

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>Henry Hieslmair</td> <td>02/29/2008</td> </tr> <tr> <td>Vladimir K. Dioumaev</td> <td>02/28/2008</td> </tr> <tr> <td>Shivkumar Chiruvolu</td> <td>02/28/2008</td> </tr> <tr> <td>Hui Du</td> <td>02/28/2008</td> </tr> </tbody> </table>		Name	Execution Date	Henry Hieslmair	02/29/2008	Vladimir K. Dioumaev	02/28/2008	Shivkumar Chiruvolu	02/28/2008	Hui Du	02/28/2008
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Shivkumar Chiruvolu	02/28/2008										
Hui Du	02/28/2008										
RECEIVING PARTY DATA											
Name:	NanoGram Corporation										
Street Address:	165 Topaz Street										
City:	Milpitas										
State/Country:	CALIFORNIA										
Postal Code:	95035										
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>12006453</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12006453						
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CORRESPONDENCE DATA											
Fax Number:	(612)746-3006										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	sikora@daiplaw.com										
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Address Line 2:	U.S. Bank Plaza										
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ATTORNEY DOCKET NUMBER:	2950.104US01										
NAME OF SUBMITTER:	Peter S. Dardi										
Total Attachments: 3											

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**PATENT
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ASSIGNMENT

WHEREAS, we, Henry Hieslmair of San Francisco, California, Vladimir K. Dioumaev of Mountain View, California, Shivkumar Chiruvolu of San Jose, California and Hui Du of Sunnyvale, California, have invented certain new and useful improvements in SILICON/GERMANIUM PARTICLE INKS, DOPED PARTICLES, PRINTING AND PROCESSES FOR SEMICONDUCTOR APPLICATIONS, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 12/006,453, filed January 2, 2008.

WHEREAS, NanoGram Corporation ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 165 Topaz Street, Milpitas, California 95035, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, 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, reissued or extended Letters Patent of the United States, or of any and all foreign

countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

Date: 2/29/08

[Signature]
Henry Hieslmair

State of CA
County of Santa Clara

Subscribed and sworn to before me
this 29 day of Feb, 2008

By Henry Hieslmair personally known to me
or proved on the basis of satisfactory evidence
to be the person who
appeared before me.

[Signature]
Notary Public



[Notary Seal]

Date: 2/28/08

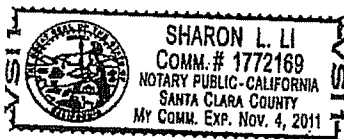
[Signature]
Vladimir K. Dioumaev

State of CA
County of Santa Clara

Subscribed and sworn to before me
this 28 day of Feb, 2008

By Vladimir Dioumaev personally known to me
or proved on the basis of satisfactory evidence to be the person who
appeared before me.

[Signature]
Notary Public



[Notary Seal]

Date: 2/28/2008

State of CA
County of Santa Clara

[Signature]
Shivkumar Chiruvolu

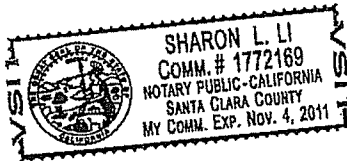
Subscribed and sworn to before me
this 28 day of February, 2008

Appeared Shivkumar Chiruvolu personally
known to me or proved on the basis of
satisfactory evidence to be the person
who appeared before me.

[Signature]

Notary Public

[Notary Seal]



Date: 2/28/2008

State of CA
County of Santa Clara

[Signature]
Hui Du

Subscribed and sworn to before me
this 28 day of February, 2008

By Hui Du, personally known to me or
proved on the basis of satisfactory evidence
to be the person who appeared before me.

[Signature]

Notary Public

[Notary Seal]

