503101212 12/15/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3147819

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JINGLIN SHEN	10/15/2014
NAVEEN THUMPUDI	10/15/2014
JEFFREY D. DAY	10/16/2014
YONGJUN WU	10/27/2014
SANDEEP KANUMURI	10/15/2014

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:	14515463

CORRESPONDENCE DATA

Fax Number: (216)373-3450

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ATTORNEY DOCKET NUMBER:	355584.01
NAME OF SUBMITTER:	WILLIAM J. COOPER
SIGNATURE:	/William J. Cooper/
DATE SIGNED:	12/15/2014

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PATENT REEL: 034509 FRAME: 0060

PATENT ASSIGNMENT MS Docket No.: 355584.01

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Page 1 of 2

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).

	1lusher	10/15/2014
	Inventor's Signature	Date
	Jinglin Shen	<u> </u>
	Printed Name in English	Printed Name in Native Language
ş		(if other than English)

MS Docket No.: 355584.01

i, <u>Nav</u>	<u>een Thumpudi,</u> ("AS	SIGNOR"), am the original	l inventor or an original joint	
inventor of	subject matter ("	INVENTION") disclosed a	nd/or claimed in a patent	
application entitled "VIDEO STABILIZATION" ("APPLICATION"), which:				
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MS Docket No.: <u>355584.01</u>

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MS Docket No.: 355584.01

PATENT ASSIGNMENT MS Docket No.: 355584.01

inventor of	subject matter ("		inventor or an original join and/or claimed in a paten N"), which:
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Page 1 of 2

PATENT REEL: 034509 FRAME: 0065

MS Docket No.: 355584.01

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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1	
Inventor's Signature	150ct 2a4 Date
Jeffrey D. Day	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: 355584.01

I, <u>Yongjun Wu,</u> ("ASSIG inventor of subject matter (application entitled " <u>VIDEO STA</u>	"INVENTION") disclosed	•
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ASSIGNOR hereby REPRESENTATIVES to insert t following table for any APPLICA	he Application No., filin	
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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"));

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	10/27/2014			
Inventor's Signature	Date			
Yongjun Wu	美身华			
Printed Name in English	Printed Name in Native Language			
	(if other than English)			

MS Docket No.: 355584.01

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I, Sandeep Kanumuri, ("ASSIGNOR"), am the original inventor or an original joint

Page 1 of 2

MS Docket No.: <u>355584.01</u>

MS Docket No.: <u>355584.01</u>

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K. Sul	10/15/2014		
Inventor's Signature	Date		
Sandeep Kanumuri	సంబిప్ కమయూరి		
Printed Name in English	Printed Name in Native Language		
	(if other than English)		

RECORDED: 12/15/2014