

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5820630

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the "JACOB B. DANOVITCH-TATOFF" TO JACOB G. DANOVITCH-TATOFF" AND RECEIVING PARTY CITY FROM "SEATTLE" TO "REDMOND" previously recorded on Reel 050977 Frame 0448. Assignor(s) hereby confirms the ENTIRE RIGHT, TITLE AND INTEREST.

**CONVEYING PARTY DATA**

Name	Execution Date
ALFREDO AUGUSTO MENENDEZ SANCHO	10/11/2019
ANUJA MILIND JOSHI	10/15/2019
CAROL KUMAR MEKALA	10/11/2019
HANY SALAHELDEEN KHALIL	11/01/2019
JACOB G. DANOVITCH-TATOFF	10/14/2019
JACQUELINE KAY KILLOW	10/11/2019
JOHN ALTON PRICE	10/19/2019
MALIK M. PRADHAN	11/03/2019
RICHARD SCOTT CASSAN	10/11/2019
ROBERT ROSS FENTON	10/11/2019
SUBRAMANIAN VUTTRAVADIUM VENKATA	10/11/2019

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16564612

**CORRESPONDENCE DATA**

**Fax Number:** (816)421-5547

*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.*

**Phone:** 816-474-6550

**Email:** rbroz@shb.com

**Correspondent Name:** SHOOK, HARDY & BACON LLP

**PATENT**

**Address Line 1:** 2555 GRAND BLVD.  
**Address Line 4:** KANSAS CITY, MISSOURI 64108

**ATTORNEY DOCKET NUMBER:** 28841.329015

**NAME OF SUBMITTER:** ELIZABETH A. LUCAS

**SIGNATURE:** /Elizabeth A. Lucas/

**DATE SIGNED:** 11/14/2019

**Total Attachments: 22**

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<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5812501

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the CHANGE INVENTOR NAME "JOHN ALTON PRICW" TO "JOHN ALTON PRICE" previously recorded on Reel 050927 Frame 0033. Assignor(s) hereby confirms the ENTIRE RIGHT, TITLE AND INTEREST.

**CONVEYING PARTY DATA**

Name	Execution Date
ALFREDO AUGUSTO MENENDEZ SANCHO	10/11/2019
ANUJA MILIND JOSHI	10/15/2019
CAROL KUMAR MEKALA	10/11/2019
HANY SALAHELDEEN KHALIL	11/01/2019
JACOB B. DANOVIATCH-TATOFF	10/14/2019
JACQUELINE KAY KILLOW	10/11/2019
JOHN ALTON PRICE	10/19/2019
MALIK M. PRADHAN	11/03/2019
RICHARD SCOTT CASSAN	10/11/2019
ROBERT ROSS FENTON	10/11/2019
SUBRAMANIAN VUTTRAVADIUM VENKATA	10/11/2019

**RECEIVING PARTY DATA**

<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	SEATTLE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16564612

**CORRESPONDENCE DATA****Fax Number:**

*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.*

**Phone:** 8164746550**Email:** rbroz@shb.com**Correspondent Name:** SHOOK, HARDY, AND BACON LLP**Address Line 1:** 2555 GRAND BLVD**PATENT****REEL: 051032 FRAME: 0479**

PATENT ASSIGNMENT

I Alfredo Augusto Menendez Sancho ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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 September 9, 2019 and was given Application No 16/564,612 by the following Office "US - United States Patent and Trademark 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"));

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	10/11/2019 _____ Date
<u>Alfredo Augusto Menendez Sancho</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Anuja Milind Joshi ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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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	<u>10/15/2019</u>
Inventor's Signature	Date
<u>Anuja Milind Joshi</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Carol Kumar Mekala ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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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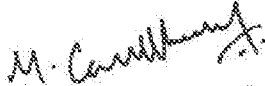
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	10/11/19
Inventor's Signature	Date
Carol Kumar Mekala	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Hany SalahEldeen Khalil ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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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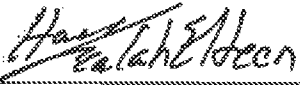
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	<u>11-01-2019</u>
Inventor's Signature	Date
<u>Hany SalahEldeen Khalil</u>	<u>هانى صلاح الدين</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Jacob G. Danovitch-Tatoff ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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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	<u>10/14/2019</u>
Inventor's Signature	Date
<u>Jacob G. Danovitch-Tatoff</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Jacqueline Kay Killow ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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 September 9, 2019 and was given Application No 16/564,612 by the following Office "US - United States Patent and Trademark Office".

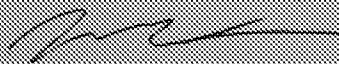
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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")):

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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).

	10/11/2019
Inventor's Signature	Date
<u>Jacqueline Kay Killow</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I John Alton Price (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “COMPOSING RICH CONTENT MESSAGES” (“APPLICATION”), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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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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




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<u><i>John Alton Price</i></u> Inventor's Signature	<u>10/19/2019</u> Date
<u>John Alton Price</u> Printed Name in English	<u></u> Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Malik M. Pradhan (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “COMPOSING RICH CONTENT MESSAGES” (“APPLICATION”), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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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<p><i>Malik Pradhan</i></p> <hr/> <p>Inventor's Signature</p>	<p>Nov 03, 2019</p> <hr/> <p>Date</p>
<p><u>Malik M. Pradhan</u></p> <hr/> <p>Printed Name in English</p>	<p>_____</p> <hr/> <p>Printed Name in Native Language (if other than English)</p>

PATENT ASSIGNMENT

I Richard Scott Cassan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108-2613 (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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	<u>Oct 11, 2019</u>
Inventor's Signature	Date
<u>Richard Scott Cassan</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Robert Ross Fenton ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "COMPOSING RICH CONTENT MESSAGES" ("APPLICATION"), which:

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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>10/11/2019</u>
Inventor's Signature	Date
<u>Robert Ross Fenton</u>	
Printed Name in English	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).

	10/11/2019
Inventor's Signature	Date
<u>Subramanian Vuttravadium Venkata</u>	
Printed Name in English	Printed Name in Native Language (if other than English)