

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>W. Kurt Dobson</td><td>09/18/2003</td></tr><tr><td>Dirk Ostermiller</td><td>09/19/2003</td></tr><tr><td>Sy Prestwich</td><td>09/19/2003</td></tr><tr><td>Scott Bevan</td><td>09/19/2003</td></tr></tbody></table> | Name | Execution Date | W. Kurt Dobson | 09/18/2003 | Dirk Ostermiller | 09/19/2003 | Sy Prestwich | 09/19/2003 | Scott Bevan | 09/19/2003 | |
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| W. Kurt Dobson | 09/18/2003 | | | | | | | | | | |
| Dirk Ostermiller | 09/19/2003 | | | | | | | | | | |
| Sy Prestwich | 09/19/2003 | | | | | | | | | | |
| Scott Bevan | 09/19/2003 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | SPECTRUM5, Inc. | | | | | | | | | | |
| Street Address: | 11718 Lone Peak Parkway, Suite 200 | | | | | | | | | | |
| City: | Draper | | | | | | | | | | |
| State/Country: | UTAH | | | | | | | | | | |
| Postal Code: | 84020 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11427256</td></tr></tbody></table> | Property Type | Number | Application Number: | 11427256 | | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 11427256 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | (801)606-2774 | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 801-537-1700 | | | | | | | | | | |
| Email: | austin@maiplaw.com | | | | | | | | | | |
| Correspondent Name: | Wesley L. Austin | | | | | | | | | | |
| Address Line 1: | 15 W. South Temple, Suite 900 | | | | | | | | | | |
| Address Line 4: | Salt Lake City, UTAH 84101 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 3479.2.2.6 | | | | | | | | | | |
| NAME OF SUBMITTER: | Wesley L. Austin | | | | | | | | | | |
| Total Attachments: 2 source=Assignment_3479-2-2-6#page1.tif | | | | | | | | | | | |

OP \$40.00 11427256

500557847

PATENT
REEL: 021046 FRAME: 0545

ASSIGNMENT

WHEREAS, W. Kurt Dobson, Dirk Ostermiller, Sy Prestwich and Scott Bevan have made an invention or discovery entitled **A MATCHED FILTER FOR SCALABLE SPREAD SPECTRUM COMMUNICATIONS SYSTEMS** which is described and claimed in the attached United States patent application; and

WHEREAS, Spectrum5, Inc., (SPECTRUM5), a Utah Corporation, is desirous of acquiring all his rights, title and interest in said invention or discovery:

NOW, THEREFORE, in return for good and valuable consideration, receipt of which is hereby acknowledged, I by these presents do sell, assign, and transfer unto SPECTRUM5 all my rights, title and interest in and to the following: (1) said invention or discovery as described in said application, (2) said application, (3) any letters Patent issuing from said application and (4) all intellectual property (including patent rights, trade secrets and copyrights) in or to said invention or discovery. Said assignment is without any geographic limitation and shall include the United States of America and all foreign countries. All my rights, title and interest in said invention or discovery, said application, any Letters Patent issuing from said application and said intellectual property are to be held and enjoyed by SPECTRUM5, for its own use and behalf, and for that of its legal representatives and assigns, as fully and entirely as the same would have been held by me had this assignment and sale not been made. SPECTRUM5 shall be free to assign, license or otherwise exploit said invention or discovery, said application, any Letters Patent issuing from said application, and said intellectual property.

AND I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any other application (including divisional, continuing, reissue and foreign applications) based on the present application or said invention or discovery. Any such other application is deemed to be part of the above assignment.

AND I do further agree to communicate to SPECTRUM5, its successors, assigns or other legal representatives, such facts relating to said invention as may be known to me, and to testify as to such facts in any prosecution, interference or litigation.

EXECUTED by the undersigned on the date indicated.

INVENTOR'S SIGNATURE:
INVENTOR'S FULL NAME:



W. Kurt Dobson

Date: 9/18/2003

INVENTOR'S SIGNATURE:



Date: 9/19/2003.

INVENTOR'S FULL NAME:

Dirk Ostermiller

INVENTOR'S SIGNATURE:

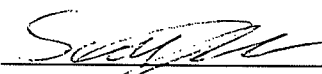


Date: 9/19/2003

INVENTOR'S FULL NAME:

Sy Prestwich

INVENTOR'S SIGNATURE:



Date: 9/19/03.

INVENTOR'S FULL NAME:

Scott Bevan