502205387 01/24/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Chih-Ming Wang | 01/22/2013 |
| Kuan-Chung Chen | 01/22/2013 |
| Yu-Yu Chiang | 01/22/2013 |

RECEIVING PARTY DATA

| Name: | Wistron NeWeb Corporation |
|-----------------|---|
| Street Address: | 20 Park Avenue II, Hsinchu Science Park |
| City: | Hsinchu |
| State/Country: | TAIWAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13748613 |

CORRESPONDENCE DATA

Fax Number: 7039974517

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

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Correspondent Name: WINSTON HSU
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Address Line 4: Merrifield, VIRGINIA 22116

| ATTORNEY DOCKET NUMBER: | WNCP0186USA |
|-------------------------|-------------|
| NAME OF SUBMITTER: | SIBYL YU |

Total Attachments: 6

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PATENT REEL: 029682 FRAME: 0886 40.00 13748613

COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

| As the below named inventor, I hereby declare that: This declaration is directed to: | | |
|--|--|-------------------------|
| ☑ The attached application, or | | |
| ☐ United States application number | filed on | , or |
| ☐ PCT international application number | filed on | |
| The above-identified application was made or authorized | to be made by me. | |
| I believe that I am the original inventor or an original joint application. | inventor of a claimed invention in | the |
| I hereby acknowledge that any willful false statement mad under18 U.S.C. 1001 by fine or imprisonment of not more | le in this declaration is punishable than five (5) years, or both. | 9 |
| In consideration of the payment by Wistron NeWeb (| Corporation having a pos | stal address of |
| 20 Park Avenue II, Hsinchu Science Park, Hsin | chu 308, Taiwan, R.O.C. | |
| (referred to as "ASSIGNEE"below) to I of the sum of One acknowledged, andfor other good and valuable considera | | ch is hereby |
| I hereby sell, assign and transfer to ASSIGNEE and the st the entire right, title and interest in and to any and all impr invention as above-identified application and, in and to, al invention by the above application or any continuations, or substitutes, or extensions thereof, and as to Letters Paten | ovements which are disclosed in I Letters Patent to be obtained for ontinuation-in-part, divisions, rene | the · said ewals, |
| I hereby covenant that no assignment, sale, agreement or entered into which would conflict with this assignment; | encumbrance has been or will b | e made or |
| I further covenant that ASSIGNEE will, upon its request, be and documents relating to said invention and said Letters known and accessible to I and will testify as to the same in related thereto and will promptly execute and deliver to ASS | Patent and legal equivalents as read any interference, litigation process. | nay be |
| representatives any and all papers, instruments or affidav maintain, issue and enforce said application, said inventio equivalents thereof which may be necessary or desirable IN WINTNESS WHEREOF, I have hereunto set hand and | n and said Letters Patent and sai to carry out the proposes thereof | |
| Note: An application data sheet (PTO/SB/14 or equivalent inventive entity, must accompany this form. Use this form | | |

Page 1 of 6

NPO#WNC-P0186-USA:0 CUST#PWNC-CO-1118-USXX

Title of Invention:

Dipole Antenna and Radio-Frequency Device

F#NPO-P0002E-US1201 DSC0-101U014086

Docket No WNCP0186USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Chih-Ming Wang

Date:

JAN 2 2 2013

Signature:

