

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John Kouvetakis</td> <td>05/18/2007</td> </tr> <tr> <td>Matthew Bauer</td> <td>06/15/2007</td> </tr> <tr> <td>John Tolle</td> <td>05/18/2007</td> </tr> </tbody> </table>		Name	Execution Date	John Kouvetakis	05/18/2007	Matthew Bauer	06/15/2007	John Tolle	05/18/2007
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John Kouvetakis	05/18/2007								
Matthew Bauer	06/15/2007								
John Tolle	05/18/2007								
RECEIVING PARTY DATA									
Name:	Arizona Board of Regents, acting for and on behalf of Arizona State University, a corporate body organized under Arizona Law								
Street Address:	The Brickyard, 699 S. Mill Avenue								
Internal Address:	Suite 601, Room 691AA								
City:	Tempe								
State/Country:	ARIZONA								
Postal Code:	85281								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10559979</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10559979				
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Application Number:	10559979								
CORRESPONDENCE DATA									
Fax Number:	(312)913-0002								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	05-720-US1								
NAME OF SUBMITTER:	David Harper								

CH \$40.00 10559979

Total Attachments: 3

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ASSIGNMENT

Case No.: 05-720-US1

Serial No.: 10/559,979

Inventors: John Kouvetakis, Matthew Bauer and John Tolle

Date of Execution
of Application:

Filing Date: December 8, 2005

In view of good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

**Arizona Board of Regents, acting for and on behalf of Arizona State University,
a corporate body organized under Arizona Law**

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Si_xSn_yGe_{1-x-y} and Related Alloy Heterostructures Based on Si, Ge, and Sn
and identified as:

Case No. 05-720-US1

in the offices of Mc DONNELL BOHNEN HILBERT & BERGHOFF and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made

WITNESS my hand and seal this 19 day of May, 2007.

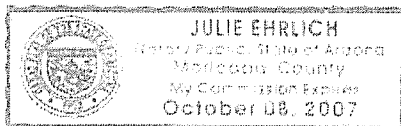

John Kouvetakis

State of Arizona

County of Maricopa

The foregoing instrument was acknowledged before me this 18 day of
May, 2007 by Julie Ehrlich


NOTARY PUBLIC



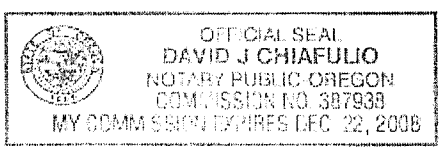
WITNESS my hand and seal this 15 day of June, 2007

Matthew Bauer
Matthew Bauer

State of Oregon

County of Washington

The foregoing instrument was acknowledged before me this 15th day of June, 2007 by Matthew Bauer



David J. Chiafوليو
NOTARY PUBLIC

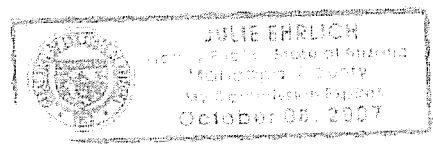
WITNESS my hand and seal this 18 day of May, 2007

John Tolle
John Tolle

State of Arizona

County of Maricopa

The foregoing instrument was acknowledged before me this 18th day of May, 2007 by Julie Ehrlich



Julie Ehrlich
NOTARY PUBLIC

NOTARY PUBLIC
STATE OF ARIZONA
COMMISSION NO. 2007
MY COMMISSION EXPIRES
OCTOBER 08, 2007