

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM441692

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
SYS-TECH SOLUTIONS, INC.		08/31/2017	Corporation: NEW JERSEY
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	SILICON VALLEY BANK		
<b>Street Address:</b>	3003 Tasman Drive, HF150		
<b>City:</b>	Santa Clara		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95054		
<b>Entity Type:</b>	Corporation: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 22</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
Registration Number:	4632828	E-FINGERPRINT	
Registration Number:	5129727	S	
Registration Number:	5125104	S SYSTECH	
Registration Number:	5129726	S SYSTECH ONLY ONE	
Registration Number:	5223736	SYSTECH	
Registration Number:	3551085	SYSTECH ADVISOR	
Registration Number:	4625490	SYSTECH CITADEL	
Registration Number:	4611188	SYSTECH ENTERPRISE SERIALIZATION	
Registration Number:	3551086	SYSTECH GUARDIAN	
Registration Number:	3694662	SYSTECH INTERNATIONAL	
Registration Number:	4522064	SYSTECH PROVEN PROTECTION POWERFUL INSIG	
Registration Number:	3551084	SYSTECH SENTRI	
Registration Number:	3547711	SYSTECH TIPS	
Registration Number:	3547712	TIPS	
Registration Number:	5170572	UNISCAN	
Registration Number:	5142568	UNISCOPE	
Registration Number:	5142569	UNISECURE	
Serial Number:	86694039	UNISERIES	
Serial Number:	86694051	UNISIGHT	

OP \$565.00 4632828

Property Type	Number	Word Mark
Serial Number:	87136658	UNISIGN
Serial Number:	87136651	UNISTORE
Serial Number:	86694062	UNITRACE

**CORRESPONDENCE DATA**

**Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**Phone:** 2023704750  
**Email:** ipteam@cogencyglobal.com  
**Correspondent Name:** Darlena Bari Stark  
**Address Line 1:** 1025 Vermont Ave NW, Suite 1130  
**Address Line 2:** COGENCY GLOBAL INC.  
**Address Line 4:** Washington, D.C. 20005

<b>ATTORNEY DOCKET NUMBER:</b>	F172935
<b>NAME OF SUBMITTER:</b>	Janet S. Wamsley
<b>SIGNATURE:</b>	/Janet S. Wamsley/
<b>DATE SIGNED:</b>	09/01/2017

**Total Attachments: 13**  
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## AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Amended and Restated Intellectual Property Security Agreement (this “**Agreement**”) is entered into as of August 31, 2017 by and between **SILICON VALLEY BANK** (“**Bank**”) and **SYS-TECH SOLUTIONS, INC.**, a New Jersey corporation with its chief executive office located at One Research Way, Princeton, New Jersey 08540 (“**Grantor**”). This Agreement amends and restates in its entirety that certain Intellectual Property Security Agreement dated as of November 19, 2012 between Grantor and Bank.

### 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 Amended and Restated Loan and Security Agreement dated as of the date hereof between Grantor and Bank (as the same may be amended, modified or supplemented from time to time, the “**Loan Agreement**”; capitalized terms used herein are used as defined in 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, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under 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 (all of which shall collectively be called the “**Intellectual Property Collateral**”), including, without limitation, the following:

1. Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the “**Copyrights**”);
2. Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;
3. Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

4. All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the “**Patents**”);

5. Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the “**Trademarks**”);

6. All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the “**Mask Works**”);

7. Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

8. All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

9. All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

10. All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.


This security interest is granted in conjunction with the security interest granted to Bank under 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.

[Signature page follows.]

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:

SYS-TECH SOLUTIONS, INC.

By:   
Name: JOHN A. MILANA  
Title: COO & CFO

BANK:

SILICON VALLEY BANK

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

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

GRANTOR:

SYS-TECH SOLUTIONS, INC.

By \_\_\_\_\_  
Name:  
Title:

BANK:

SILICON VALLEY BANK

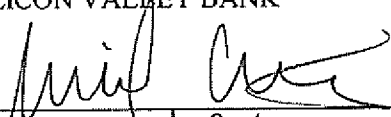
By  \_\_\_\_\_  
Name: Michael Cophy  
Title: vice President.