Chih Ming Wang

Page 2 of 6

F#NPO-P0002E-US1201 DSC0-101U014086

NPO#WNC-P0186-USA:0 CUST#PWNC-CO-1118-USXX

> PATENT REEL: 029682 FRAME: 0888

COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

| As the below named inventor, I hereby declare that: This declaration is directed to: | | |
|--|--|-------------------------------------|
| ☑ The attached application, or | | |
| ☐ United States application number | filed on | , or |
| ☐ PCT international application number | filed on | |
| The above-identified application was made or authorized to | be made by me. | |
| I believe that I am the original inventor or an original joint in application. | ventor of a claimed invention | n in the |
| I hereby acknowledge that any willful false statement made under18 U.S.C. 1001 by fine or imprisonment of not more the | | able |
| In consideration of the payment by Wistron NeWeb Co | orporation having a | a postal address of |
| 20 Park Avenue II, Hsinchu Science Park, Hsincl | hu 308, Taiwan, R.O.C. | |
| (referred to as "ASSIGNEE" below) to I of the sum of One Dacknowledged, and for other good and valuable consideration | ollar (\$ 1.00), the receipt of on. | which is hereby |
| I hereby sell, assign and transfer to ASSIGNEE and the such the entire right, title and interest in and to any and all improvinvention as above-identified application and, in and to, all L invention by the above application or any continuations, cor substitutes, or extensions thereof, and as to Letters Patent | vements which are disclosed Letters Patent to be obtained atinuation-in-part, divisions, | d in the d for said renewals, |
| I hereby covenant that no assignment, sale, agreement or entered into which would conflict with this assignment; | ncumbrance has been or w | rill be made or |
| I further covenant that ASSIGNEE will, upon its request, be and documents relating to said invention and said Letters P known and accessible to I and will testify as to the same in related thereto and will promptly execute and deliver to ASS | atent and legal equivalents any interference, litigation p | as may be |
| representatives any and all papers, instruments or affidavits maintain, issue and enforce said application, said invention equivalents thereof which may be necessary or desirable to IN WINTNESS WHEREOF, I have hereunto set hand and s | and said Letters Patent and carry out the proposes ther | d said reof. |
| Note: An application data sheet (PTO/SB/14 or equivalent), inventive entity, must accompany this form. Use this form for | | , |

Page 3 of 6

NPO#WNC-P0186-USA:0 CUST#PWNC-CO-1118-USXX

Title of Invention:

Dipole Antenna and Radio-Frequency Device

F#NPO-P0002E-US1201 DSC0-101U014086

Docket No WNCP0186USA

| LEGAL NAI | ME OF INVENTOR(ASSIGNOR) | | |
|------------|--------------------------|-------|--|
| Inventor: | Kuan-Chung Chen | Date: | JAN 22 2013 |
| - | | | A CONTRACTOR OF THE CONTRACTOR |
| Signature: | View Chinas | Char | |

Page 4 of 6

F#NPO-P0002E-US1201

DSC0-101U014086

COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

| As the below named inventor, I hereby declare that: This declaration is directed to: | | | |
|---|---|--------------------------|--|
| ☑ The attached application, or | | | |
| ☐ United States application number | filed on | , or | |
| ☐ PCT international application number | filed on | | |
| The above-identified application was made or authorized to | be made by me. | | |
| I believe that I am the original inventor or an original joint invapplication. | entor of a claimed inve | ention in the | |
| I hereby acknowledge that any willful false statement made i under18 U.S.C. 1001 by fine or imprisonment of not more that | | | |
| In consideration of the payment by Wistron NeWeb Co | rporation havi | ing a postal address of | |
| 20 Park Avenue II, Hsinchu Science Park, Hsinchu 308, Taiwan, R.O.C. | | | |
| (referred to as "ASSIGNEE"below) to I of the sum of One Do acknowledged, andfor other good and valuable consideration | | ot of which is hereby | |
| I hereby sell, assign and transfer to ASSIGNEE and the successors and assignees of the ASSIGNEE the entire right, title and interest in and to any and all improvements which are disclosed in the invention as above-identified application and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof. | | | |
| I hereby covenant that no assignment, sale, agreement or enemtered into which would conflict with this assignment; | ncumbrance has been | or will be made or | |
| I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal | | | |
| representatives any and all papers, instruments or affidavits maintain, issue and enforce said application, said invention a equivalents thereof which may be necessary or desirable to IN WINTNESS WHEREOF, I have hereunto set hand and set | and said Letters Patent carry out the proposes | t and said s thereof. | |
| Note: An application data sheet (PTO/SB/14 or equivalent), inventive entity, must accompany this form. Use this form for | | | |

Page 5 of 6

NPO#WNC-P0186-USA:0 CUST#PWNC-CO-1118-USXX

Title of Invention:

Dipole Antenna and Radio-Frequency Device

F#NPO-P0002E-US1201 DSC0-101U014086

Docket No WNCP0186USA

| LEGAL NAI | ME OF INVENTOR(ASSIGNOR) | | |
|------------|--------------------------|-------|--------------|
| Inventor: | Yu-Yu Chiang | Date: | JAN 2 2 2013 |
| Signature: | Tu- Fu chiang | | |

RECORDED: 01/24/2013

Page 6 of 6

F#NPO-P0002E-US1201 DSC0-101U014086

PATENT REEL: 029682 FRAME: 0892