

MID 10-14-99

OCT 14 1999

0321.63127

01-12-2000

FORM PTO-1595

(Rev. 8-93)

OMB No. 0651-0011 (exp. 4-97)

PATENT &amp; TRADEMARK OFFICE



101215757

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings ○ ○ ○ ▼

To the Honorable Commissioner of Patents

Original documents or copy thereof.

## 1. Name of conveying party(ies):

Henry D.I. Abarbanel, Lawrence E.  
Larson, Nikolai F. Rulkov, Mikhail  
M. Sushchik, Lev S. Tsimring,  
Alexander R. VolkovskiiAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

The Regents of the  
Name: University of CaliforniaInternal Address: 9500 Gilman Drive  
LaJolla, California 92093-0910

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒
- Assignment
- ☐
- Merger
- 
- ☐
- Security Agreement
- ☐
- Change of Name
- 
- ☐
- Other \_\_\_\_\_

Execution Date: Sept. 8 & 24, 1999

## 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: Sept. 3, 8, 24, 1999

A. Patent Application No.(s)

09/376440

B. Patent No.(s)

10/15/1999 ASHLE 00000063 09376440

03 FC:581

40.00 OP

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Greer, Burns & Crain, Ltd.Internal Address: Suite 8660 - Sears Tower  
233 South Wacker Drive  
Chicago, IL 60606

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account only  
in the event proper payment is not enclosed.

## 8. Deposit account number:

07-2069

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Steven P. Fallon

Name of Person Signing

Signature

Oct. 11, 1999

Date

Total number of pages including cover sheet, attachments, and document:

5

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

## ASSIGNMENT

WHEREAS, HENRY D.I. ABARBANEL, a citizen of US, residing at 1100 Crest Road, Del Mar, California 92014, LAWRENCE E. LARSON, a citizen of US, residing at 13771 Mercado Drive, Del Mar, California 92014, NIKOLAI F. RULKOV, a citizen of Russia, residing at 10669 Bernabe Drive, San Diego, CA 92129, MIKHAIL M. SUSHCHIK, a citizen of Russia, residing at 8949 Lombard Place, #419, San Diego, California 92122, LEV S. TSIMRING, a citizen of Russia, residing at 8940 Montrose Way, San Diego, California 92122, and ALEXANDER R. VOLKOVSKII, a citizen of Russia, residing at 8098 Regents Road, Apt. 202, San Diego, CA, referred to as ASSIGNOR, have invented and own a certain invention entitled:

### **CHAOTIC CARRIER PULSE POSITION MODULATION COMMUNICATION SYSTEM AND METHOD**

for which application for Letters Patent of the United States has been filed on August 18, 1999, and accorded Serial No. \_\_\_\_\_;

WHEREAS, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a non-profit organization of the State of California having a place of business at 9500 Gilman Drive, La Jolla, California 92093-0910, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire interest in, to and under said invention and any United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that for good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR also assigns all of its right, title and interest in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and ASSIGNOR will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Date 8 September 1999

Henry D.I. Abarbanel  
Henry D.I. Abarbanel

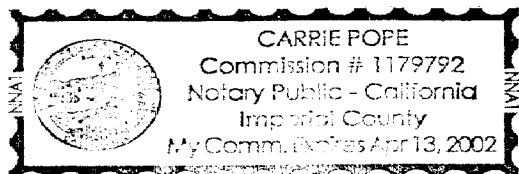
State of California

County of San Diego

) ss: 553-58-2207  
)

I hereby certify that HENRY D.I. ABARBANEL before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 8<sup>th</sup> day of Sept., 1999.

(Notarial Seal)



Carrie Pope  
Notary Public  
My commission expires:

4-13-2002

Date September 8, 1999

Lawrence E. Larson  
Lawrence E. Larson

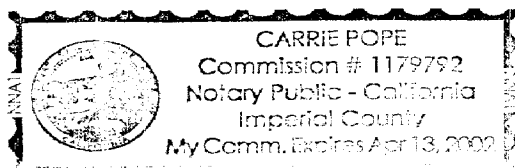
State of California

County of San Diego

) ss: 411-88-3496  
)

I hereby certify that LAWRENCE E. LARSON before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 8<sup>th</sup> day of Sept., 1999.

(Notarial Seal)



Carrie Pope  
Notary Public  
My commission expires:

4-13-2002

Date 9/8/99

Nikolai F. Rulkov  
Nikolai F. Rulkov

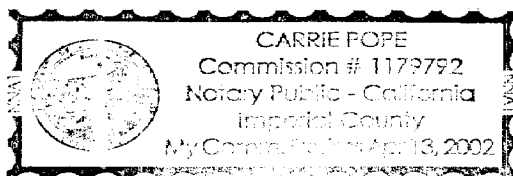
State of California

County of San Diego

)  
) ss: 610-62-4732  
)

I hereby certify that NIKOLAI F. RULKOV before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 8th day of Sept., 1999.

(Notarial Seal)



Carrie Pope  
Notary Public  
My commission expires:

4-13-2002

Date 9/24/99

Mikhail M. Sushchik  
Mikhail M. Sushchik

State of California

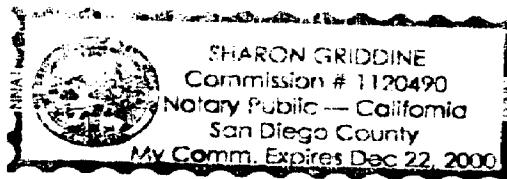
County of San Diego

)  
) ss:  
)

I hereby certify that MIKHAIL M. SUSHCHIK before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 24th day of September, 1999.

(Notarial Seal)

Sharon Griddine  
Notary Public  
My commission expires:  
Dec 22, 2000



Date Sept. 8, 1999

Lev S. Tsimring  
Lev S. Tsimring

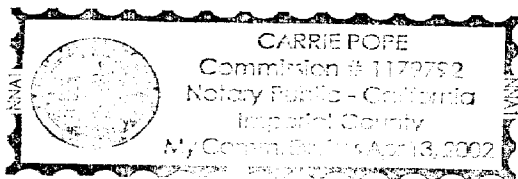
State of California

County of San Diego

)  
) ss: 620-52-4347  
)

I hereby certify that LEV S. TSIMRING before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 8<sup>th</sup> day of Sept, 1999.

(Notarial Seal)



Carrie Pope  
Notary Public  
My commission expires:

4-13-2002

Date Sept. 8, 1999

Alexander R. Volkovskii  
Alexander R. Volkovskii

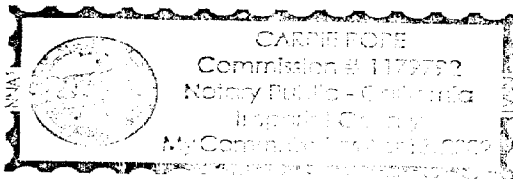
State of California

County of San Diego

)  
) ss: 604-02-8373  
)

I hereby certify that ALEXANDER R. VOLKOVSKII before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 8<sup>th</sup> day of Sept., 1999.

(Notarial Seal)



Carrie Pope  
Notary Public  
My commission expires:

4-13-2002