EXHIBIT A

Copyrights

None.

EXHIBIT B

Patents

(048499-0001)

**Invention Title: SYSTEM AND METHOD FOR THE MANAGEMENT AND DESIGN OF COMPLEX PRODUCTION PROCESSES**

Country	Application Number	DBR No.	Actual Filing Date	Effective Filing Date	Patent Number	Issue Date	Expiration Date
U.S.A.	12/590,670	441777	12 Nov 2009	12 Nov 2009	8,190,279	29 May 2012	30 Sep 2030
PCT	US2010/055839	460774	08 Nov 2010	08 Nov 2010	Converted		
BRAZIL	BR1120120112384	483184	11 May 2012	08 Nov 2010	-		
CHINA	201080051287.0	483185	11 May 2012	08 Nov 2010	ZL201080051287.0	09 Sep 2015	08 Nov 2030
EUROPE	10812834.9	466421	16 Mar 2011	08 Nov 2010	-		
INDIA	4047/DELNP/2012	483186	08 May 2012	08 Nov 2010	-		

(048499-0001)

**Invention Title: SYSTEM AND METHOD FOR THE MANAGEMENT AND DESIGN OF COMPLEX PRODUCTION PROCESSES**

Country	Application Number	DBR No.	Actual Filing Date	Effective Filing Date	Patent Number	Issue Date	Expiration Date
U.S.A.	61/605,369	481823	01 Mar 2012	01 Mar 2012	Converted		
U.S.A.	61/676,113	486612	26 Jul 2012	26 Jul 2012	Converted		
U.S.A.	61/717,711	486612	24 Oct 2012	24 Oct 2012	Converted		
U.S.A.	13/782,233	496252	01 Mar 2013	01 Mar 2013	8,950,662	10 Feb 2015	01 Mar 2033
U.S.A.	14/561,215	519315	04 Dec 2014	01 Mar 2013	-		
U.S.A.	15/491,523	560964	19 Apr 2017	01 Mar 2013	-		
PCT	US 2013/028574	496253	01 Mar 2013	01 Mar 2013	Converted		
AUSTRALIA	2013225800	516016	25 Sep 2014	01 Mar 2013	2013225800	23 Jul 2015	01 Mar 2033
BRAZIL	1120140215782	516017	29 Aug 2014	01 Mar 2013	-		
CHINA	201380012067	516018	01 Sep 2014	01 Mar 2013	ZL201380012067.0	23 Nov 2016	01 Mar 2033



CHINA	201610922038.3	548134	20 Oct 2016	01 Mar 2013	-		
EUROPE	13754659.4	516019	26 Sep 2014	01 Mar 2013	-		
HONG KONG	15106404.0	527713	06 Jul 2015	01 Mar 2013	-		
INDIA	7110/DELNP/2014	516020	05 Sep 2014	01 Mar 2013	-		
KOREA	10-2014-7027489	516021	29 Sep 2014	01 Mar 2013	10-1581196	23 Dec 2015	01 Mar 2033
MALAYSIA	PI2014002470	516022	25 Aug 2014	01 Mar 2013	-		
SINGAPORE	11201405180S	516024	25 Aug 2014	01 Mar 2013	11201405180S	28 Jul 2015	01 Mar 2033
SOUTH AFRICA	2014/06173	516025	21 Aug 2014	01 Mar 2013	2014/06173	29 Jun 2016	01 Mar 2033

(048499-0003)

