503663177 01/25/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3709811

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| JOSHUA O. MILLER | 01/22/2016 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15005696 |

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| ATTORNEY DOCKET NUMBER: | 357234.02 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | VLADIMIR A. KOZYREV |
| SIGNATURE: | /Vladimir A. Kozyrev/ |
| DATE SIGNED: | 01/25/2016 |

Total Attachments: 2

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PATENT 503663177 REEL: 037575 FRAME: 0957

PATENT ASSIGNMENT

MS Docket No.: <u>357234.02</u>

I <u>Joshua O. Miller</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>GAME CONTROLLER FUNCTION REMAPPING VIA EXTERNAL ACCESSORY</u>" ("APPLICATION"), which:

| X | 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 January 25, 2016 and given Application No. 15/005,696 by the following Office |
| | 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. | 1 | 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

MS Docket No.: 357234.02

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).

| Ju-andle | 1/22/16 |
|-------------------------|--|
| Inventor's Signature | Date |
| Joshua O. Miller | |
| Printed Name in English | Printed Name in Native Language (if other than English) |