

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4468289

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JANI KARI TAPIO TERVO	04/19/2016
TUOMAS HEIKKI VALLIUS	04/17/2016
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15142348
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NAME OF SUBMITTER:	JONATHAN W. RICHARDS
SIGNATURE:	/Jonathan W. Richards/
DATE SIGNED:	06/20/2017
Total Attachments: 4	
source=TervoAssignment#page1.tif	
source=TervoAssignment#page2.tif	
source=ValliusAssignment#page1.tif	
source=ValliusAssignment#page2.tif	

I Jani Kari Tapio Tervo ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Robust Architecture for Large Field of View Components" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on 2016-04-29 and was given Application No. 15/142348 by the following Office "USPTO";

Microsoft Technology Licensing, LLC, a Washington limited liability company, 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"));

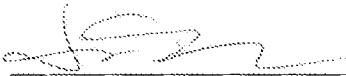
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

Application No.	Filing Date	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, and all foreign countries ("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	<u>April 19, 2016</u> _____ Date
Jani Kari Tapio Tervo _____ Printed Name in English	JANI KARI TAPIO TERVO _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 359507.01
WN Docket No.: 20844.2

I Tuomas Heikki Vallius ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Robust Architecture for Large Field of View Components" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

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<u>Tuomas Vallius</u> Inventor's Signature	<u>April 14th 2015</u> Date
<u>Tuomas Heikki Vallius</u> Printed Name in English	<u></u> Printed Name in Native Language (if other than English)