502097587 10/17/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| Jeffery G. Arnold | 10/03/2012 |
| Aaron Woo | 10/03/2012 |
| Jeffrey C. Fong | 10/03/2012 |
| Megan Donahue | 10/10/2012 |
| lan Todd | 10/04/2012 |
| Chad Michael Roberts | 10/15/2012 |
| Jae Park | 10/12/2012 |

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: | 29425219 |

CORRESPONDENCE DATA

Fax Number: 2028243001

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Phone: 202-824-3000

Email: Isunderland@bannerwitcoff.com,

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Correspondent Name: Banner & Witcoff, Ltd.

Address Line 1: 1100 13th Street, N.W.

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Address Line 4: Washington, DISTRICT OF COLUMBIA 20005-4051

PATENT

REEL: 029144 FRAME: 0447

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| ATTORNEY DOCKET NUMBER: | 013797.08296 JMF/LLS |
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| NAME OF SUBMITTER: | John M. Fleming |
| Total Attachments: 6 source=8296 assignment#page1.tif source=8296 assignment#page2.tif source=8296 assignment#page3.tif source=8296 assignment#page4.tif source=8296 assignment#page5.tif source=8296 assignment#page6.tif | |

| | Arnold, Aaron Woo, Jeffrey C. Fong, Megan Donohue, Ian Todd, |
|-----------------------------------|---|
| Chad Michael Roberts and Ja | le Park ("ASSIGNORS"), have invented subject matter |
| | l/or claimed in a patent application entitled "DISPLAY SCREEN ERFACE" ("APPLICATION"), which: |
| | d without this executed PATENT ASSIGNMENT. ASSIGNORS |
| | thorize and request ASSIGNEE'S legal representatives, of Banner |
| | LTD., 1100 13th Street NW, Suite 1200, Washington, DC 20005- |
| 4051 who | are associated with customer number 28319, to insert here in |
| parenthes | is (U.S. Serial No, filed) this |
| APPLICAT | TION's U.S. Serial Number and filing date, when known; |
| | on <u>6/20/2012</u> and was given U.S. Serial No. <u>29/425219;</u> |
| | ncurrently herewith; |
| Microsoft Corp | oration, a Washington Corporation, on behalf of itself and its |
| | SIGNEE"), is entitled to, and is desirous of acquiring, the entire |
| and exclusive rights, title and | interest in the INVENTION and the APPLICATION (and all other |
| applications and patents deriv | ved therefrom, such as continuing applications, in and for the |
| United States, its territories, a | and all foreign countries ("APPLICATION DERIVATIVES")); |
| | valuable consideration, the receipt of which is hereby |
| acknowledged by the ASSIGI | NORS, the ASSIGNORS hereby sell, assign and transfer to the |
| | clusive rights, title and interest in the INVENTION and the |
| APPLICATION (and APPLICATION) | • |
| ASSIGNORS : | agree to execute all instruments and documents required for the |
| making and prosecution of the | e APPLICATION (and APPLICATION DERIVATIVES), for litigation |
| | ed therefrom, and for the purpose of protecting and perfecting title |
| to the APPLICATION (and AF | PPLICATION DEBIVATIVES). |
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| DATE | Jeffery G. Arnold |
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| DATE | Aaron Woo |
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| DATE | Jeffrey C. Fong |
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| DATE | Magan Danahua |
| DATE | Megan Donohue |
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| | |
| DATE | lan Todd |

| Chad Michael Roberts and Jac ("INVENTION") disclosed and/ | Arnold, Aaron Woo, Jeffrey C. Fong, Megan Donohue, lan Todd, Park ("ASSIGNORS"), have invented subject matter for claimed in a patent application entitled "DISPLAY SCREEN ERFACE" ("APPLICATION"), which: |
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| will be filed hereby autility & Witcoff, Leads to the way and the way and the way filed on the way filed configuration of the way and the way filed configuration of the way and the way are the way and the will be filed to the way and the | without this executed PATENT ASSIGNMENT. ASSIGNORS horize and request ASSIGNEE'S legal representatives, of Banner TD., 1100 13th Street NW, Suite 1200, Washington, DC 20005-are associated with customer number 28319, to insert here in (U.S. Serial No, filed) this ION's U.S. Serial Number and filing date, when known; in 6/20/2012 and was given U.S. Serial No. 29/425219; currently herewith; pration, a Washington Corporation, on behalf of itself and its GIGNEE"), is entitled to, and is desirous of acquiring, the entire interest in the INVENTION and the APPLICATION (and all other |
| applications and patents derive United States, its territories, ar | ed therefrom, such as continuing applications, in and for the all foreign countries ("APPLICATION DERIVATIVES")); aluable consideration, the receipt of which is hereby |
| acknowledged by the ASSIGN ASSIGNEE, the entire and exc APPLICATION (and APPLICA ASSIGNORS a making and prosecution of the | IORS, the ASSIGNORS hereby sell, assign and transfer to the clusive rights, title and interest in the INVENTION and the TION DERIVATIVES); gree to execute all instruments and documents required for the APPLICATION (and APPLICATION DERIVATIVES), for litigation d therefrom, and for the purpose of protecting and perfecting title |
| DATE (CL 2)12 | Jeffery G. Arnold |
| DATE 12/12 | Aaron Woo |
| DATE | Jeffrey C. Fong |
| DATE | Megan Donohue |
| DATE | lan Todd |

