

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Aditi CHANDRA</td><td>08/19/2008</td></tr><tr><td>Arvind KAMATH</td><td>08/19/2008</td></tr><tr><td>James Montague CLEEVES</td><td>08/22/2008</td></tr><tr><td>Joerg ROCKENBERGER</td><td>08/15/2008</td></tr><tr><td>Mao TAKASHIMA</td><td>08/26/2008</td></tr><tr><td>Erik SCHER</td><td>08/21/2008</td></tr></tbody></table>	Name	Execution Date	Aditi CHANDRA	08/19/2008	Arvind KAMATH	08/19/2008	James Montague CLEEVES	08/22/2008	Joerg ROCKENBERGER	08/15/2008	Mao TAKASHIMA	08/26/2008	Erik SCHER	08/21/2008	
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Erik SCHER	08/21/2008														
RECEIVING PARTY DATA															
Name:	Kovio, Inc.														
Street Address:	233 S. Hillview Drive														
City:	Milpitas														
State/Country:	CALIFORNIA														
Postal Code:	95035														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12175450</td></tr></tbody></table>	Property Type	Number	Application Number:	12175450											
Property Type	Number														
Application Number:	12175450														
CORRESPONDENCE DATA															
Fax Number:	(559)432-6872														
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ATTORNEY DOCKET NUMBER:	IDR1052														
NAME OF SUBMITTER:	Andrew D. Fortney, Reg. No. 34,600														

OP \$40.00 12175450

PATENT

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REEL: 021458 FRAME: 0563

Total Attachments: 3

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ASSIGNMENT

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

Aditi CHANDRA

Joerg ROCKENBERGER

Arvind KAMATH

Mao TAKASHIMA

James Montague CLEEVES

Erik SCHER

who has created a certain invention for which an application (Application No. 12/175,450) for United States Letters Patent was filed on July 17, 2008 and entitled:

Printing of Contact Metal and Interconnect Metal Via Seed Printing and Plating

Do hereby sell, assign and transfer to Kovio, Inc., a corporation of California

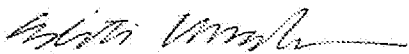
233 S. Hillview Drive, Milpitas, CA 95035


having a place of business at 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

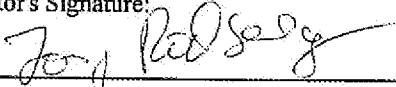
Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed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

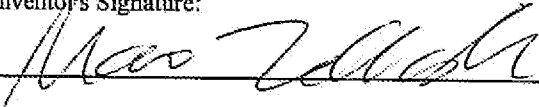
IN TESTIMONY WHEREOF I have hereunto set MY signature on the date indicated below.


Full Name of Sole/First Inventor:	
Aditi CHANDRA	
Inventor's Signature:	Date: Month/Day/Year
	08/19/08

Full Name of Second Inventor, if any:	
Arvind KAMATH	
Inventor's Signature:	Date: Month/Day/Year
	August 19, 2008

Full Name of Third Inventor, if any: James Montague CLEEVES	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fourth Inventor, if any: Joerg ROCKENBERGER	
Inventor's Signature: 	Date: Month/Day/Year 08/15/08

Full Name of Fifth Inventor, if any: Mao TAKASHIMA	
Inventor's Signature: 	Date: Month/Day/Year 08/26/08


Full Name of Sixth Inventor, if any: Erik SCHER	
Inventor's Signature: 	Date: Month/Day/Year 8/21/08

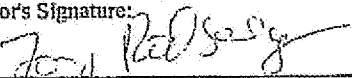
Full Name of Seventh Inventor, if any:	
Inventor's Signature:	Date: Month/Day/Year

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

Attorney Docket No.: **IDR1052**

Full Name of Third Inventor, if any:	
James Montague CLEEVES	
Inventor's Signature:	Date: Month/Day/Year
	8/22/08

Full Name of Fourth Inventor, if any:	
Joerg ROCKENBERGER	
Inventor's Signature:	Date: Month/Day/Year
	08/15/08

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

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

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

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

Customer No. 36872

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