502974960 09/13/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3021559

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| WILLIAM A. S. BUXTON | 09/12/2014 |
| RICHARD L. HUGHES | 08/27/2014 |
| KENNETH P. HINCKLEY | 09/05/2014 |
| MICHEL PAHUD | 08/26/2014 |
| IRINA SPIRIDONOVA | 09/02/2014 |

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: | 14485720 |

CORRESPONDENCE DATA

Fax Number:

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: 425-707-9382

Email: stevensp@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

| ATTORNEY DOCKET NUMBER: | 340922.01 |
|-------------------------|----------------------------------|
| NAME OF SUBMITTER: | MARGO LIVESAY |
| SIGNATURE: | /Margo Livesay, Reg. No. 41,946/ |
| DATE SIGNED: | 09/13/2014 |

Total Attachments: 10

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502974960 PATENT REEL: 033735 FRAME: 0769

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PATENT REEL: 033735 FRAME: 0770

PATENT ASSIGNMENT MS Docket No.: 340922.01

| I, <u>William A. S. Buxton</u> ("A inventor of subject matter ("application entitled " <u>DISAMBIGU</u> | NVENTION") disclosed a | · |
|---|--|---|
| ASSIGNEE'S legal red Department, Micro Washington 98052 here in parenthese No. 14/485,720 Office U.S. Patent a | ASSIGNOR hereby authors epresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRE s (filed on September 13, 201 and Trademark Office ing date, and Office, when | and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert and given Application by the following _) this APPLICATION's |
| \square was filed on | and was given A | application |
| No | by the following Office | |
| | ". | |
| Microsoft Corporation, a successors and assigns ("ASSIG entire and exclusive rights, titl INVENTION and the APPLICATI therefrom, such as continuing a States, its territories, and all forest | NEE"), is entitled to, and e and interest, including ON (and all other applications, in whole or i | the right of priority, in the cations and patents derived n part, in and for the United |
| ASSIGNOR hereby authori | zes, and requests, ASSIGN | EE'S LEGAL REPRESENTATIVES |
| to insert the Application No., f | • | |
| 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

William A. S. Buxton

Printed Name in English

Printed Name in Native Language (if other than English)

MS Docket No.: 340922.01

PATENT ASSIGNMENT MS Docket No.: 340922.01

| I, <u>Richard L. Hughes</u> ("ASS inventor of subject matter ("IN application entitled <u>"DISAMBIGUA"</u> | NVENTION") disclosed a | • |
|--|---|--|
| ASSIGNEE'S legal rep Department, Microso Washington 98052 (here in parentheses No14/485,72 OfficeU.S. Paten | SSIGNOR hereby author presentatives, of the Law oft Corporation, One Mic (ASSIGNEE'S LEGAL REPRE (filed on September 13, 2014) to at and Trademark Office and date, and Office, when | and Corporate Affairs crosoft Way, Redmond, SENTATIVES), to insert and given Application by the following _) this APPLICATION's |
| | and was given A _ by the following Office "; | pplication |
| Microsoft Corporation, a successors and assigns ("ASSIGN entire and exclusive rights, title INVENTION and the APPLICATIO therefrom, such as continuing ap States, its territories, and all forei | IEE"), is entitled to, and and interest, including DN (and all other applications, in whole or i | the right of priority, in the cations and patents derived n part, in and for the United |
| to insert the Application No., fili | ing date, and Office into | EE'S LEGAL REPRESENTATIVES the following table for any |
| APPLICATION DERIVATIVES after t 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"));

MS Docket No.: 340922.01

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).

| phologole . | 8/27/14 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date / |
| Richard L. Hughes | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

| I, <u>Kenneth P. Hinckley</u> (' | 'ASSIGNOR"), am the origir | al inventor or an original joint |
|--|--|---|
| inventor of subject matter (| "INVENTION") disclosed | and/or claimed in a patent |
| application entitled "DISAMBIGU | JATION OF KEYBOARD INP | <u>UT</u> " ("APPLICATION"), which: |
| | | |
| ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No. Office <u>U.S. Pate</u> | ASSIGNOR hereby authorepresentatives, of the Law osoft Corporation, One Miles (ASSIGNEE'S LEGAL REPRESES (filed on September 14/485,720 ent and Trademark Office where iling date, and Office, where | w and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert or 13, 2014 and given by the following this APPLICATION's |
| was filed on | and was given | Annlication |
| | | |
| NO | by the following Office ". | 2 |
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| entire and exclusive rights, ti INVENTION and the APPLICAT therefrom, such as continuing States, its territories, and all fo | GNEE"), is entitled to, and tle and interest, including TION (and all other applapplications, in whole or | g the right of priority, in the ications and patents derived in part, in and for the United |
| ASSIGNOR hereby | authorizes, and requ | uests, ASSIGNEE'S LEGAL |
| REPRESENTATIVES to insert t | he Application No., filin | g date, and Office into the |
| following table for any APPLICA | TION DERIVATIVES after th | ney are known; |
| Application No. | Filing Date | Office |
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Page 1 of 2

MS Docket No.: <u>340922.01</u>

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).

| Kennish P. Danish | 915/2014 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Kenneth P. Hinckley | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

MS Docket No.: 340922.01

MS Docket No.: 340922.01 I, Michel Pahud ("ASSIGNOR"), am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISAMBIGUATION OF KEYBOARD INPUT" ("APPLICATION"), which: ASSIGNOR hereby authorizes, and requests, will be filed. ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on September 13, 2014 and given Application 14/485.720 by the following U.S. Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known; was filed on _____ and was given Application No _____ by the following Office 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; Office Filing Date Application No.

Pag∈ 1 of 2

PATENT REEL: 033735 FRAME: 0777

MS Docket No.: 340922.01

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).

| Palan- | 8/26/20:4 |
|-------------------------|---|
| Inventor's Signature | Date |
| Michel Pahud | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 340922.01

| NVENTION") disclosed a | inventor or an original joint nd/or claimed in a patent <u>IT</u> " ("APPLICATION"), which: |
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| ASSIGNOR hereby authors epresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRE s (filed on September 13, 201 and Trademark Office ng date, and Office, when | and Corporate Affairs crosoft Way, Redmond, ESENTATIVES), to insert ⁴ and given Application by the following) this APPLICATION's |
| and was given A by the following Office "; | Application |
| NEE"), is entitled to, and e and interest, including ON (and all other applic | , on behalf of itself and its is desirous of acquiring, the the right of priority, in the cations and patents derived n part, in and for the United ON DERIVATIVES")); |
| ling date, and Office into | EE'S LEGAL REPRESENTATIVES the following table for any |
| | Office |
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| | ASSIGNOR hereby authorspresentatives, of the Law soft Corporation, One Mic (ASSIGNEE'S LEGAL REPRESE (filed on September 13, 201) and Trademark Office and was given A by the following Office "; Washington Corporation NEE"), is entitled to, and and interest, including ON (and all other applications, in whole or in ign countries ("APPLICATIONES, and requests, ASSIGNES). |

Page 1 of 2

MS Docket No.: 340922.01

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).

| Dina Spirit | 9/2/2014 |
|-------------------------|--|
| Inventor's Signature | Date |
| Irina Spiridonova | |
| Printed Name in English | Printed Name in Native Language (if other than English) |