

12-09-2004



ASSIG

HEET

102898037

To: Mail Stop Assignment Recordation Services
Director of the USPTO
P.O. Box 1450
Alexandria, VA 22313-1450

Please record the attached document(s) and/or new address(es) below.

12-6-04

- 1. **Name of conveying party** (no other conveying parties attached):
 - a) John M. Cioffi
Execution Date: 18 November 2004
- 2. **Name and address of receiving party** (no other receiving parties attached):
 - a) Name: Adaptive Spectrum And Signal Alignment, Inc.
Address: 201 Redwood Shores Parkway, Suite 242
Redwood City, California 94065-1191 USA
- 3. **Nature of conveyance (the undersigned certifies that the attached copy is a true copy, MPEP § 302.01):**
 - Assignment Merger Security Agreement
 - Change of Name License Agreement Other _____

4. **Application Number or Patent Number:** U.S. Serial No. 10/808,771
 Title of application: HIGH SPEED MULTIPLE LOOP DSL SYSTEM
 Attorney Docket No. 0101-p05

5. **Please send all correspondence concerning this document to:**

Sylke Law Offices, LLC
 756 N. Milwaukee Street, Suite 210
 Milwaukee, WI 53202-3719

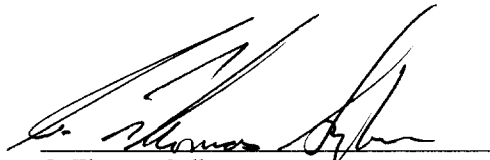
Customer Number: 36171
 Phone: 414-431-2317

2004 DEC -6 AM 10:34
 OPR/FINANCE
 RECEIVED

- 6. **Total number of applications and patents involved:** 1
- 7. **Total fee** (37 CFR §§ 1.21(h) & 3.41): \$40.00
 - Authorized to be charged by credit card
 - Authorized to be charged to deposit account
 - Enclosed

8. **Payment Information** a. Credit Card -- Last 4 Numbers 4682
 Expiration Date 04/2007

Date: December 1, 2004


 C. Thomas Sylke
 Registration No. 32,312

Total of 2 pages for recording, including cover sheet and attachment

12/08/2004 MSETACHE 00000089 10808771

01 FC:8021 40.00 DP

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

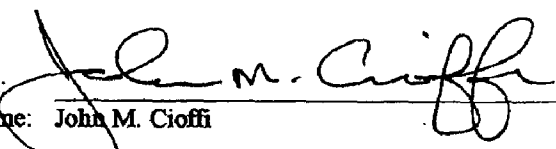
HIGH SPEED MULTIPLE LOOP DSL SYSTEM

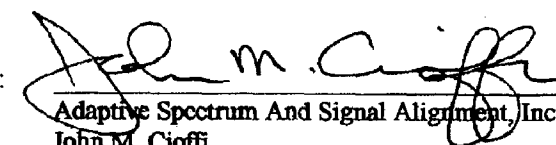
(Atty. Docket No. 0101-p05), filed March 25, 2004, which bears United States Application No. 10/808,771.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to Adaptive Spectrum And Signal Alignment, Inc., a California corporation having a place of business at 201 Redwood Shores Parkway, Suite 242, Redwood City, California 94065-1191 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon, the above-referenced application, including foreign applications and patents and the right to claim priority from the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to take any appropriate action in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Inventor - Signature:  Date: 11-18-04
Typed Name: John M. Cioffi

Assignee - Signature:  Date: 11-18-04
Assignee: Adaptive Spectrum And Signal Alignment, Inc.
By: John M. Cioffi
Title: CEO

Attorney Docket No. 0101-p05

United States Serial No. 10/808,771