## 503085062 12/03/2014

PATENT ASSIGNMENT COVER SHEET

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ROBERT M. CRAIG							12/02/20	14
VLADIMIR TANKOVICH	ł						11/19/20-	14
CRAIG PEEPER							11/19/20	14
KETAN DALAL							11/19/20	14
BHAVEN DEDHIA							11/19/20-	14
CASEY MEEKHOF							11/19/20	14
RECEIVING PARTY DA								
Name:			ECHNOLOGY LI	CENSING,	LLC			
Street Address:	ONE M	/ICROSO	OFT WAY					
City:	REDM	OND						
<u> </u>	WASHINGTON							
State/Country:	WASH	IINGTON						
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I <u>Robert M. Craiq</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>IDENTIFICATION USING DEPTH-BASED HEAD-DETECTION DATA</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>December 3, 2014</u> and given Application No. <u>14/559,757</u> by
 the following Office \_\_\_\_\_\_) 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"));

Application No.	Filing Date	Office
13/768,144	February 15, 201:	3 USPTO

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).

	12/2/2014
Invent <del>or's Signature</del>	Date
Robert M. Craig Printed Name in English	Printed Name in Native Language (if other than English)

Page 2 of 2

I <u>Vladimir Tankovich</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>IDENTIFICATION USING DEPTH-BASED HEAD-DETECTION DATA</u>" ("APPLICATION"), which:

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Inventor's Signature Date ĽΛ АНКОЦИЧ Vladimir Tankovich Printed Name in English Printed Name in Native Language (if other than English)

I <u>Craig Peeper</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>IDENTIFICATION USING DEPTH-BASED</u> HEAD-DETECTION DATA" ("APPLICATION"), which:

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Printed Name in English	Printed Name in Native Language
Craig Peeper	
Inventor's Signature	Date
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(.)n	

I <u>Ketan Dalal</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>IDENTIFICATION USING DEPTH-BASED HEAD-DETECTION DATA</u>" ("APPLICATION"), which:

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Inventor's Signature

Date

Ketan Dalal Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2

I <u>Bhaven Dedhia</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>IDENTIFICATION USING DEPTH-BASED HEAD-DETECTION DATA</u>" ("APPLICATION"), which:

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No \_\_\_\_\_\_ by the following Office
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Application No.	Filing Date	Office
13/768,144	February 15, 2013	USPTO
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nidP	11/19/2014	
Inventor's Signature	Date	
Bhaven Dedhia	भावेन डेढिया	
Printed Name in English	Printed Name in Native Language	
	(if other than English)	

I <u>Casey Meekhof</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>IDENTIFICATION USING DEPTH-BASED HEAD-DETECTION DATA</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>December 3, 2014</u> and given Application No. <u>14/559,757</u> by the following Office \_\_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

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 ka/ Mar	11/19/2014
invantar's Signatura	Date
Casey Meekhof	
Printed Name in English	Printed Name in Native Language
	(if other than English)

Page 2 of 2

PATENT REEL: 034364 FRAME: 0690

**RECORDED: 12/03/2014**