

11-18-2005



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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:  
A. Patent Application No(s): 11/205,782 B. Patent No(s):

Additional numbers attached? ☐ YES ☒ NO

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Robert Popa</u> <u>LADAS &amp; PARRY</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>5670 Wilshire Boulevard, #2100</u></p> <p>City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90036</u></p>	<p>6. Total number of application and patents involved: <u>[ 1 ]</u></p> <p>7. Total fee 937 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed</p> <p>Any additional fees which may be required are <input checked="" type="checkbox"/> Authorized to be charged to deposit account No. <u>12-0415</u></p> <p>8. Deposit account number: _____</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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*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.*

Robert Popa  
Name of Person Signing  
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Robert Popa  
Signature

November 15, 2005  
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(SEE PAGE 2 FOR CERTIFICATE OF MAILING)

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For: ☒ U.S. Application or ☐ U.S. Patent  
For: ☐ PCT Application  
By: ☒ Inventor(s) or ☐ Present Owner

**CONFIRMATORY ASSIGNMENT OF INVENTION**

For good and valuable consideration,

**ASSIGNORS:**

(inventor(s) or person(s) or  
entity(ies) who own the  
invention)

(1) **David T. WEI**  
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3715 Malibu Vista Drive  
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U.S.  
(Nationality)

(2) **Axel SCHERER**  
(type or print name(s) of ASSIGNOR(S))  
  
1900 Catalina Street,  
Laguna Beach, CA 92651  
(Address)  
Germany  
(Nationality)

hereby confirm that ASSIGNORS sell, assign and transfer to

**ASSIGNEE:**

**CALIFORNIA INSTITUTE OF TECHNOLOGY**  
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1200 E. California Blvd.  
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Pasadena, CA 91125, USA  
(Address)  
  
U.S.A.  
(Nationality)

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

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☐ 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 **"UTILIZING AN INTEGRATED PLASMON DETECTOR TO MEASURE A  
METAL DEPOSIT ROUGHNESS ON A SEMICONDUCTOR SURFACE"**

(check and complete (a), (b), (c) or (d))

and which is found in

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

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

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney, as named in the Declaration and Power of Attorney I executed for this invention on the execution date stated above, to insert below the filing date and application number when it becomes known.

(c) ☒ U.S. Application serial no. 11/205,782 on filed August 16, 2005, which application claims the benefit of U.S. Provisional Application Nos. 60/602,061 and 60/602,117, both filed on August 17, 2004.

(d) ☐ International application no.

(e) ☐ 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 (F) if foreign application(s) is also being assigned)

(f) ☒ 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

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS further covenant 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 ASSIGNORS 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, I/We have hereunto set hand and seal  
this 15 day of October, 2005 (date of  
signing).

David T. Wei



Signature of ASSIGNOR(S)

IN WITNESS WHEREOF, I/We have hereunto set hand and seal  
this 14 day of November, 2005 (date of  
signing).

Axel Scherer

Axel Scherer

11/14/05

Signature of ASSIGNOR(S)

(Assignment of Invention {16-3}--page 3 of 3)

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