

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Silicon Valley Bank		01/16/2014	CORPORATION: CALIFORNIA
RECEIVING PARTY DATA			
Name:	Picosecond Pulse Labs, Inc.		
Street Address:	2500 55th Street		
City:	Boulder		
State/Country:	COLORADO		
Postal Code:	80301		
Entity Type:	CORPORATION: DELAWARE		
PROPERTY NUMBERS Total: 3			
Property Type	Number	Word Mark	
Registration Number:	2842278	PICOSECOND PULSE LABS	
Registration Number:	3980793	PICOSECOND PULSE LABS	
Registration Number:	4026055	PATTERNPRO	
CORRESPONDENCE DATA			
Fax Number:	2027995144		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	2027994000		
Email:	gregory.esau@dlapiper.com		
Correspondent Name:	Thomas E. Zutic		
Address Line 1:	500 Eighth Street, NW		
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004		
ATTORNEY DOCKET NUMBER:	12850-PICOSECOND		
NAME OF SUBMITTER:	Thomas E. Zutic		

OP \$90.00 2842278

Signature:	/Thomas E. Zutic/
Date:	01/23/2014
Total Attachments: 6 source=IP Release Executed#page1.tif source=IP Release Executed#page2.tif source=IP Release Executed#page3.tif source=IP Release Executed#page4.tif source=IP Release Executed#page5.tif source=IP Release Executed#page6.tif	

RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST

THIS RELEASE OF INTELLECTUAL PROPERTY SECURITY INTEREST (this "Release") is made as of January 16, 2014 ("Effective Date") by and between PICOSECOND PULSE LABS, INC., a Delaware corporation ("Grantor"), and SILICON VALLEY BANK, a California corporation (together with its successors and assigns in such capacity, "Grantee").

WHEREAS, pursuant to the terms and conditions of that certain Intellectual Property Security Agreement by and between Grantor and Grantee, dated January 30, 2004, recorded at the U.S. Library of Congress Copyright Office on March 15, 2004, at Volume 3508, Document 724, Pages 1-8, and at the U.S. Patent and Trademark Office (the "PTO") Reel 2929/Frame 0784 and Reel 015000/Frame 0893, as amended by a First Amendment dated January 30, 2008, recorded at the PTO at Reel 020451/Frame 0236, a Second Amendment dated April 2, 2010, recorded at the PTO at Reel 024342/Frame 0518, and an Addendum to Intellectual Property Security Agreement dated June 8, 2011, recorded at the PTO at Reel 4565/Frame 0051 and Reel 026461/Frame 0476 (collectively, the "Security Agreement"), Grantor granted to Grantee a continuing security interest in, to and under all of Grantor's intellectual property (collectively, the "Intellectual Property") including, but not limited to, the U.S. Patents set forth on Schedule A attached hereto, and the U.S. trademark registrations set forth on Schedule B attached hereto, together with the goodwill associated therewith, and the U.S. registered copyrights set forth on Schedule C, attached hereto (the "Security Interest").

WHEREAS, Grantor and Grantee desire to terminate the Security Agreement, release the Security Interest created therein, and assign any rights Grantee may have acquired in the Intellectual Property back to Grantor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Grantee hereby terminates the Security Agreement, and hereby terminates, cancels and releases any and all security interests it has against the Intellectual Property, including the Security Interest, and hereby assigns and transfers any and all interest Grantee may have in and to the Intellectual Property to Grantor.

Grantee represents and warrants that: (i) it has the full power and authority to execute this Release; (ii) it has not assigned, transferred, restricted or otherwise encumbered any security interest it has against the Intellectual Property; (iii) it has not recorded or otherwise evidenced its security interest with respect to any copyright, patent, or trademark, or registration of an application to register the foregoing, or any trade name or assumed name, other than those of the foregoing set forth on Schedule A and Schedule B (attached hereto), in any jurisdiction throughout the world;

Grantee shall at Grantor's expense, take all further actions, and provide to Grantor, its successors, assigns or other legal representatives, all such cooperation and assistance (including, without limitation, the execution and delivery of any and all documents or other instruments), reasonably requested by Grantor to more fully and effectively effectuate the purposes of this Release.

