

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6366234

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAN ZHONG LEIGH	10/08/2020
KYLE PATRICK CURLETT	10/22/2020
ANKUR LAL	10/08/2020
ZOHAIB RAUF	10/10/2020
SATHISH KUMAR VENKAT RANGAM	10/09/2020
COSMIN CATRINESCU	10/09/2020
JONATHAN SETH KAUFTHAL	10/18/2020
BRIAN DANIEL MEERSMA	10/13/2020
MAYA RODRIG	10/09/2020
HUMBERTO LEZAMA GUADARRAMA	10/09/2020
BETSY YU-PUI MCINTYRE	10/20/2020
WILLIAM DEAN SAULNIER	10/07/2020
JIUQING SONG	10/09/2020
ARNAVI MAHENDRA CHHEDA	10/12/2020
YUE MA	10/23/2020
LEEVIANA PENG GRAY	10/21/2020
BARNABAS JAMES WHITFIELD	10/21/2020
ANDREI VALENTINOVICH ZENKOVITCH	10/11/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17065416

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: 3039275211**Email:** usdocket@microsoft.com**Correspondent Name:** KATHLEEN E. OTT**Address Line 1:** 1144 15TH STREET, SUITE 3400**Address Line 2:** FAEGRE DRINKER BIDDLE & REATH LLP**Address Line 4:** DENVER, COLORADO 80202**ATTORNEY DOCKET NUMBER:** MST-0408/408913-US-NP**NAME OF SUBMITTER:** KATHLEEN E. OTT**SIGNATURE:** /Kathleen E. Ott/**DATE SIGNED:** 10/23/2020**Total Attachments: 36**

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PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Yan Zhong LEIGH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Technology Licensing, LLC, 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 United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

X was filed on October 7, 2020 and was given Application No. 17/065,416 by the following Office "United States Patent and Trademark Office";

Microsoft Technology Licensing, LLC, 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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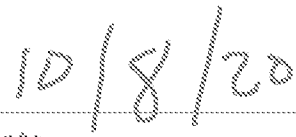
Application No.	Filing Date	Office

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

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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).

 Inventor's Signature	 Date
Yan Zhong LEIGH Printed Name in English	 Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Kyle Patrick CURLETT ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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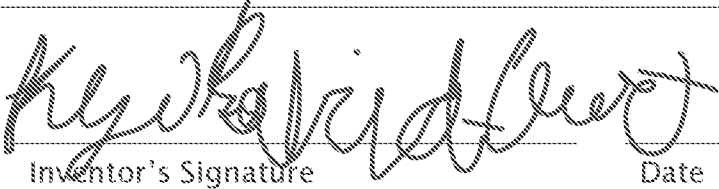
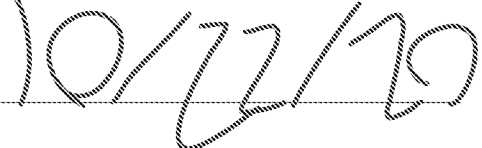
Application No.	Filing Date	Office

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

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Inventor's Signature	Date
Kyle Patrick CURLETT	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Ankur LAL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

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	10/8/2020
Inventor's Signature	Date
Ankur LAL	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Zohaib RAUF ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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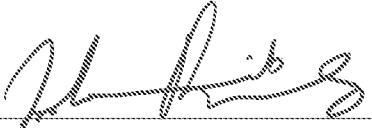
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Attorney Docket No.: 408913-US-NP

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	<u>10/10/2020</u>
_____	_____
Date	
Zohaib RAUF	
_____	_____
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Sathish Kumar Venkat RANGAM ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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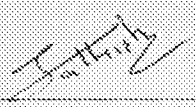
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Attorney Docket No.: 408913-US-NP

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	10/09/2020
Inventor's Signature	Date
Sathish Kumar Venkat RANGAM	SATHISH KUMAR VENKAT RANGAM
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Cosmin CATRINESCU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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	<u>10/9/2020</u>
Inventor's Signature	Date
<u>Cosmin CATRINESCU</u>	<u>COSMIN CATRINESCU</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Jonathan Seth KAUFTHAL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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Attorney Docket No.: 408913-US-NP

