

11-30-2001

Docket No.: 10535.2

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(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08/REV03

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Kiril B. Chukanov**

11/21/01

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: **November 21, 2001**

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

Name: **Chukanov Quantum Energy, L.L.C.**

Internal Address:

Street Address: **6648 South 3335 West**City: **West Jordan**State: **UT**ZIP: **84084**Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: **November 21, 2001**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Berne S. Broadbent**Internal Address: **Kirton & McConkie**Street Address: **60 East South Temple****1800 Eagle Gate Tower**City: **Salt Lake City** State: **UT** ZIP: **84111**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41):.....\$ **40.00**☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

**500843**

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

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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.

**Berne S. Broadbent**

Name of Person Signing

Signature

**November 21, 2001**

Date

**4**

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

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

**PATENT**  
**REEL: 012320 FRAME: 0706**

11/29/2001 U.S. PTO

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ASSIGNMENT

I, Kiril B. Chukanov, an individual whose residence and post office address is 6648 South 3335 West, West Jordan, Utah 84084, have invented a method and apparatus entitled "Methods and Systems for Generating High-Energy Photons or Quantum Energy" (hereinafter called the "invention.")

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by me and now identified as File No. 10535.2 of KIRTON & McCONKIE, 1800 Eagle Gate Tower, 60 East South Temple Street, P.O. Box 45120, Salt Lake City, Utah 84145-0120, and filed in the United States Patent and Trademark Office on \_\_\_\_\_ as Serial No. \_\_\_\_\_. (I hereby authorize Berne S. Broadbent to insert said serial number and filing date when known.)

The Assignee, Chukanov Quantum Energy, L.L.C., a Utah limited liability company having a principal place of business at 6648 South 3335 West, West Jordan, Utah 84084 desires to secure the entire right, title and interest in said invention.

In consideration of One Dollar (\$1.00), and other good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, I  
HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title, and interest in said invention; in the above-identified United States patent application, and in all divisions, continuations and continuations-in-part of said application, and all reissues and extensions of Letters Patent and Patents granted thereon; in all corresponding applications filed in countries foreign to the United States; and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

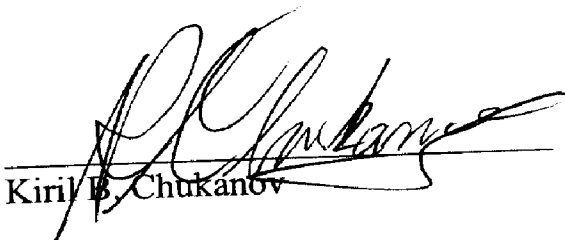
I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns, and legal representatives.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

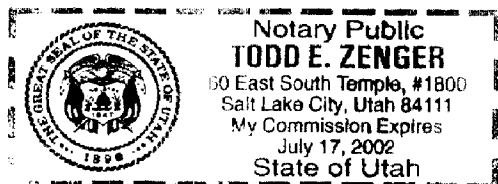
Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reexamination, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon my heirs and legal representatives.

  
Kiril B. Chukanov

STATE OF UTAH )  
 : SS.  
COUNTY OF SALT LAKE )

On November 21, 2001, before me personally appeared Kiril B. Chukanov, known to me to be the person described, who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.



Todd E. Zenger  
NOTARY PUBLIC  
Residing at Salt Lake City, Utah

My Commission Expires:

July 17, 2002

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