

01-23-2001

FORM PTO-1619A

Expires 06/30/99

OMB 0651-0027



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Department of Commerce

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PATENT

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☐ Departmental File☐ Secret File**Conveying Party(ies)**☒ Mark if additional names of conveying parties attached

Name (line 1) Jinhui Zhai

Execution Date  
Month Day Year

12/08/2000

Name (line 2)

**Second Party**

Name (line 1) Tuviah E. Schlesinger

Execution Date  
Month Day Year

12/18/2000

Name (line 2)

**Receiving Party**☐ Mark if additional names of receiving parties attached

Name (line 1) Carnegie Mellon University

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

5000 Forbes Avenue

Address (line 2)

Address (line 3)

Pittsburgh

PA

15213

City

State/Country

Zip Code

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**PATENT**  
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**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

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**Application Number(s) or Patent Number(s)**☐

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**Patent Application Number(s)****Patent Number(s)**

09/671,441

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

PCT

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Enter PCT application number  
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has not been assigned.

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**Number of Properties**

Enter the total number of properties involved.

#

1

**Conveying Party(ies)***Enter additional Conveying Parties*☐ Mark if additional names of conveying parties attachedExecution Date  
Month Day Year

Name (line 1) Daniel D. Stancil

12/18/2000

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party(ies)***Enter additional Receiving Party(ies)*☐ Mark if additional names of receiving parties attached

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Address (line 1)

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Assignment.)**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).***Patent Application Number(s)****Patent Number(s)**



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          ☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Jinhui Zhai	3500 Hillridge Dr. #608	
(type or print name of inventors)	Plano, Texas 75074	People's Rep. Of China
	Address	Nationality
Tuviah E. Schlesinger	8 Carleton Drive	
	Mt. Lebanon, PA 15243	USA
Daniel D. Stancil	125 Westminster Drive	
	Mars, PA 16046	USA

hereby sells, assigns and transfers to

ASSIGNEE:

Carnegie Mellon University  
(type or print name of ASSIGNEE)

5000 Forbes Avenue  
Address

(a non-profit Pennsylvania organization)  
Nationality

Pittsburgh, PA 15222-2312

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled **SYSTEM AND METHOD FOR MEASURING THE SIZE OF A FOCUSED OPTICAL SPOT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☐ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention

☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.

(d) ☒ U.S. application no.: 09/671,441 filed on September 27, 2000

(e) ☐ International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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;

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

IN WITNESS WHEREOF, We have hereunto set hand and seal this 12/8/2000  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Jinhui Zhai  
(type name of Inventor)

  
Signature of INVENTOR

Tuviah E. Schlesinger

\_\_\_\_\_

Daniel D. Stancil

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☐ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Jinhui Zhai	3500 Hillridge Dr. #608	
(type or print name of inventors)	Plano, Texas 75074	People's Rep. Of China
	Address	Nationality
Tuviah E. Schlesinger	8 Carleton Drive	
	Mt. Lebanon, PA 15243	USA
Daniel D. Stancil	125 Westminster Drive	
	Mars, PA 16046	USA



hereby sells, assigns and transfers to

ASSIGNEE:

Carnegie Mellon University  
(type or print name of ASSIGNEE)

5000 Forbes Avenue  
Address

(a non-profit Pennsylvania organization)  
Nationality

Pittsburgh, PA 15222-2312

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled **SYSTEM AND METHOD FOR MEASURING THE SIZE OF A FOCUSED OPTICAL SPOT**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☐ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention

☐ Express mail label no.: \_\_\_\_\_

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filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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;

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

IN WITNESS WHEREOF, We have hereunto set hand and seal this 18 Dec 2000  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Jinhui Zhai  
(type name of Inventor)

Tuviah E. Schlesinger

Daniel D. Stancil

Signature of INVENTOR

T. E. Schlesinger  
Daniel D. Stancil

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