

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Santanu Dutta</td><td>04/14/2004</td></tr><tr><td>Peter D. Karabinis</td><td>04/14/2004</td></tr></tbody></table>	Name	Execution Date	Santanu Dutta	04/14/2004	Peter D. Karabinis	04/14/2004					
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Mobile Satellite Ventures, LP</td></tr><tr><td>Street Address:</td><td>10802 Parkridge Boulevard</td></tr><tr><td>City:</td><td>Reston</td></tr><tr><td>State/Country:</td><td>VIRGINIA</td></tr><tr><td>Postal Code:</td><td>20191</td></tr></table>	Name:	Mobile Satellite Ventures, LP	Street Address:	10802 Parkridge Boulevard	City:	Reston	State/Country:	VIRGINIA	Postal Code:	20191	
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PROPERTY NUMBERS Total: 1											
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Application Number:	11095007										
CORRESPONDENCE DATA											
Fax Number: (919)854-1401 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Susan E. Freedman										
Total Attachments: 3 source=84CT_Assignment#page1.tif source=84CT_Assignment#page2.tif											

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PATENT  
REEL: 017645 FRAME: 0606



**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Santanu Dutta**, citizen of the United States, residing at 201 Tawny Ridge Lane, Cary, NC 27513; and **Peter D. Karabinis**, citizen of the United States of America, residing at 101 Chalon Drive, Cary, NC 27511;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **SYSTEMS AND METHODS FOR HANDOVER BETWEEN SPACE BASED AND TERRESTRIAL RADIOTERMINAL COMMUNICATIONS, AND FOR MONITORING TERRESTRIALLY REUSED SATELLITE FREQUENCIES AT A RADIOTERMINAL TO REDUCE POTENTIAL INTERFERENCE** for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, **Mobile Satellite Ventures, LP**, a Delaware limited partnership, having a principal place of business at 10802 Parkridge Boulevard, Reston, Virginia 20191-5416, 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 Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do 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 us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us 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 we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 14<sup>th</sup> day of April, 2004.

Santanu Dutta (SEAL)  
Santanu Dutta

STATE OF VIRGINIA                    )  
  ) ss:  
COUNTY OF FAIRFAX            )

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 14<sup>th</sup> day of April, 2004.

Marilyn J. Harrington  
Notary Public

SEAL  
My Commission Expires: My Commission Expires December 31, 2006

APRIL, 2004.

(SEAL)

STATE OF VIRGINIA )

SS:

14<sup>th</sup> day of APRIL, 2004.

Marilyn J. Harrington  
Notary Public

My Commission Expires: My Commission Expires December 31, 2006