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To the pore commissioner for Patents:				
Please record the attached original documents or copy thereto:				
1. Name of conveying party(ies):				
Name: Kameshwar POOLLA				
Additional name(s) of conveying party(ies) attached?Yes _X_No				
2. Name and address of receiving party(ies):				
Name: OnWafer Technologies, Inc.				
Street Address: 5627 Gibralter Drive, Ste 200				
City: Pleasanton State/Country: CA ZIP: 94588				
Additional name(s) & address(es) attached? Yes _X No				
3. Nature of conveyance:				
X Assignment Merger Security Agreement Change of Name Other				
Execution Date: 21 September 2006				
4. Application number(s) or patent number(s):				
If the document is being filed together with a new application, the execution date of the application is:				
A. Patent Application No(s). 10/666,932,				
B. Patent No(s).				
Additional numbers attached? Yes _X No				
5. Name and address of party to whom correspondence concerning document should be mailed:				
Name: Larry Williams				
Street Address: 3645 Montgomery Dr.				
City: Santa Rosa State/Country: CA ZIP: 95405-5212	40.00 OP			
6. Total number of applications and patents involved: _1	40.0			
7. Total fee (37 CFR 3.41) \$ 40.00				
6. Total number of applications and patents involved: _1 7. Total fee (37 CFR 3.41) \$ 40.00 X Enclosed Authorized to be charged to deposit account				
Authorized to be charged to deposit account				

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8.	Deposit	account	number:
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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.

Name and Registration No. of Person Signing

by too	Larry Williams, Reg. No. 39,428		
Signaturé			
12/19/2006			

Date

Total number of pages comprising cover sheet: 2

PATENT REEL: 018744 FRAME: 0007 Docket No.: AWS-035

INVENTION/PATENT APPLICATION ASSIGNMENT FROM INVENTORS TO COMPANY

WHEREAS I, <u>Kameshwar Poolla</u> of <u>Berkeley, CA</u>, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

METHODS AND APPARATUS FOR EQUIPMENT MATCHING AND CHARACTERIZATION,

executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on 09/17/2003, and identified by United States Serial No. 10/666,932;

AND WHEREAS, OnWafer Technologies, Inc., a corporation of the State of California and having an address of 5627 Gibralter Drive, Ste 200 Pleasanton, CA 94588, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choices in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

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invention to said assignee,	nited States that may be issued for said its legal representatives, successors or of the entire right, title and interest in and ation covered thereby.
Sept 21, 2006	Signature
STATE OF	_)) ss: _)
On this day appeared person named in and who exeto me that he/she executed to forth.	of, 20, before me personally, to me known to be the ecuted the above instrument, and acknowledged the same for the uses and purposes therein set
S E A L	Notary Public My commission expires

 ${\tt AND}\ {\tt I}\ {\tt request}$ the Commissioner of Patents and Trademarks to issue

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PATENT REEL: 018744 FRAME: 0009

RECORDED: 12/29/2006