PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6127668

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| DEVIN LESLIE CARRAWAY | 05/26/2020 |
| DAN REUBEN WEISMAN | 05/26/2020 |
| ROB MARTIN NEIR | 05/27/2020 |
| MICHAEL GRODIN | 05/27/2020 |
| MERA BELAY TEGENE | 05/28/2020 |

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: | 16886498 |

CORRESPONDENCE DATA

Fax Number: (801)532-7543

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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Correspondent Name: RAY QUINNEY & NEBEKER Address Line 1: 36 SOUTH STATE STREET

Address Line 2: SUITE 1400

Address Line 4: SALT LAKE CITY, UTAH 84111

| Total Attachments, 10 | |
|-------------------------|----------------------------------|
| DATE SIGNED: | 05/28/2020 |
| SIGNATURE: | /James S. Bullough, Reg.# 65352/ |
| NAME OF SUBMITTER: | JAMES S. BULLOUGH |
| ATTORNEY DOCKET NUMBER: | 408359-US-NP |

Total Attachments: 10

PATENT REEL: 052781 FRAME: 0122



PATENT REEL: 052781 FRAME: 0123

PATENT ASSIGNMENT

MS Docket No.: 408359-US-NP

I <u>Devin Leslie CARRAWAY</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>ADJUDICATING FAULT IN A VIRTUAL SIMULATION ENVIRONMENT</u>" ("APPLICATION"), which:

| | will be filed some |
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| ,,,,,,, | will be filed. ASSIGNOR hereby authorizes, and requests |
| | ASSIGNEE'S legal representative, Microsoft Technology Licensing |
| | LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S |
| | LLUME REPRESENTATIVES), to insert bare in appointment (CI) |
| | on May 28, 2020 and given Application |
| | No. 16/886, 498 by the following Office US - United States |
| | Patent and Trademark Office) this APPLICATION's Application No., |
| | filing date, and Office, when known; |
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| | by the following Office |
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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 | ******* |
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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

Devin Leslie CARRAWAY

Printed Name in English

Printed Name in Native Language

(if other than English)

PATENT ASSIGNMENT

MS Docket No.: 408359-US-NP

I <u>Dan Reuben WEISMAN</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>ADJUDICATING FAULT IN A VIRTUAL SIMULATION ENVIRONMENT</u>" ("APPLICATION"), which:

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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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| Application No. | Filing Date | Office |
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Inventor's Signature

Dan Reuben WEISMAN

Printed Name in English

Printed Name in Native Language
(if other than English)

PATENT ASSIGNMENT MS Docket No.: 408359-US-NP

| inventor of su | artin NEIR ("ASSIGNOR") am ibject matter ("INVENTION") itled " <u>ADJUDICATING FAULT II</u>), which: | disclosed and/or claime | d in a patent |
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| AS LL: LE on No Pa | ill be filed. ASSIGNOR has SIGNEE'S legal representative. C, One Microsoft Way, Redmontant Representatives, to May 28, 2020 by the following date, and Office, when kning date, and Office, and Offi | e, Microsoft Technology Lond, Washington 98052 (AS insert here in parenthes and given Ap Ilowing Office <u>US – Unite</u> his APPLICATION's Applica | icensing, SSIGNEE'S ses (filed oplication ed States |
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| behalf of itself desirous of acq right of priority patents derived | t Technology Licensing, LLC, fand its successors and assignification, the entire and exclust, in the INVENTION and the All therefrom, such as continuity of States, its territories, are | signs ("ASSIGNEE"), is ent ive rights, title and interes PPLICATION (and all other a ng applications, in whole o | itled to, and is st, including the applications and r in part, in and |
| REPRESENTATIV | OR hereby authorizes, /ES to insert the Applicatio for any APPLICATION DERIVA | n No., filing date, and | Office into the |
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| 183 | 05/27/2020 |
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| Inventor's Signature | Date |
| Rob Martin NEIR | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT

| inventor of | subject matter (intitled " <u>ADJUDICA</u> | "INVENTION") disclosed | inventor or an original joint and/or claimed in a patent L SIMULATION ENVIRONMENT" |
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| | ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT On May 28 No. 16/886,49 Patent and Trade | ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and and leading Office, when known; | Technology Licensing, pton 98052 (ASSIGNEE'S in parentheses (filed given Application ice US – United States |
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| behalf of its desirous of a right of prior patents deriv | elf and its succe acquiring, the enti ity, in the INVENTI red therefrom, suc ted States, its t | ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio | n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and ign countries ("APPLICATION |
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Page 1 of 2

MS Docket No.: 408359-US-NP

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| Inventor's Signature | $\frac{3/2/20}{\text{Date}}$ |
| Michael GRODIN | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 408359-US-NP

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| | ASSIGNEE'S legal | representative, Micro | soft Technology Licer | nsing, |
| | LLC, One Microso | ft Way, Redmond, Was | hington 98052 (ASSIG | NEE'S |
| | LEGAL REPRESEN | TATIVES), to insert 1 | nere in parentheses | (filed |
| | on May 2 | 8, 2020 and | given Applio | cation |
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| PATENT ASSIGNMENT | MS Docket No.: | 408359-US-NP |
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| Mera Belay TEGENE | |
| Printed Name in English | Printed Name in Native Language |
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RECORDED: 05/28/2020