

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
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NATURE OF CONVEYANCE:	SECURITY AGREEMENT
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CONVEYING PARTY DATA

Name	Execution Date
CAMBRIOS TECHNOLOGIES CORPORATION	10/03/2008

RECEIVING PARTY DATA

Name:	SILICON VALLEY BANK
Street Address:	2400 HANOVER STREET
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 17

Property Type	Number
Application Number:	11679726
Application Number:	11766552
Application Number:	11871767
Application Number:	11740213
Application Number:	11504822
Application Number:	11433825
Application Number:	11433824
Application Number:	11280986
Application Number:	11130399
PCT Number:	US0714485
PCT Number:	US0781285
PCT Number:	US0781123
PCT Number:	US0618805
PCT Number:	US0712096
PCT Number:	US0709023

OP \$680.00 11679726

PCT Number:	US0705998
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PCT Number:	US0631918
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CORRESPONDENCE DATA

Fax Number: (404)962-6736
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: (404) 885-3038
Email: michael.brignati@troutmansanders.com
Correspondent Name: MICHAEL J. BRIGNATI, PH.D.
Address Line 1: TROUTMAN SANDERS LLP
Address Line 2: 600 PEACHTREE STREET, N.E.
Address Line 4: ATLANTA, GEORGIA 30308-2216

ATTORNEY DOCKET NUMBER:	220763.000969
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NAME OF SUBMITTER:	Michael J. Brignati, Ph.D.
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Total Attachments: 7
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement is entered into as of October 3, 2008 by and between SILICON VALLEY BANK ("Bank") and CAMBIOS TECHNOLOGIES CORPORATION ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain copyrights, trademarks and patents to secure the obligations of Grantor under the Loan Agreement. Capitalized terms used herein but not defined herein shall have the definition given thereto in the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property collateral (including without limitation those copyrights, patents and trademarks listed on Schedules A, B and C hereto, respectively (the "Intellectual Property Collateral"), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part with respect to the Intellectual Property Collateral.

This security interest is granted to Bank pursuant to the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

[SIGNATURES APPEAR ON THE FOLLOWING PAGE]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

CAMBRIOS TECHNOLOGIES CORPORATION

930 East Arques Avenue
Sunnyvale, California 94085

Attn: Michael R. Knapp

By: Michael R Knapp
Name: MICHAEL R KNAPP
Title: PRESIDENT & CEO

BANK:

Address of Bank:

SILICON VALLEY BANK

2400 Hanover Street
Palo Alto, California 94304

Attn: Teresa Li

By: _____
Name:
Title:

[Signature Page to Intellectual Property Security Agreement]

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PATENT
REEL: 021633 FRAME: 0175

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

Address of Grantor:

930 East Arques Avenue
Sunnyvale, California 94085

Attn: Michael R. Knapp

GRANTOR:

CAMBRIOS TECHNOLOGIES CORPORATION

By: _____

Name:

Title:

Address of Bank:

2400 Hanover Street
Palo Alto, California 94304

Attn: Teresa Li

BANK:

SILICON VALLEY BANK

By:  _____

Name: Liam Fairbairn

Title: Relationship Manager

[Signature Page to Intellectual Property Security Agreement]

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PATENT
REEL: 021633 FRAME: 0176

SCHEDULE A

Copyrights

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>	<u>Security Interest/ Ownership Issues</u>
NONE	N/A	N/A	N/A

SCHEDULE B

Patents

<u>Title</u>	<u>Patent/Patent Application Number (Publication Number)</u>	<u>Issue/Filing Date</u>	<u>Owner/ Assignee</u>	<u>Security Interest/ Ownership Issues</u>
DIGITAL ALLOYS AND METHODS FOR FORMING THE SAME	11/679,726	02/27/2007	Cambrios Technologies Corporation	
METHODS OF CONTROLLING NANOSTRUCTURE FORMATIONS AND SHAPES	11/766,552	06/21/2007	Cambrios Technologies Corporation	
NANOWIRE-BASED TRANSPARENT CONDUCTORS AND APPLICATIONS THEREOF	11/871,767	10/12/2007		Assignments for Inventors Pierre-Marc Allemand, Haixia Dai, Shuo Na, Hash Pakbaz, Florian Pschenitzka, Xina Quan, Jelena Sepa, and Michael Spaid are missing
PREVENTION OF QUANTUM DOT QUENCHING ON METAL SURFACES	11/740,213	04/25/2007	Cambrios Technologies Corporation	
NANOWIRES-BASED TRANSPARENT CONDUCTORS	11/504,822	04/14/2006	Cambrios Technologies Corporation	
PLATING BATH AND SURFACE TREATMENT COMPOSITIONS FOR THIN FILM DEPOSITION	11/433,825	05/15/2006	Cambrios Technologies Corporation	
SEED LAYERS, CAP LAYERS, AND THIN FILMS AND METHODS OF MAKING THEREOF	11/433,824	05/15/2006	Cambrios Technologies Corporation	
PRINTABLE ELECTRIC CIRCUITS, ELECTRONIC COMPONENTS AND METHOD OF FORMING THE SAME	11/280,986	11/16/2005	Cambrios Technologies Corporation	
BIOFABRICATION OF TRANSISTORS INCLUDING FIELD EFFECT TRANSISTORS	11/130,399	05/17/2005	Cambrios Technologies Corporation	
METHODS OF CONTROLLING NANOSTRUCTURE FORMATIONS AND SHAPES	PCT/US2007/014485	06/21/2007	Cambrios Technologies Corporation	
NANOWIRE-BASED TRANSPARENT CONDUCTORS AND APPLICATIONS THEREOF	PCT/US2007/081285 EP1947702	10/12/2007 10/12/2007	Cambrios Technologies Corporation	

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SYSTEMS, DEVICES, AND METHODS FOR CONTROLLING ELECTRICAL AND OPTICAL PROPERTIES OF TRANSPARENT CONDUCTORS	PCT/US2007/081123	10/11/2007	Cambrios Technologies Corporation
SEED LAYERS, CAP LAYERS, AND THIN FILMS AND METHODS OF MAKING THEREOF	PCT/US2006/018805	05/15/2006	Cambrios Technologies Corporation
DIGITAL ALLOYS AND METHODS FOR FORMING THE SAME	PCT/US2007/012096	05/18/2007	Cambrios Technologies Corporation
FLUORESCENT PARTICLES BOUND TO MULTIFUNCTIONAL SCAFFOLDS AND THEIR USES FABRICATION OF	PCT/US2007/009023	04/12/2007	Cambrios Technologies Corporation
INORGANIC MATERIALS USING TEMPLATES WITH LABILE LINKAGE	PCT/US2007/005998	03/08/2007	Cambrios Technologies Corporation
NANOWIRES-BASED TRANSPARENT CONDUCTORS	PCT/US2006/031918 EP1965438	08/14/2006 08/14/2006	Cambrios Technologies Corporation

SCHEDULE C

Trademarks

<u>Description</u>	<u>Registration/ Application Number</u>	<u>Registration/ Application Date</u>	<u>Security Interest/ Ownership Issues</u>
CAMBRIOS (Pending)	78/482,601	09/13/2004	N/A
CAMBRIOS (Registered)	3,254,122	06/19/2007	N/A
	77/405,099	02/25/2008	
CLEAROHM (Pending)	CA 138405000	02/13/2008	N/A
	EC 006688717	02/13/2008	

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