| WE, Jeffery G. Arno | ild, Aaron Woo Jeffrey C. Fong, Megan Donahue, lan Todd. |
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| Chad Michael Roberts and Jae Pa | rk ("ASSIGNORS"), have invented subject matter |
| ("INVENTION") disclosed and/or cl | laimed in a patent application entitled "DISPLAY SCREEN |
| WITH ANIMATED USER INTERFA | ACE" ("APPLICATION") which |
| Will be filed with | hout this executed PATENT ASSIGNMENT ASSIGNORS |
| herehit authoris | za and raminal ASSIGNEE'S legal representatives. Gi batthet |
| & Witcoff TD | ., 1100 13th Street NW, Suite 1200, Washington, DC 20005 |
| 4051 who are | associated with customer number 28319, to insert here in |
| narnathania (III | S Senal No filed this |
| VODITOVIONI | I's U.S. Serial Number and filing date, when known |
| APPLICATION | 20/2012 and was given U.S. Serial No. 29/425219 |
| | 20/2012 and was given a Sondow Eschess |
| is filed concurr | ently herewith |
| Microsoft Corporati | on, a Washington Corporation, on behalf of itself and its |
| successors and assigns ("ASSIGN | NEE') is entitled to, and is desirous of acquiring the entire |
| and exclusive rights title and inter | rest in the INVENTION and the APPLICATION (ago another the |
| applications and natents derived t | herefrom such as continuing applications; () and (9) the |
| United States, its territories, and a | all foreign countries ("APPLICATION DERIVATIVES") |
| For good and value | able consideration, the receipt of which is hereby |
| acknowledged by the ASSIGNOR | ts the ASSIGNORS hereby sell, assign and transfer to the |
| ASSIGNEE, the entire and exclus | sive rights, little and interest in the INVENTION and the |
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| anne 290MOI22A | e to execute all instruments and documents required for the |
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| to the APPLICATION (and APPLI | ICATION DERIVATIVES) |
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| DATE | Aaron Woo |
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| | lan Todd |
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| | Naron Woo, Jeffrey C. Fong, Megan Donohue, lan Todd, ASSIGNORS"), have invented subject matter |
|------------------------------------|--|
| | ed in a patent application entitled "DISPLAY SCREEN |
| WITH ANIMATED USER INTERFACE | |
| | this executed PATENT ASSIGNMENT. ASSIGNORS |
| | nd request ASSIGNEE'S legal representatives, of Banner |
| | 200 13th Street NW, Suite 1200, Washington, DC 20005- ociated with customer number 28319, to insert here in |
| parenthesis (U.S. S | |
| | S. Serial Number and filing date, when known; |
| | 012 and was given U.S. Serial No. <u>29/425219;</u> |
| is filed concurrently | herewith; |
| | Washington Corporation, on behalf of itself and its |
| |), is entitled to, and is desirous of acquiring, the entire |
| | n the INVENTION and the APPLICATION (and all other from, such as continuing applications, in and for the |
| | eign countries ("APPLICATION DERIVATIVES")); |
| | consideration, the receipt of which is hereby |
| acknowledged by the ASSIGNORS, the | e ASSIGNORS hereby sell, assign and transfer to the |
| | ghts, title and interest in the INVENTION and the |
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| ASSIGNORS agree to e | execute all instruments and documents required for the CATION (and APPLICATION DERIVATIVES), for litigation |
| | om, and for the purpose of protecting and perfecting title |
| to the APPLICATION (and APPLICATI | |
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| DATE | Jeffrey C. Fong |
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| DATE | Megan Donohue |
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| | - 16 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 |
| DATE 8 | an Todd |

Atty. Ref: 013797.08296 MS# 336932_01

| 10-15-2012 | Children Comment |
|------------|----------------------|
| DATE | Chad Michael Roberts |
| DATE | Jae Park |

Atty. Ref: 013797.08296 MS# 336932_01

DATE Chad Michael Roberts

Jae Park

PATENT REEL: 029144 FRAME: 0454

RECORDED: 10/17/2012