

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2747502

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>ANTONIO CRIMINISI</td> <td>02/26/2014</td> </tr> <tr> <td>HENRIK TURBELL</td> <td>02/26/2014</td> </tr> <tr> <td>ADRIANA DUMITRAS</td> <td>02/27/2014</td> </tr> <tr> <td>PUSHMEET KOHLI</td> <td>02/26/2014</td> </tr> <tr> <td>PETER KONTSCIEDER</td> <td>02/28/2014</td> </tr> <tr> <td>JAMIE DANIEL JOSEPH SHOTTON</td> <td>02/26/2014</td> </tr> <tr> <td>DUNCAN PAUL ROBERTSON</td> <td>02/28/2014</td> </tr> <tr> <td>INDEERA MUNASINGHE</td> <td>02/27/2014</td> </tr> </tbody> </table>		Name	Execution Date	ANTONIO CRIMINISI	02/26/2014	HENRIK TURBELL	02/26/2014	ADRIANA DUMITRAS	02/27/2014	PUSHMEET KOHLI	02/26/2014	PETER KONTSCIEDER	02/28/2014	JAMIE DANIEL JOSEPH SHOTTON	02/26/2014	DUNCAN PAUL ROBERTSON	02/28/2014	INDEERA MUNASINGHE	02/27/2014
Name	Execution Date																		
ANTONIO CRIMINISI	02/26/2014																		
HENRIK TURBELL	02/26/2014																		
ADRIANA DUMITRAS	02/27/2014																		
PUSHMEET KOHLI	02/26/2014																		
PETER KONTSCIEDER	02/28/2014																		
JAMIE DANIEL JOSEPH SHOTTON	02/26/2014																		
DUNCAN PAUL ROBERTSON	02/28/2014																		
INDEERA MUNASINGHE	02/27/2014																		
<b>RECEIVING PARTY DATA</b>																			
Name:	MICROSOFT CORPORATION																		
Street Address:	ONE MICROSOFT WAY																		
City:	REDMOND																		
State/Country:	WASHINGTON																		
Postal Code:	98052																		
<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14193079</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14193079														
Property Type	Number																		
Application Number:	14193079																		
<b>CORRESPONDENCE DATA</b>																			
Fax Number:																			
Phone:	310-871-8503																		
Email:	mkey@zetelaw.com																		
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																			
Correspondent Name:	ZETE LAW, P.L.L.C.																		
Address Line 1:	12329 ANTIETAM ROAD																		
Address Line 4:	WOODBIDGE, VIRGINIA 22192																		

ATTORNEY DOCKET NUMBER:	341326.01
NAME OF SUBMITTER:	MACLANE C. KEY
Signature:	/MacLane C. Key/
Date:	02/28/2014

**Total Attachments: 16**

source=341326\_01\_Assignment\_CRIMINISI#page1.tif  
source=341326\_01\_Assignment\_CRIMINISI#page2.tif  
source=341326\_01\_Assignment\_Dumitras#page1.tif  
source=341326\_01\_Assignment\_Dumitras#page2.tif  
source=341326\_01\_Assignment\_Kohli#page1.tif  
source=341326\_01\_Assignment\_Kohli#page2.tif  
source=341326\_01\_Assignment\_Kontschieder#page1.tif  
source=341326\_01\_Assignment\_Kontschieder#page2.tif  
source=341326\_01\_Assignment\_munasinghe#page1.tif  
source=341326\_01\_Assignment\_munasinghe#page2.tif  
source=341326\_01\_Assignment\_Robertson#page1.tif  
source=341326\_01\_Assignment\_Robertson#page2.tif  
source=341326\_01\_Assignment\_Shotton#page1.tif  
source=341326\_01\_Assignment\_Shotton#page2.tif  
source=341326\_01\_Assignment\_Turbell#page1.tif  
source=341326\_01\_Assignment\_Turbell#page2.tif

PATENT ASSIGNMENT

MS Docket No.: 341326.01

I Antonio CRIMINISI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPTH SENSING USING AN RGB CAMERA" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2-28-14 and given Application No. 14/193,079 by the following Office USPTO) this APPLICATION's Application No., filing date, and Office, when known;

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

Microsoft Corporation, a Washington Corporation, 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

PATENT ASSIGNMENT

MS Docket No.: 341326.01

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"));

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).

