

08-14-2007



HEET

103436408

To the Director of the U.S. Patent and Trademark Office

Additional documents or the new address(es) below.

1. Name of conveying party(ies)

Arvind Kamath Fabio ZÜRCHER
James Montague CLEEVES
Joerg ROCKENBERGER

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

2. Name and address of receiving party(ies)

Name: Kovio, Inc.

Internal Address:

Street Address: 1145 Sonora Court

City: Sunnyvale

State: CA

Country: US Zip: 94086

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 8/1/07, 7/31/07, 8/2/07, 8/1/07

Assignment IDR0743 Merger

Security Agreement Change of Name

Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

New Application

Additional numbers attached? Yes No

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

Name: Andrew D. Fortney, Ph.D.

Internal Address: The Law Offices of Andrew D. Fortney, Ph.D., P.C.

Street Address: 401 W. Fallbrook Avenue, Suite 204

City: Fresno

State: CA Zip: 93711

Phone Number: 559-432-6847

Fax Number: 559-432-6872

Email Address: drew@fortneylaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 1447
Expiration Date 02/09

b. Deposit Account Number

Authorized User Name

9. Signature:

08-03-2007

Signature

Date

Andrew D. Fortney, Ph.D.

Total number of pages including cover sheet, attachments, and documents:

3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

08/10/2007 WASFAM1 00000006 11888942

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Arvind KAMATH

Patrick SMITH

James Montague CLEEVES

Fabio ZÜRCHER

Joerg ROCKENBERGER

who have created a certain invention for which an application for United States Letters Patent was executed by me concurrently herewith and entitled:

Printed Dopant Layers

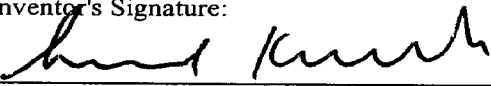
Do hereby sell, assign and transfer to **Kovio, Inc.**, a corporation of **Sunnyvale, California**, having a place of business at **1145 Sonora Court / Sunnyvale, CA 94086**,

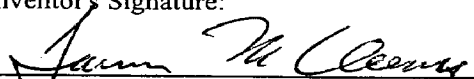
its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Kovio, Inc.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

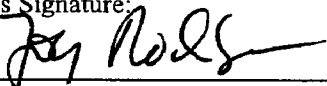
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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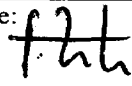
Full Name of Sole/First Inventor: Arvind KAMATH	
Inventor's Signature: 	Date: Month/Day/Year 8/1/07

Full Name of Second Inventor, if any: James Montague CLEEVES	
Inventor's Signature: 	Date: Month/Day/Year 7/31/07

Customer No. 36872

Full Name of Third Inventor, if any: Joerg ROCKENBERGER	
Inventor's Signature: 	Date: Month/Day/Year 08/02/07

Full Name of Fourth Inventor, if any: Patrick SMITH	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fifth Inventor, if any: Fabio ZÜRCHER	
Inventor's Signature: 	Date: Month/Day/Year 8/1/07

Full Name of Sixth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Seventh Inventor, if any:	
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Full Name of Eighth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Ninth Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year