# 504875868 04/19/2018

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4922608

SUBMISSION TYPE:	SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ŀ	ASSIGNMENT		
CONVEYING PARTY	ΔΤΑ	•			
			ame	Execution Date	
JOSHUA OWEN MILLER				04/17/2018	
UTKU BARAN				04/16/2018	
WYATT OWEN DAVIS				04/16/2018	
RECEIVING PARTY D	ΑΤΑ				
Name:	MICRO	SOFT	TECHNOLOGY LICENSING, LLC		
Street Address:	ONE MI	ICROS	OFT WAY		
City:	REDMC	DND			
State/Country:	WASHI	NGTO	N		
Postal Code:	98052				
	P. Totolu 1				
PROPERTY NUMBERS Total: 1 Property Type			Number		
		1 5 0 5 0 6	5956327		
Application Number:		159563			
Application Number:		159563	527		
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CORRESPONDENCE	DATA (	(202)85	57-6395		
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> PATENT REEL: 045582 FRAME: 0130

I Joshua Owen MILLER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES FOR REMOVING PARTICULATE FROM AN OPTICAL SURFACE" ("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 <u>April 18, 2018</u> and given Application No. <u>15/956,327</u> by the following Office <u>U.S.</u>) this APPLICATION's Application No., filing date, and Office, when known;

Was filed on \_\_\_\_ and was given Application No \_ by the following Office "\_";

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

Page 1 of 2

AFDOCS/16236616.1

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).

2100 Inventor's Signature Date Joshua Owen MILLER Printed Name in English Printed Name in Native Language (if other than English)

AFDOCS/16236616.1

Page 2 of 2

I <u>Utku BARAN</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>TECHNIQUES FOR REMOVING PARTICULATE FROM AN OPTICAL SURFACE</u>" ("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 <u>April 18, 2018</u> and given Application No. <u>15/956,327</u> by the following Office <u>U.S.</u>) this APPLICATION's Application No., filing date, and Office, when known;

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

Application No.	Filing Date	Office

AFDOCS/16236632.1

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).

04/16/2018 Inventor's Signature Date Utku BARAN Printed Name in English Printed Name in Native Language (if other than English)

I <u>Wyatt Owen DAVIS</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>TECHNIQUES FOR REMOVING PARTICULATE FROM AN</u> <u>OPTICAL SURFACE</u>" ("APPLICATION"), which:

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Application No.	Filing Date	Office

AFDOCS/16236647.1

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"));

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Inventor's Signature Date Wyatt Owen DAVIS Printed Name in English Printed Name in Native Language (if other than English)

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Page 2 of 2

### PATENT REEL: 045582 FRAME: 0136

**RECORDED: 04/19/2018**