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Docket No.: 76855-35 /aba

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08A/REV04



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

Lijie Qiao  
Paul J. Vella

12-2606

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: December 20, 2006 and December 19,  
2006

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

Name: BTI Photonic Systems Inc.Address: 50 Northside RoadCity: Ottawa State/Prov.: OntarioCountry: Canada ZIP: K2H 5Z6

Additional name(s) &amp; address(es)

☐ 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: December 20, 2006

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: R. Allan BrettRegistration No. 40,476Address: SMART & BIGGAR

P.O. Box 2999, Station D

55 Metcalfe Street

City: Ottawa State/Prov.: OntarioCountry: Canada ZIP: K1P 5Y6

## 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:

19-2550

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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.

R. Allan Brett (Reg. No. 40,476)

Name of Person Signing

Signature

December 20, 2006

Date

4

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PATENT

REEL: 018738 FRAME: 0422

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RAB:JFS:slr 76855-35

## ASSIGNMENT

WHEREAS, we, LIJIE QIAO and PAUL J. VELLA, citizens of China and Canada, respectively, residing at, respectively, 44 Ullswater Drive, Ottawa, Ontario, K2H 5H5, Canada and 3052 Uplands Drive, Ottawa, Ontario, K1V 0A7, Canada (hereinafter referred to as the "Assignors"), have made certain inventions and discoveries disclosed in United States Patent Application to be filed in the United States of America, entitled METHOD AND APPARATUS FOR AMPLIFIED SPONTANEOUS EMISSION CORRECTED AUTOMATIC SIGNAL POWER CONTROL OF AN OPTICAL AMPLIFIER, claiming priority from United States Provisional Patent Application Serial No. 60/805,817 filed June 26, 2006 (hereinafter referred to as the "Application");

AND WHEREAS, BTI PHOTONIC SYSTEMS INC., whose full post office address is 50 Northside Road, Ottawa, Ontario, K2H 5Z6, Canada (hereinafter referred to as the "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions and discoveries, and in and to the Application inclusive of any and all priority rights derived therefrom for any and all countries in the world, and in and to any and all Letters Patent issuing in any and all countries in the world, to be granted for said inventions and discoveries based on said Application or on patent applications filed in any country claiming priority from said Application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the Assignors, do hereby sell, assign, transfer, and set over unto the Assignee, its successors and assigns, ~~our entire right, title, and interest in and to the inventions and discoveries disclosed in the Application,~~ and in and to the Application and any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all patent applications and any continuations or divisions thereof filed in any country claiming priority from the Application, and in and to all Letters Patent which may be granted upon the Application or upon patent applications filed in any and all countries in the world including the United States of America, claiming priority from the Application, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by the Assignee for its own use and behoof, and for the use and behoof of its successors and assigns, to the full end of the term or terms for which said Letters Patent, or reissues, substitutions, or prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made;

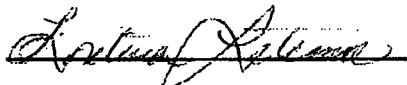
AND we hereby agree that, upon request, and without further consideration, but at the expense of the Assignee, we will communicate to the Assignee or its representatives or nominees any facts known to us respecting said inventions and discoveries and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths

and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said inventions and discoveries in all countries, and we further agree to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to said inventions and discoveries, and in and to any and all Letters Patent or reissues thereof which may be granted upon application in any and all countries in the world.


AND we hereby authorize and request any official whose duty it is to issue patents to issue each and every Letters Patent to be granted upon the aforesaid Applications in any and all countries, and each and every reissue of said Letters Patent, to the Assignee, its successors and assigns, as the assignee of our entire right, title and interest therein, in accordance with this assignment.

THIS assignment made effective as of June 26, 2006.

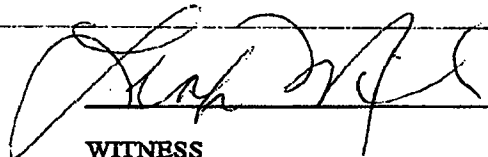
SIGNED this day of Dec. 20, 2006 .



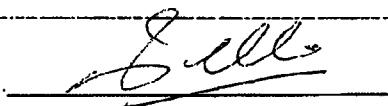
WITNESS

  
LITE QIAO

SIGNED this day of DECEMBER 19, 2006



WITNESS

  
PAUL J. VELLA

ACKNOWLEDGED AND ACCEPTED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

BTI PHOTONIC SYSTEMS INC.

BY: 

JOHN MILLS

print name

VP Product Planning  
title