**Invention Title: METHODS AND A SYSTEM FOR VERIFYING THE IDENTITY OF A PRINTED ITEM**

Country	Application Number	DBR No.	Actual Filing Date	Effective Filing Date	Patent Number	Issue Date	Expiration Date
U.S.A.	61/945,917	505768	28 Feb 2014	28 Feb 2014	Converted		
U.S.A.	14/630,196	523055	24 Feb 2015	01 Mar 2013	-		
PCT	US 2015/017357	522687	24 Feb 2015	24 Feb 2015	Converted		
AUSTRALIA	2015223174	546381	24 Aug 2016	24 Feb 2015	-		
BRAZIL	1120160198530	546507	28 Aug 2016	24 Feb 2015	-		
CANADA	2,940,761	546508	25 Aug 2016	24 Feb 2015	-		
CANADA	2,973,849	565553	18 Jul 2017	24 Feb 2015	-		
CHINA	201580022895.1	546509	28 Oct 2016	24 Feb 2015	-		
EUROPE	15755854.5	546510	19 Sep 2016	24 Feb 2015	-		
HONG KONG	17105465.6	546511	01 Jun 2017	24 Feb 2015	-		
INDIA	201617031041	546512	12 Sep 2016	24 Feb 2015	-		
ISRAEL	247490	546589	25 Aug 2016	24 Feb 2015	-		
JAPAN	2016-565026	546590	26 Aug 2016	24 Feb 2015	6181885	28 Jul 2017	24 Feb 2035

MALAYSIA	PI2016001571	546515	25 Aug 2016	24 Feb 2015	-		
MEXICO	MX/a/2016/011165	546514	26 Aug 2016	24 Feb 2015	-		
RUSSIA	2016138293	546591	27 Sep 2016	24 Feb 2015	2621006	30 May 2017	24 Feb 2035
SAUDI ARABIA	516371755	546593	28 Aug 2016	24 Feb 2015	-		
SINGAPORE	11201607112S	546516	25 Aug 2016	24 Feb 2015	-		
SOUTH AFRICA	2016/06067	546517	01 Sep 2016	24 Feb 2015	-		
UNITED ARAB EMIRATES	P944/16	546588	28 Aug 2016	24 Feb 2015	-		

(048499-0004)

Invention Title: METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE

Country	Application Number	DBR No.	Actual Filing Date	Effective Filing Date	Patent Number	Issue Date	Expiration Date
U.S.A.	14/623,925	520871	17 Feb 2015	17 Feb 2015	9,519,942	13 Dec 2016	17 Feb 2035
U.S.A.	15/374,729	549767	09 Dec 2016	09 Dec 2016	-		
PCT	US 2015/058620	533435	02 Nov 2015	02 Nov 2015	Converted		
AUSTRALIA	2015383137	565664	02 Nov 2015	02 Nov 2015	-		
BRAZIL	1120170174642	565665	15 Aug 2017	02 Nov 2015	-		
CANADA	2,974,808	565666	24 Jul 2017	02 Nov 2015	-		
CHINA		565667	17 Aug 2017	02 Nov 2015	-		
EUROPE	15882884.8	565668	25 Jul 2017	02 Nov 2015	-		
INDIA	201717027449	565669	02 Aug 2017	02 Nov 2015	-		
ISRAEL	253685	565670	26 Jul 2017	02 Nov 2015	-		
JAPAN		565671	07 Aug 2017	02 Nov 2015	-		
KOREA		565672		02 Nov 2015	-		
MEXICO	MX/a/2017/010464	565673	14 Aug 2017	02 Nov 2015	-		

MALAYSIA	PI 2017001089	565674	26 Jul 2017	02 Nov 2015	-		
RUSSIA		565677		02 Nov 2015	-		
SINGAPORE	11201706421V	565675	07 Aug 2017	02 Nov 2015	-		
SOUTH AFRICA	2017/05118	565676	27 Jul 2017	02 Nov 2015	-		

(048499-0005)

**Invention Title: METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE**

Country	Application Number	DBR No.	Actual Filing Date	Effective Filing Date	Patent Number	Issue Date
U.S.A.	62/180,477	524705	16 June 2015	16 June 2015	Converted	
U.S.A.	15/180,252	533436	13 Jun 2016	13 Jun 2016	-	
PCT	US 2016/037149	543183	13 June 2016	13 June 2016	-	

(048499-0006) (STCH-2014-01USP)

