503587986 11/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3634616

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| JARON LANIER | 11/23/2015 |
| SCOTT LERNER | 11/23/2015 |
| JOEL S. KOLLIN | 11/23/2015 |
| ANDREW MAIMONE | 11/23/2015 |
| JOSH HUDMAN | 11/23/2015 |

RECEIVING PARTY DATA

| Name: | MICROSOFT TECHNOLOGY LICENSING, LLC |
|-----------------|-------------------------------------|
| Street Address: | ONE MICROSOFT WAY |
| City: | REDMOND |
| State/Country: | WASHINGTON |
| Postal Code: | 98052 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14953600 |

CORRESPONDENCE DATA

Fax Number: (509)323-8979

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.

Phone: 509-324-9256

Email: saybram@leehayes.com
Correspondent Name: LEE & HAYES, PLLC

Address Line 1: 601 W. RIVERSIDE AVENUE

Address Line 2: SUITE 1400

Address Line 4: SPOKANE, WASHINGTON 99201

| ATTORNEY DOCKET NUMBER: | MS1-6320US |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | SAYBRA MORRIS |
| SIGNATURE: | /Saybra Morris/ |
| DATE SIGNED: | 11/30/2015 |
| | • |

Total Attachments: 10

PATENT REEL: 037164 FRAME: 0407

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PATENT REEL: 037164 FRAME: 0408

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 |
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MS Docket No.: 358476.01

Attorney Docket No.: MS1- 6320US

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"));

| <u></u> | 11/23/2015 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Jaron Lanier | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

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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REEL: 037164 FRAME: 0412

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| Q | 11/23/15 |
|-------------------------|---|
| Inventor's Signature | Date |
| Joel S. Kollin | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

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| American Marine | 11/23/2015 |
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| Inventor's Signature | Date |
| Andrew Maimone | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

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RECORDED: 11/30/2015

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| Ju Him | 11/23/2015 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Josh Hudman | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |