Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| Steven Nabil Bathiche | 04/29/2013 |
| Flavio Protasio Ribeiro | 04/30/2013 |
| Nigel Stuart Keam | 05/01/2013 |
| Bernard K. Rihn | 05/13/2013 |
| Panos C. Panay | 05/07/2013 |
| David W. Voth | 05/06/2013 |

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: | 13891109 |

CORRESPONDENCE DATA

Fax Number: 4259367329

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

425-707-9382 Phone:

vffiling@microsoft.com Email:

Correspondent Name: Assal Meftahi Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept Redmond, WASHINGTON 98052 Address Line 4:

ATTORNEY DOCKET NUMBER: 338509.01

PATENT

REEL: 030406 FRAME: 0494

| NAME OF SUBMITTER: | Deepsha Jain | |
|---|----------------|--|
| Signature: | /Deepsha Jain/ | |
| Date: | 05/14/2013 | |
| Total Attachments: 12 | | |
| source=338509-01-Executed-Assignment#page1.tif | | |
| source=338509-01-Executed-Assignment#page2.tif | | |
| source=338509-01-Executed-Assignment#page3.tif | | |
| source=338509-01-Executed-Assignment#page4.tif | | |
| source=338509-01-Executed-Assignment#page5.tif | | |
| source=338509-01-Executed-Assignment#page6.tif | | |
| source=338509-01-Executed-Assignment#page7.tif | | |
| source=338509-01-Executed-Assignment#page8.tif | | |
| source=338509-01-Executed-Assignment#page9.tif | | |
| source=338509-01-Executed-Assignment#page10.tif | | |
| source=338509-01-Executed-Assignment#page11.tif | | |
| source=338509-01-Executed-Assignment#page12.tif | | |

I Steven Nabil Bathiche ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Connection Device for Computing Devices" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, 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 13/891109 Application No. by the following USPTO) this APPLICATION's Office 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); ASSIGNOR hereby authorizes. and ASSIGNEE'S LEGAL requests, 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

> PATENT REEL: 030406 FRAME: 0496

MS Docket No.: 338509.01

PATENT ASSIGNMENT MS Docket No.: 338509.01

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 in the INVENTION and the APPLICATION (and 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).

| Steven Sahrbe | 4/29/2013 |
|---|---------------------------------|
| Inventor's Signature | Date |
| Steven Nabil Bathiche Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 338509.01

| I <u>Flavio Protasio Ribeiro</u> joint inventor of subject matte application entitled " <u>Connecti</u> which: | er ("INVENTION") disclose | • |
|--|--|--|
| ASSIGNEE'S legal of Department, Micro Washington 9805 here in parenth Application No Office | ASSIGNOR hereby authorepresentatives, of the Lavosoft Corporation, One Mice (ASSIGNEE'S LEGAL REPRESES (filed on | w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert and given by the following this APPLICATION's |
| No | and was given by the following Office "; | |
| Microsoft Corporation, a successors and assigns ("ASSIC entire and exclusive rights, titl (and all other applications a applications, in and for the U ("APPLICATION DERIVATIVES")); | ONEE"), is entitled to, and e and interest in the INV and patents derived the | ENTION and the APPLICATION refrom, such as continuing |
| | | uests, ASSIGNEE'S LEGAL |
| REPRESENTATIVES to insert the following table for any APPLICA | • | • |
| Application No. | Filing Date | Office Office |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Page 1 of 2

| PATENT | ASSIGNMENT | MS Docket No.: | 338509.01 |
|--------|------------|----------------|-----------|
| | | | W |

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 in the INVENTION and the APPLICATION (and 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).

| Flavio P. Klinio | 04/30/2013 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Flavio Protasio Ribeiro | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 338509.01

| | | |
|--|--|--|
| I <u>Nigel Stuart Keam</u> ("As inventor of subject matter (application entitled " <u>Connect</u> which: | "INVENTION") disclosed | - |
| ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No | ASSIGNOR hereby authorepresentatives, of the Lawosoft Corporation, One Miles (ASSIGNEE'S LEGAL REPRESES (filed on | w and Corporate Affairs icrosoft Way, Redmond, ESENTATIVES), to insert Output Output |
| No | and was given by the following Office "; | |
| Microsoft Corporation, successors and assigns ("ASSIGNOR hereby | GNEE"), is entitled to, and le and interest in the INV and patents derived the Jnited States, its territori | ENTION and the APPLICATION erefrom, such as continuing |
| REPRESENTATIVES to insert t | he Application No., filin | g date, and Office into the |
| following table for any APPLICA Application No. | Filing Date | Office |
| | | |
| | | |
| | | |
| | | į |

Page 1 of 2 REEL: 030406 FRAME: 0500

| PATENT ASSIGNMENT | MS Docket No.: | 338509.01 |
|-------------------|----------------|-----------|
| | | |

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 in the INVENTION and the APPLICATION (and 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).

| Mind Strot Kean | 5/1/13 |
|-------------------------|---|
| Inventor's Signature | Date |
| Nigel Stuart Keam | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ٠. | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| 1 | 3 | ľ | Ì | į | • | 1 | ľ | 1 | 3 | ĺ | 1 | ١ | ١ | ١ | | ١ | Š | ٠ | 1 | ١ | ì | ¢ | Ċ | 1 | ì | ٥ | ď | ì | Š | • | | ۱ | Š | ì | X | ì | į | Ì | 1 | ξ | ř | 1 | ٥ | ć | ١ | ۰ | ž | ? | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

MS Docket No.: 338509.01

I <u>Bernard K. Rihn</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Connection Device for Computing Devices" ("APPLICATION"), which:

| X | will be filed. ASSI legal representati Microsoft Corpora 98052 (ASSIGNE parentheses (filed | ves, of the Lation, One N E'S LEGAL F | aw and Co Nicrosoft V REPRESENT | rporate Affairs I Vay, Redmond, ATIVES), to ins | Department, Washington ert here in |
|---|--|--|---------------------------------------|---|--|
| | 13/891109 | by | the | following | Office |
| | No., filing date, ar | *********** | | APPLICATION's | Application |
| | was filed on | an- | d was giver | n Application No | |
| | · · | | ng 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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, ASSIGNOR's entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and 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).

Page 1 of 2

MS Docket No.: 338509.01

Inventor's Signature

Date

Bernard K. Rihn

Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2

I Panos C. Panay ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Connection Device for Computing Devices" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, 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 09-MAY-2013 here in parentheses (filed on and given 13/891109 Application No. by the following USPTO 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")): ASSIGNOR hereby authorizes, ASSIGNEE'S and requests. 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

> PATENT REEL: 030406 FRAME: 0504

MS Docket No.: 338509.01

MS Docket No.: 338509.01

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 in the INVENTION and the APPLICATION (and 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

Panos C. Panay

Printed Name in English

Date

Printed Name in Native Language

(if other than English)

I David W. Voth ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Connection Device for Computing Devices" ("APPLICATION"), which: will be filed. ASSIGNOR hereby authorizes, and requests, 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 _ 09-MAY-2013 13/891109 Application No. by the following **USPTO**) this APPLICATION's Office 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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

> PATENT REEL: 030406 FRAME: 0506

MS Docket No.: 338509.01

| P | 'ATENT | ASSIGNMENT | | MS Docket No.: | 338509.01 |
|---|--|------------|----------|----------------|-----------|
| | <u>. </u> | | <u> </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 in the INVENTION and the APPLICATION (and 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).

ln∕ventor's Signature

David W. Voth

Printed Name in English

Printed Name in Native Language

(if other than English)