PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3810777

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| HENG HUANG | 06/12/2014 |
| DUANE MARTIN EVANS | 06/13/2014 |
| YI HE | 06/13/2014 |
| GENE ROBERT OBIE | 06/12/2014 |

RECEIVING PARTY DATA

| Name: | MICROSOFT CORPORATION |
|-----------------|-----------------------|
| Street Address: | ONE MICROSOFT WAY |
| City: | REDMOND |
| State/Country: | WASHINGTON |
| Postal Code: | 98052 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15087739 |

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.

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Email: usdocket@microsoft.com

Correspondent Name: WOLFE-SBMC

Address Line 1: 601 W. MAIN AVENUE

Address Line 2: SUITE 1300

Address Line 4: SPOKANE, WASHINGTON 99201

| ATTORNEY DOCKET NUMBER: | 355256.03 |
|-------------------------|------------------------------|
| NAME OF SUBMITTER: | DANIEL T. MCGINNITY |
| SIGNATURE: | /Daniel T. McGinnity,#55444/ |
| DATE SIGNED: | 03/31/2016 |

Total Attachments: 8

source=355256.03 Assignments (Filed 3.31.16)#page1.tif source=355256.03 Assignments (Filed 3.31.16)#page2.tif

PATENT 503764130 REEL: 038165 FRAME: 0490

PATENT REEL: 038165 FRAME: 0491

I <u>Heng Huang</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Reversible Connector for Accessory Devices" ("APPLICATION"), which:

| X | will | be | filed. | ASSIGNOR | hereby | authorizes, | and | reque | sts, |
|---|-------|-------|-----------|---------------|-------------------|-----------------|--------|-----------|----------------|
| | ASSI | GNEI | E'S legal | representati | ves, of th | ne Law and C | orpor | ate Aff | airs |
| | Depa | artm | ent, Mic | rosoft Corpo | ration, O | ne Microsoft | Way, | Redmo | nd, |
| | Wasl | ningt | ton 9805 | 2 (ASSIGNEE | 'S LEGAL | REPRESENTA | TIVES |), to ins | sert |
| | here | in | parenthe | eses (filed o | n 0 <u>6/13/1</u> | 4 and given | Applio | cation | No. 14/304,174 |
| | by th | ne fo | llowing | Office | U | <u>S</u> | | | this |
| | APPL | -ICA | ΓΙΟΝ's A | pplication No | o., filing c | late, and Offic | ce, wh | en kno | wn; |
| | | | | | | | | | |
| | was | filed | on a | and was give | n Applica | ıtion No k | y the | followi | ing |
| | Offic | e "_ | , | | | | | | |

MS Docket No.: <u>355256.01</u>

Microsoft Corporation, 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, 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 |
|----------------------------|----------------|--------|
| Application No. 15/087,739 | March 31, 2016 | USPTO |
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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).

| Inventor's Signature | 6/12/14 Date |
|-------------------------|---------------------------------|
| Heng Huang | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

I <u>Duane Martin Evans</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Reversible Connector for Accessory Devices</u>" ("APPLICATION"), which:

| \times | will | be | filed. | ASSIGNOR | hereby | authorize | s, and | requests, |
|----------|-------|-------|--|-----------------|------------------|-----------------|----------------|--------------|
| | ASSI | GNE | E'S legal | representati | ves, of th | ne Law and | Corpor | ate Affairs |
| | Depa | artm | ent, Micı | rosoft Corpo | ration, O | ne Microso | oft Way, | Redmond, |
| | Wasl | hing | ton 9805 | 2 (ASSIGNEE | 'S LEGAL | REPRESEN | TATIVES |), to insert |
| | here | in | parenth | eses (filed | on <u>06/1</u> 2 | <u>3/14</u> and | given <i>A</i> | application |
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| | this | APP | LICATION | N's Application | on No., f | filing date, | and Of | fice, when |
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| | was | filed | on a | and was give | n Applica | ition No | _ by the | following |
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| 211/ | 13 JUNE 2014 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| _Duane Martin Evans | |
| Printed Name in English | Printed Name in Native Language |
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| | Dep | artm | ent, Mic | rosoft Corpo | ration, O | ne Microsoft | Way, | Redmo | nd, |
| | Was | hingt | ton 980! | 2 (ASSIGNEE | 'S LEGAL | REPRESENTA | TIVES |), to ins | ert |
| | here | in | parenth | eses (filed o | n 0 <u>6/13/1</u> | 4 and given | Applio | cation | No. 14/304,174 |
| | by tl | ne fo | llowing | Office | US | <u> </u> | |) t | his |
| | APPI | _ICA | ΓΙΟΝ's A | pplication No | o., filing c | late, and Offic | ce, wh | en knov | wn; |
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| | was | filed | on | and was give | n Applica | ition No k | y the | followi | ng |
| | Offic | ce "_ | ". | | | | | | |

MS Docket No.: <u>355256.01</u>

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MS Docket No.: 355256.01

PATENT ASSIGNMENT

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| | 6/13/2014 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Yi He | 何怡 |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

I <u>Gene Robert Obie</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>Reversible Connector for Accessory Devices</u>" ("APPLICATION"), which:

| \times | will | be | filed. | ASSIGN | OR h | ereby | autho | rizes, | and | reques | ts, |
|----------|-------|-------|-----------|-----------|----------|----------|----------------|--------|-------|------------|-----|
| | ASSI | GNE | E'S legal | represer | itatives | s, of th | ne Law | and C | orpor | ate Affai | irs |
| | Depa | artm | ent, Micr | osoft Co | rporat | ion, O | ne Mic | rosoft | Way, | Redmon | ıd, |
| | Wasl | ning | ton 9805 | 2 (ASSIG | NEE'S | LEGAL | REPRES | SENTA | TIVES |), to inse | ert |
| | here | in | parenth | eses (fil | ed on | 06/13 | <u>3/14</u> aı | nd giv | ven A | pplication | on |
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Inventor's Signature

Gene Robert Obie

Printed Name in English

6/12/2814

Date

Printed Name in Native Language

(if other than English)