

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
VIPINDEEP VANGALA	01/27/2016
NIRAV ASHWIN KAMDAR	01/28/2016
RAVIKIRAN ARUN ARANKE	01/28/2016
KURUMADDALI VENKATA MADHU SRAVANTH	01/28/2016
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16925606
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DATE SIGNED:	07/22/2020
Total Attachments: 8	
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source=MFCP_344480_Executed_Assignment_SRAVANTH#page2.tif
source=MFCP_344480_Executed_Assignment_VANGALA#page1.tif
source=MFCP_344480_Executed_Assignment_VANGALA#page2.tif

PATENT ASSIGNMENT

I, RAVIKIRAN ARUN ARANKE ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PERSONALIZED CONTEXTUAL SUGGESTION ENGINE" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with Customer Number 45809 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ 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 April 29, 2015 and was given Application No. 2195/CHE/2015 by the following Office "Indian Patent Office";

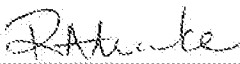
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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
15/005,645	01/25/2016	USPTO

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></u>	<u>28/JAN/2016</u>
Inventor's Signature	Date
<u>RAVIKIRAN ARANKE</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, NIRAV ASHWIN KAMDAR ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "**PERSONALIZED CONTEXTUAL SUGGESTION ENGINE**" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with Customer Number 45809 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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	<u>Jan 28th, 2016</u>
Inventor's Signature	Date
<u>NIRAV KAMDAR</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Kurumaddali Venkata Madhu Sravanth ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PERSONALIZED CONTEXTUAL SUGGESTION ENGINE" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives, of Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108, who are associated with Customer Number 45809 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on _____ and given Application No. _____ by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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<u>K. Sraavanth</u>	<u>28/01/2016</u>
Inventor's Signature	Date
<u>KURUMADDALI VENKATA MADHU SRAVANTH</u>	<u>కురుమద్దాలి వెంకట మధు శ్రవంత్</u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, VIPINDEEP VANGALA ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PERSONALIZED CONTEXTUAL SUGGESTION ENGINE" ("APPLICATION"), which:

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	27 th JAN, 2016
Inventor's Signature	Date
VIPINDEEP VANSALA	విపిన్ డీప్ వంశాల
Printed Name in English	Printed Name in Native Language (if other than English)