PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3109557

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYUNGSUK DAVID LEE	10/18/2012
ALEXANDRU BALAN	10/18/2012
JEFFREY N. MARGOLIS	10/18/2012

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:	13660948

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.

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Email: USDocket@microsoft.com

Correspondent Name: ASSAL MEFTAHI

Address Line 1: ONE MICROSOFT WAY

Address Line 2: PATENT GROUP DOCKETING DEPT Address Line 4: **REDMOND, WASHINGTON 98052**

ATTORNEY DOCKET NUMBER:	336441.01
NAME OF SUBMITTER:	CATHERINE POLANCE
SIGNATURE:	/Catherine Polance/
DATE SIGNED:	11/14/2014

Total Attachments: 6

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PATENT

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PATENT REEL: 034179 FRAME: 0302

PATENT ASSIGNMENT

inventor of subject matter ("INVENTIGATION of subject matter ("INVENTIGATI	R") am the original inventor or an original joint ON") disclosed and/or claimed in a patent ETECTION" ("APPLICATION"), which: OR hereby authorizes, and requests, tatives, of the Law and Corporate Affairs reporation, One Microsoft Way, Redmond, NEE'S LEGAL REPRESENTATIVES), to insert ed on October 25, 2012 and given
	by the following
) this APPLICATION's
Application No., filing date	, and Office, when known;
was filed on	_ and was given Application
No by the	e following Office
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entire and exclusive rights, title and into	entitled to, and is desirous of acquiring, the terest in the INVENTION and the APPLICATION ents derived therefrom, such as continuing ates, its territories, and all foreign countries
REPRESENTATIVES to insert the Applie	es, and requests, ASSIGNEE'S LEGAL cation No., filing date, and Office into the RIVATIVES after they are known;
Application No. Filing Da	

Page 1 of 2

MS Docket No.: 336441.01

PATENT ASSIGNMENT

MS Docket No.: <u>336441.01</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).

David Lee	10/18/2012
Inventor's Signature	Date
Kyungsuk David Lee	<u>01 73/4</u>
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 336441.01

			riginal inventor or an origi	**
inventor of	subject matter	("INVENTION") disc	osed and/or claimed in a	ı patent
application e	entitled "PLANAR SI	URFACE DETECTION	" ("APPLICATION"), which:	
\boxtimes	will be filed.	ASSIGNOR hereby	authorizes, and request	s.
			the Law and Corporate Affai	
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	-	•	L REPRESENTATIVES), to inse	•
			October 25, 2012 and give	
	Application N			
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	was filed on	and was	given Application	
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(and all oth applications,	her applications	and patents deriv United States, its t	he INVENTION and the APPL ed therefrom, such as co erritories, and all foreign o	ntinuing
ASSIG	NOR hereby	authorizes. and	requests, ASSIGNEE'S	LEGAL
			., filing date, and Office	
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Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 336441.01

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Alex	10/18/2012	
Inventor's Signature	Date	
Alexandru Balan		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

PATENT ASSIGNMENT MS Docket No.: 336441.01

inventor of subject mattapplication entitled "PLANA will be filed ASSIGNEE'S le Department, I Washington 9 here in pare Application Office	R SURFACE DETECTION" (" I. ASSIGNOR hereby gal representatives, of the Microsoft Corporation, On 8052 (ASSIGNEE'S LEGAL In theses (filed on	ed and/or claime APPLICATION"), wh authorizes, and in a Law and Corporate Microsoft Way, R REPRESENTATIVES), atober 25, 2012 an by the fi	d in a patent ich: requests, te Affairs edmond, to insert id given following
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	and was gi		
	by the following C 	Office	
(and all other application application applications, in and for the control of th	he United States, its term S")); authorizes, and	ritories, and all fo	reign countries
following table for any APP			
Application No.	Filing Date	Office	

PATENT ASSIGNMENT

MS Docket No.: 336441.01

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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).

Jeffrey N. Margolis
Printed Name in English

Printed Name in English

(if other than English)