<i>Antonio Criminisi</i>	<i>26 / 02 / 2014</i>
Inventor's Signature	Date
Antonio CRIMINISI	
Printed Name in English	Printed Name in Native Language (if other than English)

I Adriana DUMITRAS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPTH SENSING USING AN RGB CAMERA" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2-28-14 and given Application No. 14/193,079 by the following Office USPTO) this APPLICATION's Application No., filing date, and Office, when known;

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

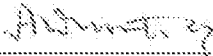
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications 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

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")):

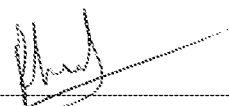
ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 Inventor's Signature	27 FEB 2014 Date
Adriana DUMITRAS Printed Name in English	ADRIANA DUMITRAS Printed Name in Native Language (if other than English)



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).

 _____ Inventor's Signature	26-02-2014 _____ Date
Pushmeet KOHLI _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)



I Peter KONTSCIEDER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPTH SENSING USING AN RGB CAMERA" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2-28-14 and given Application No. 14/193,079 by the following Office USPTO) this APPLICATION's Application No., filing date, and Office, when known;

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


Microsoft Corporation, a Washington Corporation, 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

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).

 _____ Inventor's Signature	<u>FEB 28, 2014</u> _____ Date
<u>Peter KONTSCIEDER</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 341326.01

I Indeera MUNASINGHE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPTH SENSING USING AN RGB CAMERA" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2-28-14 and given Application No. 14/193,079 by the following Office USPTO) this APPLICATION's Application No., filing date, and Office, when known;

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

Microsoft Corporation, a Washington Corporation, 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;

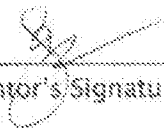
Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 341326.01

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"));

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).

 Inventor's Signature	27-02-2014 Date
Indeera MULASINCHE Printed Name in English	Printed Name in Native Language (if other than English)

I Duncan Paul ROBERTSON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPTH SENSING USING AN INFRARED CAMERA" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2-28-14 and given Application No. 14/193,079 by the following Office USPTO) this APPLICATION's Application No., filing date, and Office, when known;

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

Microsoft Corporation, a Washington Corporation, 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


PATENT ASSIGNMENT

MS Docket No.: 341261.01

--	--	--

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"));

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).

 _____ Inventor's Signature	<u>28 Feb 2014</u> _____ Date
<u>Duncan Paul ROBERTSON</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Jamie Daniel Joseph SHOTTON (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “DEPTH SENSING USING AN INFRARED CAMERA” (“APPLICATION”), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE’S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on February 28, 2014 and given Application No. 14/193,079 by the following Office US – United States Patent and Trademark 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 Corporation, a Washington Corporation, 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


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).

	<u>26/2/14</u>
Inventor's Signature	Date
<u>Jamie Daniel Joseph SHOTTON</u>	
Printed Name in English	Printed Name in Native Language (if other than English)



PATENT ASSIGNMENT

MS Docket No.: 341326.01

I Henrik TURBELL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPTH SENSING USING AN RGB CAMERA" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on 2-28-14 and given Application No. 14/193,079 by the following Office USPTO) this APPLICATION'S Application No., filing date, and Office, when known;

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

Microsoft Corporation, a Washington Corporation, 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:

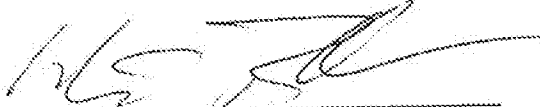
Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 341326.01

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"));

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).

	Feb 26, 2014
Inventor's Signature	Date
Henrik TURBELL	
Printed Name in English	Printed Name in Native Language (if other than English)