

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5095391

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PAYAL BAJAJ	05/25/2018
GEARARD BOLAND	08/09/2018
ANSHUL GUPTA	05/21/2018
MATTHEW GLENN JIN	08/08/2018
EDUARDO ENRIQUE NORIEGA DE ARMAS	08/08/2018
JASON SHAVER	05/31/2018
NEELAKANTAN SUNDARESAN	05/30/2018
ROSHANAK ZILOUCHIAN MOGHADDAM	05/21/2018
<b>RECEIVING PARTY DATA</b>	
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16101520
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	USDOCKET@MICROSOFT.COM
<b>Correspondent Name:</b>	MICROSOFT CORPORATION
<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	403889-US-NP
<b>NAME OF SUBMITTER:</b>	CLARE HARTNETT
<b>SIGNATURE:</b>	/CLARE HARTNETT/
<b>DATE SIGNED:</b>	08/13/2018

**Total Attachments: 16**

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## PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

I Payal BAJAJ ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION GENERATION USING DEEP LEARNING" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, 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 US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

☒ was filed on January 21, 2018 and was given Application No. 62/619,804 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
16/101,520	8-12-2018	US

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

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).

	05/25/2018
Inventor's Signature	Date
Payal BAJAJ	
Printed Name in English	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-NP

I Gearard BOLAND ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION AND PAIR GENERATION USING MACHINE LEARNING" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on August 12, 2018 and given Application No. 16/101,520 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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Inventor's Signature	Date
Gearard BOLAND	
Printed Name in English	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

I Anshul GUPTA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION GENERATION USING DEEP LEARNING" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, 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 US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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16/101,520	8-12-2018	US

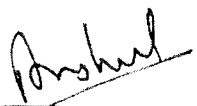
# PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

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	05/21/2018
Inventor's Signature	Date
Anshul GUPTA	
Printed Name in English	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-NP

I Matthew Glenn JIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION AND PAIR GENERATION USING MACHINE LEARNING" ("APPLICATION"), which:

☒ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on August 12, 2018 and given Application No. 16/101,520 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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MS Docket No.: 403889-US-NP

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 Inventor's Signature	<u>8/8/18</u> Date
Matthew Glenn Jin Printed Name in English	 Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-NP

I Eduardo Enrique NORIEGA DE ARMES ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION AND PAIR GENERATION USING MACHINE LEARNING" ("APPLICATION"), which:

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PATENT ASSIGNMENT

MS Docket No.: 403889-US-NP

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<u>Eduardo Enrique Noriega de Armas</u> Inventor's Signature	<u>8/8/2018</u> Date
Eduardo Enrique NORIEGA DE ARMAS Printed Name in English	 Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

I Jason SHAVER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION GENERATION USING DEEP LEARNING" ("APPLICATION"), which:

☐ will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, 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 US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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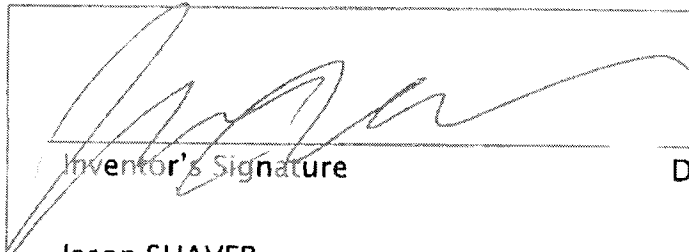
Application No.	Filing Date	Office
16/101,520	8-12-2018	US

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

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 Inventor's Signature	5-31-18 Date
Jason SHAVER Printed Name in English	Jason R. Shaver Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

I Neelakantan SUNDARESAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION GENERATION USING DEEP LEARNING" ("APPLICATION"), which:

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	05   30   2018
Inventor's Signature	Date
Neelakantan SUNDARESAN	
Printed Name in English	Printed Name in Native Language (if other than English)

# PATENT ASSIGNMENT

MS Docket No.: 403889-US-PSP

I Roshanak Zilouchian MOGHADDAM ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "QUESTION GENERATION USING DEEP LEARNING" ("APPLICATION"), which:

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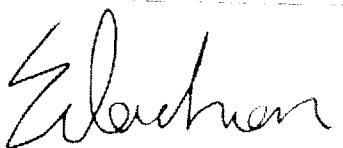
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	5/21/2018
Inventor's Signature	Date
Roshanak Zilouchian MOGHADDAM	روشنک زیلوچیان مقدم
Printed Name in English	Printed Name in Native Language (if other than English)