**Invention Title: METHODS AND A SYSTEM FOR VERIFYING THE AUTHENTICITY OF A MARK**

Country	Application Number	DBR No.	Actual Filing Date	Effective Filing Date	Patent Number	Issue Date	Expiration Date
U.S.A.	62/053,905	528342	23 Sep 2014	23 Sep 2014	Converted		
U.S.A.	14/845,099	528341	03 Sep 2015	23 Sep 2014	-		
PCT	US 2015/051517	532339	22 Sep 2015	23 Sep 2014	Converted		
BRAZIL	1120170057697	556373	21 Mar 2017	22 Sep 2015	-		
CANADA	2,960,716	556371	08 Mar 2017	22 Sep 2015	-		
CHINA	201580062910.5	556375	19 May 2017	22 Sep 2015	-		
EUROPE	15844793.8	556370	28 Mar 2017	22 Sep 2015	-		
HONG KONG		567181		22 Sep 2015	-		
INDIA	201717009617	556376	20 Mar 2017	22 Sep 2015	-		
JAPAN	2017-515692	556374	21 Mar 2017	22 Sep 2015	-		
MEXICO	MX/a/2017/003606	556372	17 Mar 2017	22 Sep 2015	-		

(048499-0007)

**Invention Title: METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE**

<b>Country</b>	<b>Application Number</b>	<b>DBR No.</b>	<b>Actual Filing Date</b>	<b>Effective Filing Date</b>	<b>Patent Number</b>	<b>Issue Date</b>	<b>Expiration Date</b>
U.S.A.	62/307,901	540236	14 Mar 2016	14 Mar 2016	Converted		
U.S.A.	15/457,380	556453	13 Mar 2017	13 Mar 2017	-		
PCT	PCT/US2017/01197	556454	13 Mar 2017	13 Mar 2017			

EXHIBIT C

Trademarks

Trademark	Country	Appln. No./ Filing Date	Reg. No./ Reg. Date
E-FINGERPRINT	U.S.	85/696737 07-Aug-2012	4632828 04-Nov-2014
S Design  	U.S.	86/629551 14-May-2015	5129727 24-Jan-2017
S SYSTECH and Design 	U.S.	86/629548 14-May-2015	5125104 17-Jan-2017
S SYSTECH ONLY ONE and Design 	U.S.	86/629533 14-May-2015	5129726 24-Jan-2017
SYSTECH	U.S.	86/649059 02-Jun-2015	5223736 13-Jun-2017
SYSTECH ADVISOR	U.S.	77/249938 08-Aug-2007	3551085 23-Dec-2008
SYSTECH CITADEL	U.S.	85/791044 29-Nov-2012	4625490 21-Oct-2014
SYSTECH ENTERPRISE SERIALIZATION	U.S.	86/070986 20-Sep-2013	4611188 23-Sep-2014
SYSTECH GUARDIAN	U.S.	77/249951 08-Aug-2007	3551086 23-Dec-2008
SYSTECH INTERNATIONAL	U.S.	77/426064 19-Mar-2008	3694662 13-Oct-2009
SYSTECH PROVEN PROTECTION POWERFUL INSIGHT & Design 	U.S.	86/119259 14-Nov-2013	4522064 29-Apr-2014
SYSTECH SENTRI	U.S.	77/249928 08-Aug-2007	3551084 23-Dec-2008
SYSTECH TIPS	U.S.	77/249911 08-Aug-2007	3547711 16-Dec-2008
TIPS	U.S.	77/249919 08-Aug-2007	3547712 16-Dec-2008
UNISCAN	U.S.	87/136663 12-Aug-2016	5170572 28-Mar-2017
UNISCOPE	U.S.	86/694013 15-Jul-2015	5142568 14-Feb-2017
UNISECURE	U.S.	86/694022 15-Jul-2015	5142569 14-Feb-2017

<b>Trademark</b>	<b>Country</b>	<b>Appln. No./ Filing Date</b>	<b>Reg. No./ Reg. Date</b>
UNISERIES	U.S.	86/694039 15-Jul-2015	
UNISIGHT	U.S.	86/694051 15-Jul-2015	5142570 14-Feb-2017
UNISIGN	U.S.	87/136658 12-Aug-2016	5170571 28-Mar-2017
UNISTORE	U.S.	87/136651 12-Aug-2016	5170570 28-Mar-2017
UNITRACE	U.S.	86/694062 15-Jul-2015	5050946 27-Sep-2016

EXHIBIT D

Mask Works

None.