

## PATENT ASSIGNMENT COVER SHEET

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|---|-------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                    |
| <b>CONVEYING PARTY DATA</b>   |                               |
| <b>Name</b>   | <b>Execution Date</b>         |
| PHILIP RAYMOND GRIPO  | 12/16/2014                    |
| <b>RECEIVING PARTY DATA</b>   |                               |
| <b>Name:</b>  | ANDREW LLC                    |
| <b>Street Address:</b>  | 1100 COMMSCOPE PLACE SE       |
| <b>City:</b>  | HICKORY                       |
| <b>State/Country:</b>   | NORTH CAROLINA                |
| <b>Postal Code:</b>   | 28602                         |
| <b>PROPERTY NUMBERS Total: 1</b>  |                               |
| <b>Property Type</b>  | <b>Number</b>                 |
| <b>Application Number:</b>  | 15517906                      |
| <b>CORRESPONDENCE DATA</b>  |                               |
| <b>Fax Number:</b>  |                               |
| <i>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.</i> |                               |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 9833-160                      |
| <b>NAME OF SUBMITTER:</b>   | SUSAN E. FREEDMAN             |
| <b>SIGNATURE:</b>   | /Susan E. Freedman/           |
| <b>DATE SIGNED:</b>   | 04/14/2017                    |
| <b>Total Attachments: 2</b>   |                               |
| source=9833-160_Gripo_Assignment_to_Andrew_LLC#page1.tif  |                               |
| source=9833-160_Gripo_Assignment_to_Andrew_LLC#page2.tif  |                               |

## ASSIGNMENT

Docket No. 7836-117656  
Serial No. 62/081,358  
Filed 18 November 2014

Ozgur ISIK, Philip Raymond GRIFO, Dushmantha Nuwan Prasanna THALAKOTUNA, and Peter J. LIVERSIDGE hereinafter the assignors, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assigns to Andrew LLC, residing at 1100 CommScope Place SE, Hickory, NC 28602 a Delaware corporation, hereinafter the assignee, its successors and assigns, the entire right, title and interest in the invention or improvements disclosed in an application for Patent in the United States, identified as 62/081,358 in the offices of Husch Blackwell LLP, 120 South Riverside Plaza, Suite 2200, Chicago, Illinois 60606 and entitled CLOAKED LOW BAND ELEMENTS FOR MULTIBAND RADIATING ARRAYS, and in any and all other applications, both United States and foreign, which the assignor or assignee may file, either solely or jointly with others, on said invention or improvements, and in any and all patents of the United States and foreign countries which may be obtained on any of said applications and in any reissue or extension of such patents.

The assignor authorizes the law firm of Husch Blackwell LLP to enter the Serial Number of said application for patent in the space provided above.

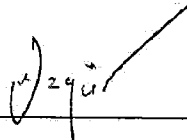
The assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Patent to said assignee.

The assignor warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.


For said considerations the assignor hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary declaration, oath, or affidavit relating thereto, and any application for the reissue or extension of any Patent that may be granted upon said application, and any and all applications and other documents for Patent in foreign countries on said invention or improvements that said assignee, its successors, or assigns may deem necessary or expedient, and for the said considerations the assignor further agrees, upon the request of said assignee, its successors, or assigns, to cooperate to the best of the ability of the assignor with said assignee, its successors, or assigns, in any proceedings or transactions involving such application or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts

necessary to obtain and enforce said Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors, and assigns, whereby said patent will be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.


Date: 16 Dec 2014

  
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Ozgur ISIK

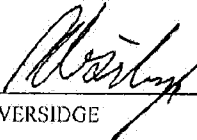
Date: 16 DEC 2014

  
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Philip Raymond GRIPPO

Date: 16 DEC 2014

  
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Dushmantha Nuwan Prasanna THALAKOTUNA

Date: 16 Dec 2014

  
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Peter J. LIVERSIDGE