IN WITNESS WHEREOF, Grantee has caused this Release to be executed by its duly authorized representative as of the Effective Date.

SILICON VALLEY BANK



Name: Daniel Harrison
Title: vp

EXHIBIT A

Patents

<u>Title</u>	<u>App. No.</u>	<u>Inventor(s)</u>	<u>Filing Date</u>	<u>Status</u>	<u>Issue Date</u>	<u>Patent No.</u>
Ultrafast Sampler with coaxial transition	09/833,015	Agoston, Ebner, Pepper, Norton	Apr 10, 2001	Issued	Aug 1, 2006	7,084,716
Ultrafast Sampler with coaxial transition	11/238,592	Agoston, Ebner, Pepper, Norton	Sep 28, 2005	Issued	Nov 3, 2009	7,612,628
Ultrafast Sampler with non-parallel shockline	10/053,529	Agoston, Ebner, Pepper, Pratt	Nov 2, 2001	Issued	May 31, 2005	6,900,710
Ultrafast Sampler with non-parallel shockline	11/045,212	Agoston, Ebner, Pepper, Pratt	Jan 27, 2005	Issued	Jan 30, 2007	7,170,365
Transmission line voltage controller with nonlinear signal processor	10/233,290	Pepper, Smith, Ramsey, Andrews	Aug 29, 2002	Issued	Apr 15, 2008	7,358,834
Waveguide samplers and frequency converters	11/572,985	Pepper, Ebner, Norton	Jan 30, 2007	Issued	Jun 8, 2010	7,734,271
Biased nonlinear transmission line comb	11/442,499	Pepper	May 26, 2007	Issued	Nov 3, 2009	7,612,629
Nonlinear Transmission line for Generation of Picosecond Electrical Transients	07/106,554	Rodwell; Mark J.W. Bloom; David M.	October 8, 1987	Issued	May 7, 1991	5,014,018
Gallium arsenide monolithically integrated sampling head using equivalent time sampling having a bandwidth greater than 100 ghz	07/259,027	Marsland; Robert A., Rodwell; Mark, Bloom; David M.	October 17, 1988	Issued	November 30, 1993	5,267,020
Monolithic sampler	07/281,423	Su; Chung-Yi, Ty Tan; Michael R., Anklam; William J.	December 8, 1988	Issued	September 11, 1990	4,956,568

Gallium arsenide monolithically integrated sampling head using equivalent time sampling having a bandwidth greater than 100 Ghz	07/686,916	Marsland; Robert A., Rodwell; Mark	April 16, 1991	Issued	January 3, 1995	5,378,939
Integrated coplanar strip nonlinear transmission line	07/912,081	Marsland; Robert A., Rodwell; Mark J. W. , Bloom; David M.	July 6, 1992	Issued	October 26, 1993	5,256,996

EXHIBIT B**Registered Trademarks**

Trademark	Serial No. / Filing Date	Int'l Class	Status	Reg. No. & Date
PICSECOND PULSE LABS	76/415,029 5/30/2002	<u>9</u> : Components and test measurement for high speed electronics... <u>40</u> : Custom manufacture of components, modules, and test measurement equipment	Registered	2,842,278 5/18/2004
PICOSECOND PULSE LABS & Design	85/123,695 9/7/2010	<u>9</u> : Components and test measurement for high speed electronics... <u>40</u> : Custom manufacture of components, modules, and test measurement equipment	Registered	3,980,793 6/21/2011
PATTERNPRO	85/245,786 2/18/2011	<u>9</u> : Testing equipment for high speed electronics and optical communications	Registered	4,026,055 9/13/2011
THINK OUTSIDE THE BERT	85/245,779 2/18/2011	<u>9</u> : Testing equipment for high speed electronics and optical communications...	Abandoned	

EXHIBIT C

Registered Copyrights

<u>Title</u>	<u>Entire Copyright Document</u>	<u>Document Number</u>	<u>Date of Recordation</u>
Low-pass risetime filters for time domain applications: application note AN-7A & 5 other titles	V3508 D724 P1-8	<u>V3508D724</u>	March 15, 2004