503013594 10/09/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3060194

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| STEPHEN LATTA | 01/26/2012 |
| KEVIN GEISNER | 01/30/2012 |
| BRIAN MOUNT | 01/27/2012 |
| DANIEL MCCULLOCH | 01/27/2012 |
| CAMERON BROWN | 01/26/2012 |
| JEFFREY ALAN KOHLER | 01/26/2012 |
| WEI ZHANG | 01/26/2012 |
| RYAN HASTINGS | 01/26/2012 |
| DARREN BENNETT | 01/26/2012 |
| IAN MCINTYRE | 01/26/2012 |

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: | 13362783 |

CORRESPONDENCE DATA

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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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334696.01 ATTORNEY DOCKET NUMBER:

REEL: 033926 FRAME: 0287 503013594

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| NAME OF SUBMITTER: VLADIMIR A. KOZYREV | | | |
|--------------------------------------------|--|--|--|
| SIGNATURE: /Vladimir A. Kozyrev/ | | | |
| DATE SIGNED: 10/09/2014 | | | |
| Total Attachments: 4 | | | |
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| source=334696-01-Exe-Assignments#page4.tif | | | |

PATENT REEL: 033926 FRAME: 0288

PATENT ASSIGNMENT

I/WE, Stephen Latta. Kevin Geisner, Brian Mount, Daniel McCulloch, Cameron Brown, Jeffrey Alan Kohler, Wei Zhang, Ryan Hastings, Darren Bennett, and Ian McIntyre

MS Docket No.: 334696.01

| | 1€ |
|-----------------------------------------------------------------------------------|----|
| ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed | in |
| a patent application entitled "MATCHING PHYSICAL LOCATIONS FOR SHARED VIRTUAL | ۵L |
| EXPERIENCE" ("APPLICATION"), which: | |

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|---|-------------------------------------------------------------------------|--------------------------------------------------|----------------|------------------------------|---------------|
| X | will be filed without this | executed PA | ATENT . | ASSIGNMENT. | ASSICNOR |
| | hereby authorizes, and i | equests, ASS | IGNEE'S | legal represe | ntatives, of |
| | the Law and Corporate A | fairs Departn | nent, M | icrosoft Corpo | ration, One |
| | Microsoft Way, Redmond | Washington | 98052, | who are asso | ciated with |
| | customer number <u>6931</u> No. ^{13/362,783} filed Jan. 31, | <u>3</u> , to insert ²⁰¹² this APP | here in | parenthesis N's Annlicati | (Application |
| | filing date, when known; | COMMERCIAL PARTIES S. C.S. B. | 2.14.15 11 14. | ara apprease | wii isw. Kiiw |
| | | and was giver | n Annlic | ation No | |

| [| was filed | on | and wa | s given | Application | No; |
|--------|-----------|----|--------|---------|-------------|-----|
| ponnoç | | | | | | |

is filed concurrently herewith;

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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

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, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and 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).

| MANUE | 1/26/12 |
|-------------------------|---------------------------------------------------------|
| Inventor's Signature | Date |
| Stephen Latta | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 334696.01

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| Van A | 1/30/12 |
| Inventor's Signature | Date |
| | |
| Kevin Geisner | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
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| Uffn | 1/27/12 |
| Anventor's Signature | Date |
| Brian Mount | |
| Printed Name in English | Printed Name in Native Language (If other than English) |
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| 1 law | 1/27/12 |
| Inventor's Signature | Date |
| Daniel McCulloch | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| 7,0000000.1.1.1 | |
| Cameron Gran | 1/26/2012 |
| Inventor's Signature | Date |
| Cameron Brown | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 334696.01

| Inventor's Signature Jeffrey Alan Kohler Printed Name in English | Date Printed Name in Native Language (if other than English) |
|--------------------------------------------------------------------|------------------------------------------------------------------|
| | |
| Inventor's Signature | 1/26/12 Date |
| Wei Zhang Printed Name in English | 疾屿 Printed Name in Native Language (if other than English) |
| Inventor's Signature Ryan Hastings | 1/26/12 Date |
| Printed Name in English | Printed Name in Native Language (if other than English) |
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| Inventor's Signature Darren Bennett | 1/26/1Z Date |
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PATENT ASSIGNMENT MS Docket No.: 334696.01

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| Inventor's Signature | |
| lan McIntyre | |
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