## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5713805

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

#### **CONVEYING PARTY DATA**

| Name                   | Execution Date |
|------------------------|----------------|
| SIMON CAMERON DEARSLEY | 07/01/2019     |
| BENJAMIN S. PETERSON   | 07/01/2019     |
| GO OSAKI               | 07/02/2019     |
| YAN SHANG              | 07/01/2019     |

### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 29692341 |

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|-------------------------|-----------------|
| NAME OF SUBMITTER:      | STEVE S. CHANG  |
| SIGNATURE:              | /Steve Chang/   |
| DATE SIGNED:            | 09/11/2019      |

## **Total Attachments: 4**

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|  | t matter ('INVEN'i  | TION') disclosed an  |  | d in a patent applica   |  |
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| power  | will be filed. ASI<br>legal representa<br>Corporation, Or<br>LEGAL REPRE  | SIGNOR hereby au<br>atives, of the Law au<br>se Microsoft Way, F<br>SENTATIVES), to i<br>and given Applic  | nd Corpora<br>Redmond, V<br>insert here i<br>ation No                                | d requests, ASSIGI<br>te Affairs Departme<br>Vashington 98052 (/<br>in parentheses (filed<br>by t | nt, Microsoft<br>ASSIGNEE'S<br>d on<br>he following    |
|  | Office  |  | ) this /   | APPLICATION's Ap  | plication No.  |
|  | filing date, and i  | Office, when known   | ł,   |   |  |
| , X  |   | 4/2019, and was gi<br>ent and Trademark  |  | erial No. 29/692341   |  |
| rights, title and into<br>(and all other appl<br>whole or in part, in<br>('APPLICATION D<br>ASSIGNOI<br>REPRESENTATION   | erest, including thications and pate<br>and for the Unite<br>ERIVATIVES'));<br>R hereby authoriz<br>ES to insert the  | ne right of priority, in<br>ints derived therefro<br>ad States, its territo<br>res, and requests, a  | n the INVEN<br>om, such as<br>ries, and al<br>ASSIGNEE<br>ng date, and               |   | LICATION<br>tions, in                                  |
| Application No.  |   | Filing Date  |  | Office  |  |
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| the ASSIGNOR, the ASSIGNOR's entition in the ASSIGNOR's entition and the such as continuing and all foreign countries. ASSIGNOR and prosecution or regarding letters p | ne ASSIGNOR hire and exclusive he APPLICATION papplications, in intries ('APPLICA' R agrees to exect of the APPLICATION (and APPLICA') atent derived the ON (and APPLICA'). | areby sells, assigns rights, title and inte N (and all other app whole or In part, in TION DERIVATIVE all instruments on (and APPLICATIVE) refrom, and for the ATION DERIVATIVE. | and transfirest, includitions are and for the ES')); and documition DER's purpose of |   | EE, the ity, in the herefrom, erritories, emaking tion |
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| Printed Name in  | ***************************************   | 000000000000000000000000000000000000000  | Name in N  | ative Language (no  | in-English)  |

| I, Benjamin S. PETERSON ('ASSIGN(<br>inventor of subject matter ('INVENTION') disc<br>entitled 'CAMERA' ('APPLICATION'), which:   | closed and/or claim   | al inventor or a<br>ed in a patent   | in original joint application   |
|---|---|--|---|
| will be filed. ASSIGNOR h   | ereby authorizes a  | nd requests. A   | SSIGNEE'S   |
| legal representatives, of the Corporation, One Microsoft LEGAL REPRESENTATIVE   | ne Law and Corpor<br>ft Way, Redmond,<br>/ES), to insert here<br>an Application No.<br>) this   | ate Affairs Der<br>Washington 9<br>in parenthese   | partment, Microsoft<br>8052 (ASSIGNEE'S   |
| was filed on 5/24/2019, and by the U.S. Patent and Tr   |   | Serial No. 29/6  | 92341   |
| Microsoft Corporation, a Washington (and assigns ('ASSIGNEE'), is entitled to, and rights, title and interest, including the right of (and all other applications and patents derived whole or in part, in and for the United States,   | is desirous of acqueriority, in the INVE<br>d therefrom, such a   | iring, the entir<br>NTION and th<br>is continuing a  | e and exclusive<br>e APPLICATION<br>applications, in  |
| ('APPLICATION DERIVATIVES'));   | a and an experience of the same   |  |   |
| ASSIGNOR hereby authorizes, and re  |   |  | kan dagan dan katala  |
| REPRESENTATIVES to insert the Application<br>for any APPLICATION DERIVATIVES after the  |   | ia Office into t   | ne rollowing table  |
| to any the bottom beautiful and any   |   |  |   |
| Application No. F   | iling Date  | Office   |   |
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| For good and valuable consideration, the ASSIGNOR, the ASSIGNOR hereby sells ASSIGNOR's entire and exclusive rights, title INVENTION and the APPLICATION (and all countries continuing applications, in whole or in and all foreign countries ('APPLICATION DEF ASSIGNOR agrees to execute all instead prosecution of the APPLICATION (and A regarding letters patent derived therefrom, and to the APPLICATION DEF | and interest, include<br>other applications and<br>part, in and for the<br>RIVATIVES'));<br>ruments and docur<br>PPLICATION DER<br>and for the purpose of | fers to the ASS<br>ling the right of<br>nd patents der<br>to United States<br>nents required<br>IVATIVES), for | SIGNEE, the f priority, in the rived therefrom, s, its territories, for the making r litigation |
| Sw www.   |   | 2011   |   |
| Benjamin S. PETERSON  | Date  |  |   |
| Renjamin S. Peterson  | . Jan. v  | 1 1/. A  |   |
| Printed Name in English   | Printed Name in   | ns. P24.   |   |

