

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4421508

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|---|-------------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>   |                                     |
| <b>Name</b>   | <b>Execution Date</b>               |
| SAMUEL B. ANSON   | 04/17/2017                          |
| STUART H. DWYER   | 04/16/2017                          |
| SHOO-JIUN WANG  | 04/16/2017                          |
| <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>                       |
| <b>Application Number:</b>  | 15490405                            |
| <b>CORRESPONDENCE DATA</b>  |                                     |
| <b>Fax Number:</b>  | (816)421-5547                       |
| <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>Phone:</b>   | 816-474-6550                        |
| <b>Email:</b>   | rebrown@shb.com                     |
| <b>Correspondent Name:</b>  | SHOOK, HARDY & BACON L.L.P.         |
| <b>Address Line 1:</b>  | 2555 GRAND BLVD.                    |
| <b>Address Line 2:</b>  | INTELLECTUAL PROPERTY DEPARTMENT    |
| <b>Address Line 4:</b>  | KANSAS CITY, MISSOURI 64108         |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 401037-US-NP/MFCP.266840            |
| <b>NAME OF SUBMITTER:</b>   | MOLLIE M. SMITH                     |
| <b>SIGNATURE:</b>   | /MOLLIE M. SMITH/                   |
| <b>DATE SIGNED:</b>   | 05/18/2017                          |
| <b>Total Attachments: 6</b>   |                                     |
| source=EXECUTED_Anson_Assignment_f#page1.tif  |                                     |
| source=EXECUTED_Anson_Assignment_f#page2.tif  |                                     |
| source=EXECUTED_Stuart_H_Dwyer_Assignment_f#page1.tif   |                                     |

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source=EXECUTED\_Wang\_Assignment\_NP#page2.tif

PATENT ASSIGNMENT

I SAMUEL B. ANSON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "PASSING A TRUSTED TRANSACTION SIGNAL" ("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 January 25, 2017 and was given Application No. 62/450,424 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"));

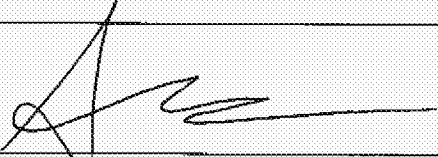
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

| Application No. | Filing Date | Office                                    |
|-----------------|-------------|---|
| 15/490,405      | 2017-04-18  | United States Patent and Trademark Office |
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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).

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| <br>_____<br>Inventor's Signature | 04/17/17<br>_____<br>Date  |
| SAMUEL B. ANSON<br>_____<br>Printed Name in English  | Samuel B. Anson<br>_____<br>Printed Name in Native Language<br>(if other than English) |

PATENT ASSIGNMENT

I STUART H. DWYER (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “PASSING A TRUSTED TRANSACTION SIGNAL” (“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 January 25, 2017 and was given Application No. 62/450,424 by the following Office “US – United States Patent and Trademark Office”;

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| <br>Inventor's Signature | 4/16/17<br>Date  |
| STUART H. DWYER<br>Printed Name in English  | Printed Name in Native Language<br>(if other than English) |

PATENT ASSIGNMENT

I SHOO-JIUN WANG (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “PASSING A TRUSTED TRANSACTION SIGNAL” (“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 April 18, 2017 and given Application No. 15/490,405 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”));

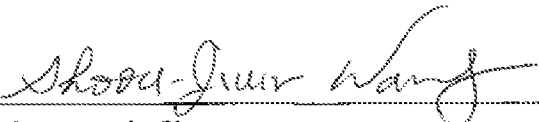
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|   |  |
|---|--|
|  | <u>4/16/2017</u>   |
| Inventor's Signature  | Date   |
| <u>SHOOU-JIUN WANG</u>  |  |
| Printed Name in English   | Printed Name in Native Language<br>(if other than English) |