

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mark Thomas McCormack	11/20/2012
Raj N. Master	01/09/2013
Michael Joseph Lane	11/20/2012
Krishna Darbha	11/20/2012
Ralf Groene	02/18/2013
James Alec Ishihara	11/29/2012
Joshua James Fischer	11/20/2012
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:	13784746
CORRESPONDENCE DATA	
Fax Number:	4259367329
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 4:	Redmond, WASHINGTON 98052
ATTORNEY DOCKET NUMBER:	337327.01

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PATENT
REEL: 029947 FRAME: 0671

NAME OF SUBMITTER:

Mohammad Adil

Total Attachments: 14

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I Mark Thomas McCormack ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Graphic Formation via Material Ablation" ("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 _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

was filed on October 17, 2012 and was given Application No PCT/CN2012/083074 by the following Office "PCT";

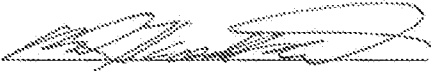
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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Application No.	Filing Date	Office
13/784746	04-MAR-2013	US Patent and Trademark 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 in the INVENTION and the APPLICATION (and 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>20-Nov-2012</u>
Inventor's Signature	Date
<u>Mark Thomas McCormack</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Raj N. Master ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Graphic Formation via Material Ablation" ("APPLICATION"), which:

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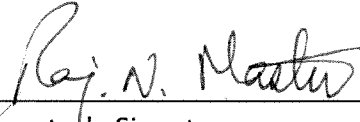
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MS Docket No.: 337327.01

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 _____ Inventor's Signature	<u>1/9/13</u> _____ Date
<u>Raj N. Master</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Michael Joseph Lane ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Graphic Formation via Material Ablation" ("APPLICATION"), which:

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<u>Michael Joseph Lane</u>	<u>11/20/2012</u>
Inventor's Signature	Date
<u>Michael Joseph Lane</u>	<u>MICHAEL JOSEPH LANE</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Krishna Darbha ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Graphic Formation via Material Ablation" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>11/20/2012</u> _____ Date
Krishna Darbha _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Ralf Groene ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Graphic Formation via Material Ablation" ("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 _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;
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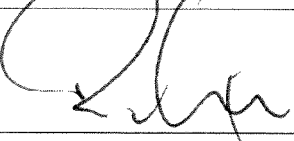
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	<u>02 / 18 / 2013</u>
Inventor's Signature	Date
<u>Ralf Groene</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I James Alec Ishihara ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Graphic Formation via Material Ablation" ("APPLICATION"), which:

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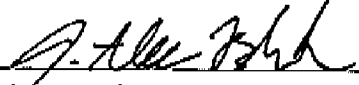
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 Inventor's Signature	<u>November 29, 2012</u> Date
<u>James Alec Ishihara</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I Joshua James Fischer ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Graphic Formation via Material Ablation" ("APPLICATION"), which:

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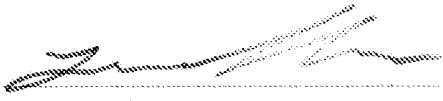
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	<u>20/11/12</u>
Inventor's Signature	Date
<u>Joshua James Fischer</u>	
Printed Name in English	Printed Name in Native Language (if other than English)