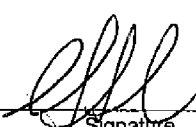


<b>FORM PTO-1595</b> (Rev. 3/01) OMD NO. 0651-0011 exp. 5/31/2002)		<b>Recordation Form Cover Sheet</b> <b>PATENTS ONLY</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <b>ArrayComm, Inc.</b>  Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			2. Name and address of receiving party(ies): Name: <u>ArrayComm LLC.</u>  Internal Address: _____  Street Address: <u>2480 N. First Street, Suite 200</u>  City: <u>San Jose</u> State/Province: <u>CA</u> Zip: <u>95131.</u> Country: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of Conveyance <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input checked="" type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date(s): <u>November 16, 2005</u>			4. Application Number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <div style="text-align: center; font-size: 1.2em;">             See Attached              "SCHEDULE A"           </div> B. Patent No.(s) Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Blakely, Sokoloff, Taylor &amp; Zafman LLP</u> Internal Address: _____ Street Address: <u>12400 Wilshire Boulevard, 7<sup>th</sup> Floor</u> City: <u>Los Angeles</u> State: <u>California</u> Zip: <u>90025</u>			6. Total number of applications and patents involved: <u>11</u>  7. Total Fee (37 CFR 3.41).....\$ <u>440.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  8. Deposit Account Number: <u>02-2666</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document</i>  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Gregory. D. Caldwell (Reg. 39,926)</u>            Name of Person Signing         </div> <div style="width: 30%; text-align: center;">             Signature         </div> <div style="width: 30%; text-align: center;"> <u>12/2/05</u>            Date         </div> </div> <div style="text-align: right; margin-top: 5px;">         Total number of pages including cover sheet, attachments, and document: <u>6</u> </div>					

Mail documents to be recorded with required cover sheet information to:  
 Assistant Commissioner of Patents, Box Assignments  
 Washington, D.C. 20231

Atty Docket No. 015685.P114; 15685.P050; 15685.P099; 15685.P101; 15685.P105; 15685.P117; 15685.P118;  
 15685.P119; 15685.P123; 15685.P113; 15685.P129

CH \$440.00 022666 09966372

**Schedule A****Patent Applications Assigned  
from ArrayComm, Inc. to ArrayComm LLC.**

<b>BSTZ Docket No.</b>	<b>Title</b>	<b>App. No.</b>	<b>Filing Date</b>
15685.P114	Antenna Array for Point-to-Point Microwave Radio System	09/966,372	9/27/2001

**Inventors** Christopher R. Uhlik  
Mithat C. Dogan

**Assignee** ArrayComm      **Recorded** 2/4/2002      **Reel** 012588      **Frame** 0678

<b>BSTZ Docket No.</b>	<b>Title</b>	<b>App. No.</b>	<b>Filing Date</b>
15685.P050	Training Sequences for Peak to Average Power Constraining Modulation Formats	09/967,056	9/28/2001

**Inventors** Mithat C. Dogan  
Mitchell D. Trott

**Assignee** ArrayComm, Inc.      **Recorded** 9/28/2001      **Reel** 012227      **Frame** 0204

<b>BSTZ Docket No.</b>	<b>Title</b>	<b>App. No.</b>	<b>Filing Date</b>
15685.P099	Adaptive Antenna Array with Programmable Sensitivity	09/967,896	9/28/2001

**Inventors** Athanasios A. Kasapi  
Mitchell D. Trott

**Assignee** ArrayComm, Inc.      **Recorded** 11/6/2002      **Reel** 013460      **Frame** 0893

<b>BSTZ Docket No.</b>	<b>Title</b>	<b>App. No.</b>	<b>Filing Date</b>
15685.P101	Calibration of Wideband Radios and Antennas Using a Narrowband Channel	09/967,127	9/28/2001

**Inventors** Erik D. Lindskog  
Mitchell D. Trott

**Assignee** ArrayComm, Inc.      **Recorded** 1/18/2002      **Reel** 012512      **Frame** 0625

<b>BSTZ Docket No.</b>	<b>Title</b>	<b>App. No.</b>	<b>Filing Date</b>
15685.P105	A Method and Apparatus for Adjusting Feedback of a Remote Unit	09/967,858	9/28/2001

**Inventors** Craig H. Barratt  
David M. Parish

**Assignee** ArrayComm, Inc.      **Recorded** 1/24/2002      **Reel** 012541      **Frame** 0596

**Schedule A****Patent Applications Assigned  
from ArrayComm, Inc. to ArrayComm LLC.**

BSTZ Docket No.	Title	App. No.	Filing Date
15685.P117	Operating Time Division Duplex (TDD) Wireless Systems in Paired Spectrum (FDD) Allocations	09/967,637	9/28/2001

**Inventors** Craig H. Barratt  
Christopher Uhlik

Assignee	Recorded	Reel	Frame
<b>BSTZ Docket No.</b> 15685.P118	<b>Title</b> Channel Assignments in a Wireless Communication System Having Spatial Channels Including Enhancements in Anticipation of New Subscriber Requests	<b>App. No.</b> 09/967,882	<b>Filing Date</b> 9/28/2001

