Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Anthony Baron | 07/01/2008 |
| Efstathios Papaefstathiou | 01/14/2005 |
| Kathryn A. Pizzo | 09/16/2008 |
| Michael D. Lubrecht | 01/18/2005 |

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: | 11037659 |

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617-646-8000

Email: pmarchetti@wolfgreenfield.com
Correspondent Name: Wolf, Greenfield & Sacks, P.C.

Address Line 1: 600 Atlantic Avenue

Address Line 4: Boston, MASSACHUSETTS 02210

| ATTORNEY DOCKET NUMBER: | M1103.70016US00 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | Richard F. Giunta |

Total Attachments: 4

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PATENT REEL: 021599 FRAME: 0799

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MS Docket No. 309783.01 (OG-Docket No. M8193.70036U890--

| PATENT ASS Wh. Andrew Navvides Anthony B | <u>IGNMENT</u> Jaron, Etstathious Papaetstathiou, Kathryn |
|--|---|
| A. Pizzo, and Michael D. Lubrecht ("ASSIGNOR | • |
| ("INVENTION") disclosed and/or claimed in a p | |
| MANAGING CAPACITY" ("APPLICATION"), which | |
| processing . | ecuted PATENT ASSIGNMENT. ASSIGNOR |
| | lests, ASSIGNEE'S legal representatives, of |
| • | - , , |
| · | C., 600 Atlantic Avenue, Boston, MA |
| | with customer number 45840, to insert |
| | rial No, filed) |
| | ial Number and filing date, when known; |
| was filed on January 18, 20 | 05 and was given U.S. Serial No. 11/037659 |
| is filed concurrently herewit Microsoft Corporation, a Washin | th; igton Corporation, on behalf of itself and |
| its successors and assigns ("ASSIGNEE"), is en | titled to, and is desirous of acquiring, the |
| entire and exclusive rights, title and interest i | n the INVENTION and the APPLICATION |
| (and all other applications and patents derive | đ therefrom, such as continuing |
| applications, in and for the United States, its | territories, and all foreign countries |
| ("APPLICATION DERIVATIVES")); | |
| For good and valuable considera | ation, the receipt of which is hereby |
| acknowledged by the ASSIGNOR, the ASSIGNO | OR hereby sells, assigns and transfers to |
| the ASSIGNEE, the entire and exclusive rights, | |
| the APPLICATION (and APPLICATION DERIVAT | |
| · | instruments and documents required for |
| the making and prosecution of the APPLICATI | · · |
| litigation regarding letters patent derived the | |
| | |
| and perfecting title to the APPLICATION (and | APPLICATION DERIVATIVES). |
| | |
| DATE | Andrew Savvides |
| 186 - 1 0000 | D G |
| 1 104 2008 | Hothon Darn. |
| DATE | Anthony Baron |
| DATE | , and the same of |
| DATE | Efstathios Papaefstathiou |
| | ************************************** |
| DATE | Kathryn A. Pizzo |
| | • |
| DATE | Michael D. Lubeacht |

PATENT ASSIGNMENT

| PATENT AS: | NOTAL PROPERTY. |
|--|--|
| 1/WE, Andrew Savvides, Anthon | y Baron, Efstathios Papaefstathiou, Kathryn |
| Dizzo and Michael D. Lubrecht ("ASSIGNO | R"), have invented subject matter |
| "INVENTION") disclosed and/or claimed in a | patent application entitled "METHODS FOR |
| JANACING CAPACITY" ("APPLICATION"), Whi | ch: |
| rvi will be filed without this ex | cecuted PATENT ASSIGNMENT. ASSIGNOR |
| hereby authorizes, and rec | quests, ASSIGNEE'S legal representatives, or |
| Wolf Greenfield & Sacks, I | P.C., 600 Atlantic Avenue, Boston, MA |
| 02210, who are associated | d with customer number 45840, to insert |
| here in narenthesis (U.S. 5 | erial No. 11/037659, filed 1/18/05 |
| this APPLICATION's U.S. Se | erial Number and filing date, when known; |
| was filed on | |
| is filed concurrently herev | vith; |
| Microsoft Corporation, a Wash | sington Corporation, on behalf of itself and |
| ite successors and assigns ("ASSIGNEE"), is | entitled to, and is desirous of acquiring, the |
| entire and exclusive rights, title and interes | t in the INVENTION and the APPLICATION |
| (and all other applications and patents deri | ved therefrom, such as continuing |
| applications, in and for the United States, it | ts territories, and all foreign countries |
| ("APPLICATION DERIVATIVES")); | |
| For good and valuable consid | eration, the receipt of which is hereby |
| acknowledged by the ASSIGNOR, the ASSIG | NOR hereby sells, assigns and transfers to |
| the ASSIGNEE, the entire and exclusive righ | ts, title and interest in the INVENTION and |
| the APPLICATION (and APPLICATION DERIV. | ATIVES); |
| ASSIGNOR agrees to execute | all instruments and documents required for |
| the making and prosecution of the APPLICA | ATION (and APPLICATION DERIVATIVES), for |
| litigation regarding letters patent derived t | herefrom, and for the purpose of protecting |
| and perfecting title to the APPLICATION (ar | nd APPLICATION DERIVATIVES). |
| and periodicing contact. | |
| | Andrew Savvides |
| DATE | Andrew Savvides |
| | |
| DATE | Anthony Baron |
| 1 (14/05 | The state of |
| DATE | Efstathios Papaefstathiou |
| O/ME | |
| DATE | Kathryn A. Pizzo |
| DATE | |
| DATE | Michael D. Lubrecht |
| Unit. | |

