#### 504503845 08/15/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4550549

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOLGA OZGUNER	08/14/2017
MIGUEL COMPARAN	08/10/2017
CHRISTOPHER JON JOHNSON	08/15/2017
JEFFREY POWERS BRADFORD	08/11/2017

## **RECEIVING PARTY DATA**

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City:	REDMOND
State/Country:	WASHINGTON
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15676906

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	170101-010
NAME OF SUBMITTER:	ERIC M. SHELTON
SIGNATURE:	/Eric M. Shelton/
DATE SIGNED:	08/15/2017

**Total Attachments: 8** 

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> **PATENT REEL: 043295 FRAME: 0885** 504503845



PATENT REEL: 043295 FRAME: 0886

MS Docket No.: 402654-US-NP NovoTechIP Docket No.: 170101-010

I <u>Tolga OZGUNER</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>POST-RENDERING IMAGE TRANSFORMATION USING PARALLEL IMAGE TRANSFORMATION PIPELINES</u>" ("APPLICATION"), which:

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was filed on	and was gi	ven Ap <sub>l</sub>	plicat	ion	
No	by the following (	Office			
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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	<del> </del>

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"));

MS Docket No.: 402654-US-NP NovoTechIP Docket No.: 170101-010

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).

1/0/	. 8/14/2017
Inventor's Signature	Date
Tolga OZGUNER	
Printed Name in English	Printed Name in Native Language (if other than English)

No \_\_\_\_\_\_by the following Office

MS Docket No.: 402654-US-NP NovoTechIP Docket No.: 170101-010

I <u>Miguel COMPARAN</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>POST-RENDERING IMAGE TRANSFORMATION USING PARALLEL IMAGE TRANSFORMATION PIPELINES</u>" ("APPLICATION"), which:

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An	olica	tion No	filing	date, a	nd Offic	e, when	knowi	1:	

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/	
Min Dann	8/10/17
Inventor's Signature	Date
Miguel COMPARAN	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>402654-US-NP</u> NovoTechIP Docket No.: <u>170101-010</u>

inventor of sentitled "PO	ubject matter ("INVE ST-RENDERING IM	NTION") disclosed and/or	iginal inventor or an original joint claimed in a patent application USING PARALLEL IMAGE h:
	legal representative,	GNOR hereby authorizes, and Microsoft Technology Licens Washington 98052 (ASS), to insert here in and given Application Notes and Office, when known as the second	sing, LLC, One Microsoft ASSIGNEE'S LEGAL in parentheses (filed o by the) this APPLICATION's
⊠		14, 2017 and was given Appl the following Office "United	
of itself and it the entire and and the APP continuing ap foreign countr ASSIC REPRESENT	s successors and assigned a successors and assigned a successors and assigned a successor and a successive rights, title a successive rights, title a successive rights, and a successive rights, an	ns ("ASSIGNEE"), is entitled and interest, including the right other applications and pate in part, in and for the Uni DERIVATIVES")); authorizes, and request Application No., filing date, a	nited liability company, on behalf d to, and is desirous of acquiring, at of priority, in the INVENTION ents derived therefrom, such as ted States, its territories, and all ts, ASSIGNEE'S LEGAL and Office into the following table
for any APPL Application		IVES after they are known; Filing Date	Office
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W A from	8/15/2017
Inventor's Signature	Date
Christopher Jon JOHNSON	
Printed Name in English	Printed Name in Native Language (if other than English)

MS Docket No.: <u>402654-US-NP</u> NovoTechIP Docket No.: <u>170101-010</u>

I <u>Jeffrey Powers BRADFORD</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>POST-RENDERING IMAGE TRANSFORMATION USING PARALLEL IMAGE TRANSFORMATION PIPELINES</u>" ("APPLICATION"), which:

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on _	August	14, 2017	and gi	ven Appl	lication	No.	15/676,906	_ by the
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was filed on	and was given Application
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Tim	11 August 2017
Inventor's Signature	Date
Jeffrey Powers BRADFORD	
Printed Name in English	Printed Name in Native Language (if other than English)

**RECORDED: 08/15/2017**