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	<u>10/18/20</u>
Inventor's Signature	Date
<u>Jonathan Seth KAUFTHAL</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Brian Daniel MEERSMA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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<u>Brian Meersma</u>	<u>10/13/2020</u>
Inventor's Signature	Date
<u>Brian Daniel MEERSMA</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Maya RODRIG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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 Inventor's Signature	10/9/2020 Date
Maya RODRIG Printed Name in English	מַיָּה רוֹדְרִיג Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Humberto LEZAMA GUADARRAMA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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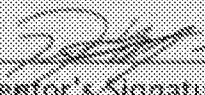
Application No.	Filing Date	Office

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

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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).

	<u>10-07-2020</u>
Inventor's Signature	Date
<u>Humberto LEZAMA GUADARRAMA</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Betsy Yu-pui MCINTYRE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Technology Licensing, LLC, 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 United States Patent and Trademark Office.) this APPLICATION's Application No., filing date, and Office, when known;

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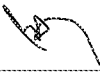
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PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

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	10/20/2020
_____ Inventor's Signature	_____ Date
Betsy Yu-pui MCINTYRE	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I William Dean SAULNIER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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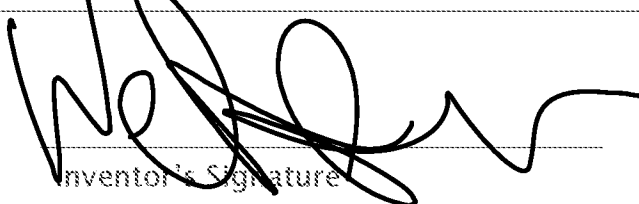
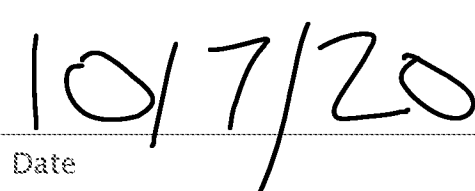
Application No.	Filing Date	Office

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

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Inventor's Signature	Date
William Dean SAULNIER	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Jing SONG ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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Application No.	Filing Date	Office

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

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	10/9/2020
Inventor's Signature	Date
Jiuqing SONG	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Arnavi Mahendra CHHEDA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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Application No.	Filing Date	Office

PATENT ASSIGNMENT

Attorney Docket No. : 408913-US-NP

I Yue MA (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “INTERACTIVE COMPONENTS FOR USER COLLABORATION” (“APPLICATION”), which:

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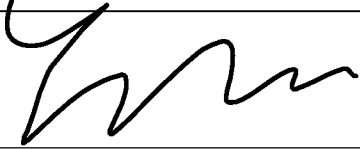
Application No.	Filing Date	Office

PATENT ASSIGNMENT

Attorney Docket No. : 408913-US-NP

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	10/23/2020
_____ Inventor's Signature	_____ Date
Yue MA _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Leeviana Peng GRAY ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Technology Licensing, LLC, 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 United States Patent and Trademark Office.) this APPLICATION's Application No., filing date, and Office, when known;

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Lee Gray

Inventor's Signature

10/21/20

Date

LeeViana Peng GRAY

Printed Name in English

~~LeeViana Peng~~

Printed Name in Native Language
(if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Barnabas James WHITFIELD ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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Attorney Docket No.: 408913-US-NP

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<u>Barnabas James Whitfield</u>	<u>10/21/20</u>
Inventor's Signature	Date
<u>Barnabas James WHITFIELD</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

Attorney Docket No.: 408913-US-NP

I Andrei Valentinovich ZENKOVITCH ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INTERACTIVE COMPONENTS FOR USER COLLABORATION" ("APPLICATION"), which:

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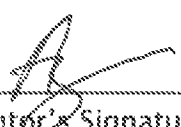
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 Inventor's Signature	10/11/2020 Date
Andrei Valentinovich ZENKOVITCH Printed Name in English	АНДРЕЙ ВАЛЕНТИНОВИЧ ЗЕНКОВИЧ Printed Name in Native Language (if other than English)