505067725 08/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5114481

Stylesheet Version v1.2

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| JOSHUA BABER | 08/21/2018 |
| ANTHONY NEIL DART | 08/22/2018 |
| MARCH ROGERS | 08/21/2018 |

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: | 29661077 |

CORRESPONDENCE DATA

Fax Number: (202)824-3001

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: (202) 824-3000

Email: bwptopat@bannerwitcoff.com, dschied@bannerwitcoff.com

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Address Line 1: 1100 13TH ST. NW

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Address Line 4: WASHINGTON, D.C. 20005

| ATTORNEY DOCKET NUMBER: | 013797.13690\US |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | JOHN M. FLEMING |
| SIGNATURE: | /John M. Fleming/ |
| DATE SIGNED: | 08/28/2018 |

Total Attachments: 3

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PATENT 505067725 REEL: 046729 FRAME: 0163

PATENT ASSIGNMENT

| I, Joshua BABER ('ASSIGN subject matter ('INVENTION') discluded to the control of | osed and/or claimed in a pate | |
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| will be filed. ASS legal representa Corporation, Or LEGAL REPRE _ 8/24/2018 _ Office _ filing date, and 0 | ne Microsoft Way, Redmond, SENTATIVES), to insert here and given Application No. | ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S in parentheses (filed on |
| Microsoft Corporation, a Wa and assigns ('ASSIGNEE'), is entitl rights, title and interest, including th (and all other applications and pate whole or in part, in and for the Unite ('APPLICATION DERIVATIVES')); | ashington Corporation, on belied to, and is desirous of acquire right of priority, in the INVE ents derived therefrom, such a ed States, its territories, and access, and requests, ASSIGNEI Application No., filing date, and | ENTION and the APPLICATION as continuing applications, in all foreign countries E'S LEGAL |
| Application No. | Filing Date | Office |
| | | |
| the ASSIGNOR, the ASSIGNOR he ASSIGNOR's entire and exclusive INVENTION and the APPLICATION such as continuing applications, in and all foreign countries ('APPLICATION) | rights, title and interest, includ N (and all other applications a whole or in part, in and for the NTION DERIVATIVES')); ute all instruments and docum ON (and APPLICATION DER | sfers to the ASSIGNEE, the ding the right of priority, in the and patents derived therefrom, as United States, its territories, nents required for the making IVATIVES), for litigation |
| to the APPLICATION (and APPLIC | ATION DERIVATIVES). | |
| | 8/21/18 | |
| Joshua BABER | Date | |
| Joshua Baber | | |
| Printed Name in English | Printed Name in | Native Language (non-English) |

PATENT REEL: 046729 FRAME: 0164

PATENT ASSIGNMENT

| I, Anthony Neil DART ('ASSI of subject matter ('INVENTION') disc 'DISPLAY SCREEN WITH ANIMAT which: | closed and/or claimed in a pa | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| will be filed. ASS legal representat Corporation, One LEGAL REPRES _8/24/2018 Office | e Microsoft Way, Redmond, ' ENTATIVES), to insert here _ and given Application No | ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S in parentheses (filed on |
| | d was given U.S. Serial No. ent and Trademark Office | |
| Microsoft Corporation, a Was and assigns ('ASSIGNEE'), is entitle rights, title and interest, including the (and all other applications and paten whole or in part, in and for the United ('APPLICATION DERIVATIVES')); ASSIGNOR hereby authorize REPRESENTATIVES to insert the Afor any APPLICATION DERIVATIVE | ed to, and is desirous of acqueright of priority, in the INVE ats derived therefrom, such and States, its territories, and a les, and requests, ASSIGNER application No., filing date, ar | NTION and the APPLICATION as continuing applications, in all foreign countries E'S LEGAL |
| Application No. | Filing Date | Office |
| | | |
| For good and valuable considered the ASSIGNOR, the ASSIGNOR here ASSIGNOR's entire and exclusive right invention and the APPLICATION such as continuing applications, in wand all foreign countries ('APPLICATION ASSIGNOR agrees to executand prosecution of the APPLICATION regarding letters patent derived there to the APPLICATION (and APPLICATION) | reby sells, assigns and trans ghts, title and interest, include (and all other applications a whole or in part, in and for the FION DERIVATIVES')); te all instruments and document (and APPLICATION DER efrom, and for the purpose of | fers to the ASSIGNEE, the ding the right of priority, in the and patents derived therefrom, be United States, its territories, ments required for the making IVATIVES), for litigation |
| | 9 1/2 | 7/26/2 |
| Anthony Neil DART | Date | |
| ANTHONY OART | • | |
| Printed Name in English | Printed Name in I | Native Language (non-English) |

PATENT REEL: 046729 FRAME: 0165

PATENT ASSIGNMENT

| I, March ROGERS ('ASSIGN subject matter ('INVENTION') discloud 'DISPLAY SCREEN WITH ANIMAT which: | osed and/or claimed in a pate | | |
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| will be filed. ASS legal representa Corporation, On LEGAL REPRES 8/24/2018 Office filing date, and C | e Microsoft Way, Redmond, \ SENTATIVES), to insert hereand given Application No | ate Affairs Department, Microsoft Washington 98052 (ASSIGNEE'S in parentheses (filed on | |
| 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, 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 | |
| | | | |
| 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 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). | | | |
| 111 | Aug 21st 2018 | | |
| March ROGERS | Date | | |
| Printed Name in English | Printed Name in I | Native Language (non-English) | |

RECORDED: 08/28/2018

PATENT REEL: 046729 FRAME: 0166