**Inventors** Athanasios A. Kasapi  
Peter G. Khoury

<b>Assignee</b> Array Comm, Inc.	<b>Recorded</b> 1/24/2002	<b>Reel</b> 012541	<b>Frame</b> 0581
<b>BSTZ Docket No.</b> 15685.P119	<b>Title</b> Coupled Uplink/Downlink Power Control and Spatial Processing with Adaptive Antenna Arrays	<b>App. No.</b> 09/967,857	<b>Filing Date</b> 9/28/2001

**Inventors** Mike Youssefmir  
Mitchell D. Trott

<b>Assignee</b> ArrayComm, Inc	<b>Recorded</b> 1/9/2002	<b>Reel</b> 012453	<b>Frame</b> 0328
<b>BSTZ Docket No.</b> 15685.P123	<b>Title</b> Method and Apparatus for Efficient Storage of Training Sequences for Peak to Average Power Constrained Modulation Formats	<b>App. No.</b> 09/967,208	<b>Filing Date</b> 9/28/2001

**Inventors** Mithat C. Dogan  
Mitchell D. Trott

<b>Assignee</b> ArrayComm, Inc.	<b>Recorded</b> 1/30/2002	<b>Reel</b> 012570	<b>Frame</b> 0171
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**Schedule A****Patent Applications Assigned  
from ArrayComm, Inc. to ArrayComm LLC.**

<b>BSTZ Docket No.</b>	<b>Title</b>	<b>App. No.</b>	<b>Filing Date</b>
15685.P113	Method and Apparatus for Increasing Spectral Efficiency Using Mitigated Transmit Power Near Band-Edge	10/036,779	12/31/2001

**Inventors** Marc Goldberg**Assignee** ArrayComm, Inc.      **Recorded** 7/29/2002      **Reel** 013147      **Frame** 0559

<b>BSTZ Docket No.</b>	<b>Title</b>	<b>App. No.</b>	<b>Filing Date</b>
15685.P129	Coordinated Hopping in Wireless Networks Using Adaptive Antenna Arrays	10/037,362	12/31/2001

**Inventors** Elvino S. Sousa  
Athos Kasapi**Assignee** ArrayComm, Inc.      **Recorded** 3/23/2002      **Reel** 012753      **Frame** 0571

## PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT ("Assignment"), is effective on the 28<sup>th</sup> day of April, 2005, and is made by ArrayComm, Inc., a Delaware corporation, with a place of business at 2480 N. First Street, Suite 200, San Jose, California, 95131-1014 ("Assignor").

WHEREAS, Assignor has entered into a Contribution Agreement, dated April 28, 2005 the "Contribution Agreement" with ArrayComm LLC., a Delaware limited liability company, having a place of business at 2480 N. First Street, Suite 200, San Jose, California, 95131-1014 ("Assignee"), pursuant to which Assignor has agreed to contribute to Assignee, and Assignee has agreed to acquire, all of the Assignor's intellectual property, including but not limited to, patents and patent applications.

WHEREAS, in connection with the foregoing, Assignor is willing to assign to Assignee all of Assignor's right, title and interest in, to and under all of the U.S. and foreign patents and patent applications listed on Schedule A attached hereto, including any and all inventions with respect thereto (collectively, the "Patents"); and

WHEREAS, Assignee desires to acquire all of Assignor's right, title and interest in, to and under the Patents.

NOW, THEREFORE, for good and valuable consideration as set forth herein and in the Contribution Agreement, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, all of Assignor's right, title and interest in, to and under all of the Patents including original, divisional, substitute, renewal, continuations thereof, any and all inventions and know-how related to the Patents (including those disclosed, undisclosed, claimed and any equivalents), and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof (including, without limitation, all proceeds thereof and the rights to sue for past, present and future damages), and all applications for Letters Patent which are filed or may hereafter be filed for the Patents in any country or countries foreign to the United States, and all Letters Patent which may be granted and/or issued for the Patents in any country or countries foreign to the United States.

Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to record Assignee as the owner of all such Patents and to issue all Letter Patents for said Patents to Assignee, as assignee of the Patents and applications listed on Schedule A hereto, for the sole use of Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Assignor and the Assignors' legal representatives hereby covenant and agree to execute such documents and do all other things necessary to effectuate the intent and purpose of this Assignment

By: ArrayComm Inc  
[Signature]  
Name: John Mottram  
Title: President  
STATE OF ILLINOIS  
COUNTY OF DUPAGE

By: ArrayComm LLC  
[Signature]  
Name: Steve Sifferman  
Title: Executive Vice President Operations  
)  
) ss.  
)

Subscribed and sworn to before me  
this 16<sup>th</sup> day of November, 2005.

[Signature]  
Notary Public

Commission Expires: 2/5/09