

# PATENT ASSIGNMENT

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| SUBMISSION TYPE:                                                                                                   | NEW ASSIGNMENT                |
| NATURE OF CONVEYANCE:                                                                                              | ASSIGNMENT                    |
| <b>CONVEYING PARTY DATA</b>                                                                                        |                               |
| Name                                                                                                               | Execution Date                |
| Mobile Satellite Ventures, LP                                                                                      | 02/17/2006                    |
| <b>RECEIVING PARTY DATA</b>                                                                                        |                               |
| Name:                                                                                                              | ATC Technologies, LLC         |
| Street Address:                                                                                                    | 10802 Parkridge Boulevard     |
| City:                                                                                                              | Reston                        |
| State/Country:                                                                                                     | VIRGINIA                      |
| Postal Code:                                                                                                       | 20191                         |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                   |                               |
| Property Type                                                                                                      | Number                        |
| Application Number:                                                                                                | 12689590                      |
| <b>CORRESPONDENCE DATA</b>                                                                                         |                               |
| Fax Number:                                                                                                        | (919)854-1401                 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                               |                               |
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| Correspondent Name:                                                                                                | Susan E. Freedman/MBSS        |
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| Address Line 4:                                                                                                    | Raleigh, NORTH CAROLINA 27612 |
| ATTORNEY DOCKET NUMBER:                                                                                            | 9301-152DV                    |
| NAME OF SUBMITTER:                                                                                                 | Susan E. Freedman             |
| Total Attachments: 2<br>source=9301-152Fam_Assignment_ATC#page1.tif<br>source=9301-152Fam_Assignment_ATC#page2.tif |                               |

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**PATENT**  
**REEL: 024280 FRAME: 0115**

## ASSIGNMENT

THIS ASSIGNMENT, made by **Mobile Satellite Ventures, LP**, a Delaware limited partnership, having a principal place of business at Reston, County of Fairfax, State of Virginia, hereinafter referred to as assignor;

WITNESSETH: That,

WHEREAS, the above-named corporation is the owner of the entire right, title, and interest in and to certain new and useful improvements in **ADAPTIVE BEAM FORMING WITH MULTI-USER DETECTION AND INTERFERENCE REDUCTION IN SATELLITE COMMUNICATION SYSTEMS AND METHODS** for which an application for United States Letters Patent was filed in the United States Patent and Trademark Office on January 3, 2006 and has been assigned Application Serial No. 11/324,711;

WHEREAS, **ATC Technologies, LLC**, a Delaware limited liability corporation, having its principal place of business at Reston, County of Fairfax, State of Virginia, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the above assignor has sold and by these presents does hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by assignor if this assignment and sale had not been made.

The assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

The assignor further covenants and agrees that, at the time of the execution and delivery of these presents, it possesses full title to the invention and patent application thereon as earlier identified, and that it has the unencumbered right and authority to make this assignment.

The assignor further covenants and agrees to promptly communicate to said assignee or its representatives any facts known to the assignor relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and the assignor hereby instructs, and further covenants and agrees to bind its legal representatives and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, the assignor has caused this assignment to be executed this 17<sup>th</sup> day of February, 2006.

By: Randy Segal (SEAL)  
 Randy S. Segal  
 Senior Vice President and General Counsel  
 Mobile Satellite Ventures, LP

STATE OF VIRGINIA     )  
                                           ) ss:  
 COUNTY OF FAIRFAX     )

Before me personally appeared Randy S. Segal, to me known to be the person described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same for the purposes therein stated, this 17<sup>th</sup> day of February, 2006

Karen J. Maddox  
 Notary Public

(SEAL)  
 My Commission Expires: 7/31/09