# 503461151 09/01/2015

# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| RUHI SARIKAYA      | 08/31/2015     |
| PAUL ANTHONY CROOK | 08/29/2015     |

#### **RECEIVING PARTY DATA**

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| City:           | REDMOND                             |  |
| State/Country:  | WASHINGTON                          |  |
| Postal Code:    | 98052                               |  |

# **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |  |
|---------------------|----------|--|
| Application Number: | 14841156 |  |

#### **CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: | 14917.2643US01/357911.01 |
|-------------------------|--------------------------|
| NAME OF SUBMITTER:      | JASON E. BECKER          |
| SIGNATURE:              | /Jason E. Becker/        |
| DATE SIGNED:            | 09/01/2015               |

#### **Total Attachments: 4**

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PATENT 503461151 REEL: 036465 FRAME: 0742

# PATENT ASSIGNMENT MS Docket No.: 357911.01

| I <u>Ruh</u>  | <u>i Sarikaya</u> ("ASSIO   | GNOR") am the original      | inventor or an original joint    |  |
|---------------|---|-----------------------------|----------------------------------|--|
| inventor of   | subject matter  | ("INVENTION") disclosed     | and/or claimed in a patent       |  |
| application   | entitled "GENERA  | ATION AND APPLICATION       | I OF UNIVERSAL LANGUAGE          |  |
| MODEL" ("AP   | PLICATION"), whic   | h:                          |                                  |  |
|               |   |                             |                                  |  |
| $\boxtimes$   | will be filed.  | ASSIGNOR hereby auth        | orizes, and requests,            |  |
|               | ASSIGNEE'S legal  | representative, Microsoft   | Technology Licensing.            |  |
|               |   | oft Way, Redmond, Washing   | 3,                               |  |
|               | •   | ITATIVES), to insert here   | •                                |  |
|               |   | and                         | given Application                |  |
|               |   |                             |                                  |  |
|               | No by the following Office <u>US - United States</u> <u>Patent and Trademark Office</u> ) this APPLICATION's Application No., |                             |                                  |  |
|               |   | Office, when known;         |                                  |  |
|               |   | ,                           |                                  |  |
|               | was filed on  | and was given               | Application                      |  |
|               | No  | by the following Office     | e                                |  |
|               |   | ".<br>".                    | _                                |  |
|               |   | ,                           |                                  |  |
| Micro         | soft Technology L   | icensing, LLC, a Washingto  | n limited liability company, on  |  |
|               | <del>-</del> ·  |                             | GNEE"), is entitled to, and is   |  |
|               |   |                             | itle and interest, including the |  |
|               | •   | <del>-</del>                | (and all other applications and  |  |
| -             | • *   |                             | ons, in whole or in part, in and |  |
| •             |   | <del>-</del>                | ign countries ("APPLICATION      |  |
| DERIVATIVES   |   | territories, und un fore    | ight countries (All EleAtion     |  |
| DERIVATIVES   | , ,,,   |                             |                                  |  |
| ASSIC         | NOR hereby  | authorizes, and requ        | uests, ASSIGNEE'S LEGAL          |  |
|               | •   | •                           | g date, and Office into the      |  |
|               |   | ATION DERIVATIVES after the |                                  |  |
| Tollowing tax | HE TOT ATTY AFFLICA   | ATION DERIVATIVES after th  | ney are known,                   |  |
| Application N | No.   | Filing Date                 | Office                           |  |
| Application N | NO.   | Filing Date                 | Office                           |  |
|               |   |                             |                                  |  |
|               |   |                             |                                  |  |
|               |   |                             |                                  |  |
|               |   |                             |                                  |  |

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# PATENT ASSIGNMENT

MS Docket No.: <u>357911.01</u>

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).

Aventor's/Signatyre

Date

Ruhi Sarikaya

Printed Name in English

Kun/ Sarikaya
Printed Name in Native I ----

Printed Name in Native Language

(if other than English)

# PATENT ASSIGNMENT

inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "GENERATION AND APPLICATION OF UNIVERSAL LANGUAGE MODEL" ("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 aiven on and Application 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 \_\_\_\_\_ and was given Application No \_\_\_\_\_ by the following 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

I Paul Anthony Crook ("ASSIGNOR") am the original inventor or an original joint

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MS Docket No.: 357911.01

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MS Docket No.: <u>357911.01</u>

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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).

| after                   | 8/29/2015   |  |
|-------------------------|---|--|
| Inventor's signature    | Date  |  |
| Paul Anthony Crook      |   |  |
| Printed Name in English | Printed Name in Native Language (if other than English) |  |

**RECORDED: 09/01/2015**