

Attorney Docket No. 2950.71US01

FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE
1/31/92 Patent and Trademark Office

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
SHIVKUMAR CHIRUVOLU
MICHAEL EDWARD CHAPIN

2. Name and address of receiving party(ies):
NANOGRAM CORPORATION
2911 ZANKER ROAD
SAN JOSE, CA 95134

Additional name(s) of conveying party(ies)
attached? ___ Yes X No

Additional name(s) & address(es)
attached? ___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger
___ Other: _____

Execution Date(s): June 3, 2005, June 3, 2005

4. Application number(s) or patent number(s):

If this document is being filed together with a new non-provisional application, the execution date of the application is:

- A. Patent Application No(s).
11/017,214

- B. Patent No(s).

Additional numbers attached? ___ Yes X No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Customer No. 24113
Peter S. Dardi, Ph.D.
Patterson, Thunert, Skaar & Christensen, P.A.
4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402-2100

6. Total number of applications and
patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

___ Enclosed
X Authorized to be charged to deposit
account

8. Deposit Account Number: 16-0631
(Attach duplicate copy of this page if
paying by deposit account)

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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.*

Peter S. Dardi
Name of Person Signing

Peter S. Dardi
Signature

September 13, 2005
Date

Total number of pages comprising cover sheet: 1

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ASSIGNMENT

WHEREAS, we, Shivkumar Chiruvolu of ^{San Jose} ~~San Jose~~ ^{CA} ~~CA~~, California and Michael Edward Chapin of ~~San Jose~~ ^{San Francisco}, California, have invented certain new and useful improvements in DENSE COATING FORMATION BY REACTIVE DEPOSITION, 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. 11/017,214, filed December 20, 2004.

WHEREAS, NanoGram Corporation ("Assignee"), a corporation organized and existing under the laws of the State of Delaware, and having its principal offices at 2911 Zanker Road, San Jose, California 95134, 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 provisional/utility application, all applications claiming priority to said provisional/utility 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

PATENT

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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: JUNE 3, 2005


Shivkumar Chiruvolu

Subscribed and sworn to before me
this 3rd day of JUNE, 2005.

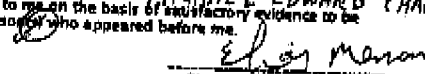
Notary Public

[Notary Seal]

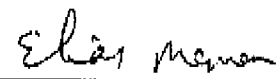
Date: June 3, 2005


Michael Edward Chapin

Subscribed and sworn to before me
this ____ day of June 3, 2005.

State of California)
County of Santa Clara) ss.
Subscribed and sworn to (or affirmed) before me this 3 day
of JUNE, 2005, by SHIVKUMAR CHIRUVOLU
Personally known to me, MICHAEL EDWARD CHAPIN
Proved to me on the basis of satisfactory evidence to be
the person who appeared before me.


Signature of Notary Public



Notary Public

[Notary Seal]