PATENT ASSIGNMENT

| WE, Andrew Savvid | les, Anthony Baron, Efstathious Papaefstathiou, Kathryn |
|---|---|
| A. Pizzo, and Michael D. Lubrec | ht ("ASSIGNOR"), have invented subject matter |
| ("INVENTION") disclosed and/or | claimed in a patent application entitled "METHODS FOR |
| MANAGING CAPACITY" ("APPLIC. | ATION"), which: |
| will be filed w | rithout this executed PATENT ASSIGNMENT. ASSIGNOR |
| hereby author | izes, and requests, ASSIGNEE'S legal representatives, of |
| Wolf, Greenfie | eld & Sacks, P.C., 600 Atlantic Avenue, Boston, MA |
| | re associated with customer number 45840, to insert |
| here in parent | thesis (U.S. Serial No, filed) |
| | TON's U.S. Serial Number and filing date, when known; |
| | anuary 18, 2005 and was given U.S. Serial No. 11/037659 |
| is filed concu | • |
| *************************************** | ition, a Washington Corporation, on behalf of itself and |
| | SIGNEE"), is entitled to, and is desirous of acquiring, the |
| | and interest in the INVENTION and the APPLICATION |
| | patents derived therefrom, such as continuing |
| · | ted States, its territories, and all foreign countries |
| ("APPLICATION DERIVATIVES")); | |
| • | able consideration, the receipt of which is hereby |
| - | R, the ASSIGNOR hereby sells, assigns and transfers to |
| - ' | clusive rights, title and interest in the INVENTION and |
| | |
| the APPLICATION (and APPLICA | |
| - | to execute all instruments and documents required for |
| | the APPLICATION (and APPLICATION DERIVATIVES), for |
| | ent derived therefrom, and for the purpose of protecting |
| and perfecting title to the APPL | ICATION (and APPLICATION DERIVATIVES). |
| | |
| DATE . | Andrew Savvides |
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| DATE | Anthony Baron |
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| DATE | Efstathios Papaefstathiou |
| DATE | EISTALINOS PAPAEISTALINOU |
| 9-16-08 | 1 cathern (1'800 |
| DATE | Kathryn A. Pizzo |
| | |
| | |
| DATE | Michael D. Lubrecht |
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MS Ducket No. 309783.01 (OC Ducket No. M1103.70016U500

PATENT ASSIGNMENT

I/WE. Andrew Savvides, Anthony Baron, Efstathlous Papaefstathlou, Kathryn A. Pizzo, and Michael D. Lubrecht ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METHODS FOR MANAGING CAPACITY" ("APPLICATION"), which:

| hereby authorizes, and Wolf, Greenfield & Sac O2210, who are associated in parenthesis (Uthis APPLICATION's Umas filed on | d requests, ASSIGNEE'S legal representatives, of eks, P.C., 600 Atlantic Avenue, Boston, MA clated with customer number 45840, to insert U.S. Serial No. 11/037659filed 1/18/05). Serial Number and filling date, when known, and was given U.S. Serial No |
|---|--|
| DATE | Andrew Sarvides |
| DATE | · |
| DATE | Anthony Baron |
| DATE | Efstathios Papaefstathiou |
| DATE 18, 1005 | Michael D. Lubrecht |
| 857779 1 | |

RECORDED: 09/29/2008