#### 504083347 11/04/2016

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4130015

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREW MAIMONE	10/27/2016
JOEL S. KOLLIN	10/27/2016
JOSHUA OWEN MILLER	11/03/2016

#### **RECEIVING PARTY DATA**

Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15344130

#### 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.

425-707-9382 Phone:

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:	360791.01
NAME OF SUBMITTER:	VLADIMIR A. KOZYREV
SIGNATURE:	/Vladimir A. Kozyrev/
DATE SIGNED:	11/04/2016

#### **Total Attachments: 6**

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**PATENT** REEL: 040231 FRAME: 0237 504083347

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PATENT REEL: 040231 FRAME: 0238

# PATENT ASSIGNMENT MS Docket No.: 360791.01

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		"INVENTION") disclosed			
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pannen		ASSIGNOR hereby au			
6772		•	•	•	
	ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S				
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ASSIG	NOR hereby	authorizes, and re	equests, ASSIGN	EE'S LEGAL	
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following tab	le for any APPLICA	TION DERIVATIVES after	they are known;		
Application N	lo.	Filing Date	Office		
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### PATENT ASSIGNMENT

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).

An Mi	10/27/2016	
Inventor's Signature	Date	
Andrew Maimone		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

MS Docket No.: 360791.01

# PATENT ASSIGNMENT MS Docket No.: 360791.01

of subject matter ("INVENTION entitled "ADJUSTABLE SCANNED will be filed.  ASSIGNEE'S legal LLC, One Microson LEGAL REPRESENT November 4, 201 the following Office and the following Office entitled with the subject to the following of the follow	N") disclosed and/or clain BEAM PROJECTOR" ("APPLASSIGNOR hereby authore representative, Microsoft Way, Redmond, Washing ATIVES), to insert here in part of the control of	ICATION"), which: orizes, and requests, Technology Licensing, gton 98052 (ASSIGNEE'S parentheses (filed on No. 15/344,130 by) this
known;	pplication No., filing da	ate, and Office, when
	and was given	
Microsoft Technology Lie behalf of itself and its succe desirous of acquiring, the enti- right of priority, in the INVENTI patents derived therefrom, suc for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSIG re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
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Application No.	Filing Date	Office
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### PATENT ASSIGNMENT

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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Ju	p/27/2016
nventor's Signature	Date
Joel S. Kollin	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: 360791.01

	PATENT AS	SSIGNMENT	MS Docket No.:	360791.01
inventor of signification ent  Www.A L L N	ubject matter ("II itied " <u>ADJUSTABLE</u> vill be filed. / SSIGNEE'S legal r LC, One Microsoft EGAL REPRESENTA lovember 4, 2016 he following Office	SIGNOR") am the origina NVENTION") disclosed a SCANNED BEAM PROJEC ASSIGNOR hereby authoric epresentative, Microsoft Way, Redmond, Washing TIVES), to insert here in partication has	and/or claimed TOR" ("APPLICATI orizes, and reconstruction of the second	in a patent ON"), which: quests, ensing, GNEE'S I on by) this
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Application N	\$	Filing Date	Office	

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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).