ and was given Application No _____by the following Office 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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 ADDI ICATION PROMATURE -C.

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MS Docket No.: 338336.01

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);

	4/26/13
Inventor's Signature	Date
Peter Tobias Kinnebrew	
Printed Name in English	Printed Name in Native Language
	(if other than English)

l Nicholas Kamuda	ر ("ASSIGNOR") am the	original inventor or	an original ioint
inventor of subject ma	-	_	
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("APPLICATION"), which:			
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Department	Microsoft Corporation	, One Microsoft Way, I	Redmond,
Washington	98052 (ASSIGNEE'S LEC	AL REPRESENTATIVES)	, to insert
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MS Docket No.: 338336.01

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77	4/24/2013
Inventor's Signature	Date
Nicholas Kamuda	
Printed Name in English	Printed Name in Native Language (if other than English)

inventor of	subject matter (entitled "BODY-LO	"INVENTION") disclosed	inventor or an original joint and/or claimed in a patent JGMENTED REALITY OBJECTS"	
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Inventor's Signature	MAY (3, 2=13 Date
Robert Pengelly	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Lleffrey C Fond ("ΔSSI	IGNOR") am the original	inventor or an original join
inventor of subject matter (<u> </u>
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	4/19/2013
InventocsWanature	Date
Jeffrey C. Fong	
Printed Name in English	Printed Name in Native Language
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MIG	04/24/13
Inventor's Signature	Date
Aaron Woo	
Printed Name in English	Printed Name in Native Language
	(if other than English)

DATENIT	ASSIGNMENT
PALENI	ASSICINIVECINI

MS Docket No.: 338336.01

I <u>Udi</u> s	<u>(an I. Padmanahan</u>	("ASSIGNOR") am the or	riginal inventor or an origina
joint invento	or of subject mate	er ("INVENTION") disclose	d and/or claimed in a paten
application	entitled "BODY-LO	CKED PLACEMENT OF A	UGMENTED REALITY OBJECTS
("APPLICATIO	ON"), which:		
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Page 1 of 2

PATENT REEL: 036777 FRAME: 0452

MS Docket No.: 338336.01

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Inventor's Signature Udiyan I. Padmanahan	<i>05/15/2013</i> Date
Printed Name in English	Printed Name in Native Language (if other than English)

joint invento	ew Wyman MacDo or of subject matt entitled "BODY–LC DN"), which:	er ("INVENTION")	disclosed	and/or claimed	l in a patent
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	Department, Micr Washington 9805 here in parenth Application No.	representatives, o osoft Corporation 2 (ASSIGNEE'S LEC leses (filed on 13/900,416	, One Mic GAL REPRE May 22, 2 by th	trosoft Way, Red SENTATIVES), to 2013 and ne following is APPLICA	mond, insert given Office
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Inventor's Signature

Andrew Wyman MacDonald

Printed Name in English

Printed Name in Native Language
(if other than English)

I Olivi	ia M. Jan <u>ik</u> ("ASSI	GNOR") am the original	inventor or an original join
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REPRESENTA [*]	TIVES to insert tl	ne Application No., filin	g date, and Office into the
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Olivia M. Janik
Printed Name in English

Printed Name in English

Printed Name in Native Language
(if other than English)