| I, Go OSAKI ('ASSIGNOR')<br>subject matter ('INVENTION') disclo<br>'CAMERA' ('APPLICATION'), which  |  |   |
|---|--|---|
| legal representa<br>Corporation, On<br>LEGAL REPRES<br>Office   | e Microsoft Way, Redmond,<br>SENTATIVES), to insert here<br>and given Application No.  | ate Affairs Department, Microsoft<br>Washington 98052 (ASSIGNEE'S<br>in parentheses (filed on   |
|   | 4/2019, and was given U.S. 8<br>ent and Trademark Office   | Serial No. 29/692341  |
| and assigns ('ASSIGNEE'), is entitle<br>rights, title and interest, including th<br>(and all other applications and pate<br>whole or in part, in and for the Unite<br>('APPLICATION DERIVATIVES')); | ed to, and is desirous of acque right of priority, in the INVE nts derived therefrom, such and States, its territories, and access, and requests, ASSIGNE Application No., filing date, at   | INTION and the APPLICATION as continuing applications, in all foreign countries  E'S LEGAL  |
| Application No.   | Filing Date  | Office  |
| the ASSIGNOR, the ASSIGNOR he<br>ASSIGNOR's entire and exclusive r<br>INVENTION and the APPLICATION<br>such as continuing applications, in value and all foreign countries ('APPLICA                | ereby sells, assigns and transights, title and interest, included in the sells, included in the sells all other applications as whole or in part, in and for the TION DERIVATIVES')); at all instruments and document and APPLICATION DERIVATION, and for the purpose of the sells and sells and for the sells and | ding the right of priority, in the and patents derived therefrom, a United States, its territories, nents required for the making IVATIVES), for litigation |
| Printed Name in English   | Printed Name in  | Native Language (non-English)   |

| I, Yan SHAI<br>subject matter ('IN\<br>'CAMERA' ('APPLII   | /ENTION') disclosed  | m the original inver<br>d and/or claimed in   | ntor or an original joint inve<br>a patent application entitle   | entor of<br>ed   |
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| П  | will be filed. ASSIGI  | NOR hereby author   | rizes and requests, ASSIG  | NEE'S  |
|  | legal representative<br>Corporation, One M<br>LEGAL REPRESEN   | s, of the Law and C<br>licrosoft Way, Redn<br>ITATIVES), to inse<br>nd given Applicatio   | Corporate Affairs Department<br>mond, Washington 98052 (<br>int here in parentheses (file<br>in Noby<br>_) this APPLICATION's A  | ent, Microsoft<br>(ASSIGNEE'S<br>ed on                 |
| X  | was filed on 5/24/20<br>by the U.S. Patent   |   | U.S. Serial No. 29/69234 <sup>-</sup><br>lice  | 1  |
| and assigns ('ASSI rights, title and inter (and all other applic whole or in part, in ('APPLICATION DE ASSIGNOR REPRESENTATIVI   | GNEE'), is entitled to rest, including the right attents and patents and for the United SERIVATIVES'));  hereby authorizes,                | o, and is desirous oght of priority, in the derived therefrom, states, its territories and requests, ASS lication No., filing d   | late, and Office into the fol  | I exclusive<br>PLICATION<br>ations, in                 |
| Application No.  | Fil  | ing Date  | Office   |  |
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| the ASSIGNOR, the ASSIGNOR's entire INVENTION and the such as continuing and all foreign cour ASSIGNOR and prosecution of regarding letters patto the APPLICATION of SHANG | a ASSIGNOR herebe and exclusive right of APPLICATION (all applications, in who atries ('APPLICATIO agrees to execute at the APPLICATION () | y sells, assigns and interest, it the and interest, and all other application or in part, in and in DERIVATIVES'); all instruments and (and APPLICATION) on, and for the purposes, titles and the purposes. | documents required for the NOTAL TOTAL TOT | EE, the rity, in the therefrom, territories, in making |
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PATENT REEL: 050344 FRAME: 0816

**RECORDED: 09/11/2019**