

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
fredric j. harris	11/08/2006
Erik H. Kjeldsen	11/10/2006
RECEIVING PARTY DATA	
Name:	Scientific Research Corporation
Street Address:	2300 Windy Ridge Parkway
Internal Address:	Suite 400 South
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30339
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11558613
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Address Line 4:	Atlanta, GEORGIA 30309
ATTORNEY DOCKET NUMBER:	34415/336192
NAME OF SUBMITTER:	Margaret A. Cogburn
Total Attachments: 5	
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**PATENT**  
**REEL: 018507 FRAME: 0319**

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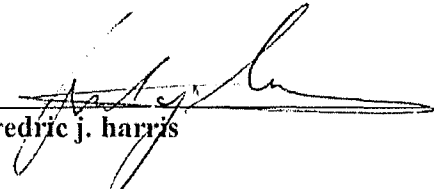
## ASSIGNMENT

WHEREAS, we, **fredric j. harris** , and **Erik H. Kjeldsen** (hereinafter referred to as ASSIGNORS), have invented certain inventions and improvements disclosed in an application for Letters Patent entitled **"System and Method for Orthogonally Multiplexed Signal Transmission and Reception on a Non-Contiguous Spectral Basis,"** about to be filed in the United States Patent and Trademark Office; and

WHEREAS, Scientific Research Corporation, a corporation of the State of Georgia, having a principal place of business at 2300 Windy Ridge Parkway, Suite 400 South, Atlanta, Georgia 30339 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United

States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

  
fredric j. harris

STATE OF CALIFORNIA

Before me, a Notary Public in and for the State of CA, on this 9 day of November, 2006, personally appeared **fredric j. harris**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

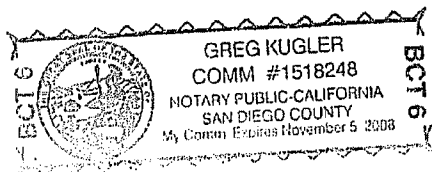
See attached Acknowledgment  
NOTARY PUBLIC  
My Commission Expires:

State of CALIFORNIA  
County of SAN DIEGO

On 11/8/06 before me, GREG KUGLER, NOTARY PUBLIC  
(DATE) (NAME/TITLE OF OFFICER - i.e. "JANE DOE, NOTARY PUBLIC")

personally appeared Frederic J Harris  
(NAME(S) OF SIGNER(S))

☐ personally known to me -OR- ☒



proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.

(SEAL)

(SIGNATURE OF NOTARY)

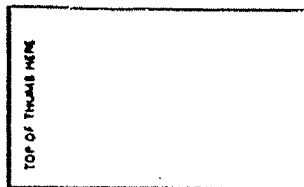
#### ATTENTION NOTARY

The information requested below and in the column to the right is OPTIONAL. Recording of this document is not required by law and is also optional. It could, however, prevent fraudulent attachment of this certificate to any unauthorized document.

THIS CERTIFICATE  
MUST BE ATTACHED  
TO THE DOCUMENT  
DESCRIBED AT RIGHT:

Title or Type of Document Assignment  
Number of Pages \_\_\_\_\_ Date of Document 11/8/06  
Signer(s) Other Than Named Above \_\_\_\_\_

RIGHT THUMBPRINT (Optional)

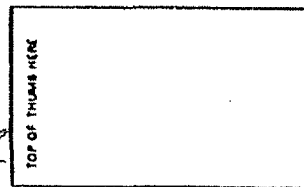


CAPACITY CLAIMED BY SIGNER(S)  
☐ INDIVIDUAL(S)  
☐ CORPORATE \_\_\_\_\_

OFFICER(S) \_\_\_\_\_  
(TITLE)  
☐ PARTNER(S) ☐ LIMITED  
☐ GENERAL  
☐ ATTORNEY IN FACT  
☐ TRUSTEE(S)  
☐ GUARDIAN/CONSERVATOR  
☐ OTHER: \_\_\_\_\_

SIGNER IS REPRESENTING:  
(Name of Person(s) or Entity(ies))  
\_\_\_\_\_  
\_\_\_\_\_

RIGHT THUMBPRINT (Optional)



CAPACITY CLAIMED BY SIGNER(S)  
☐ INDIVIDUAL(S)  
☐ CORPORATE \_\_\_\_\_

OFFICER(S) \_\_\_\_\_  
(TITLE)  
☐ PARTNER(S) ☐ LIMITED  
☐ GENERAL  
☐ ATTORNEY IN FACT  
☐ TRUSTEE(S)  
☐ GUARDIAN/CONSERVATOR  
☐ OTHER: \_\_\_\_\_

SIGNER IS REPRESENTING:  
(Name of Person(s) or Entity(ies))  
\_\_\_\_\_  
\_\_\_\_\_



PATENT

REEL: 018507 FRAME: 0323

JURAT (Assignment)

State of California

County of SAN DIEGO

Subscribed and sworn to (or affirmed) before me on

this 8<sup>TH</sup> day of November, 2006,

by Fredric J. HARRIS

personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



(seal)

Signature

Erik H. Kjeldsen  
Erik H. Kjeldsen

STATE OF GEORGIA

Before me, a Notary Public in and for the State of Georgia, on this 10<sup>th</sup> day of November, 2006, personally appeared **Erik H. Kjeldsen**, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

Christine J. Lewis  
NOTARY PUBLIC  
My Commission Expires: October 18, 2008

MY COMMISSION EXPIRES OCT. 18, 2008