TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 ETAS ID: TM365739

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
PDFFILLER, INC.		12/08/2015	CORPORATION: MASSACHUSETTS

RECEIVING PARTY DATA

Name:	WESTERN ALLIANCE BANK		
Street Address:	55 ALMADEN BLVD., SUITE 100		
City:	SAN JOSE		
State/Country:	CALIFORNIA		
Postal Code:	95113		
Entity Type:	CORPORATION: ARIZONA		

PROPERTY NUMBERS Total: 1

Property Type	Number	Word Mark
Registration Number:	4624133	PDFFILLER

CORRESPONDENCE DATA

Fax Number: 6506440520

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: 6506483802

PATTY@PATTYCHENG.COM Email:

Correspondent Name: PATTY CHENG

2625 Middlefield Rd., #215 Address Line 1: Address Line 4: Palo Alto, CALIFORNIA 94306

ATTORNEY DOCKET NUMBER:	1-1177
NAME OF SUBMITTER:	PATTY CHENG
SIGNATURE:	/s/ Patty Cheng
DATE SIGNED:	12/14/2015

Total Attachments: 6

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of December 8th, 2015 (the "Agreement") between PDFFILLER, INC., a Massachusetts corporation ("Grantor") and WESTERN ALLIANCE BANK, an Arizona corporation ("Lender") and is made with reference to the Loan and Security Agreement, dated as of December 8th, 2015 (as amended from time to time, the "Loan Agreement"), between Lender and Grantor. Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Grantor hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

- (a) copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;
- (b) 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 (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;
- (c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;
- (d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");
- (e) trade secrets, and any and all intellectual property rights in computer software and computer software products;
 - (f) design rights;
- (g) claims for damages by way of past, present and future infringement 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;
- (h) 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;
- (i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and
- (j) 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.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement, 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 Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

GRANTOR:

PDFFILLER, INC.

WESTERN ALLIANCE BANK

By:

Name: Vadim Yasinovsky

Name: Title: CEO

Title: CEO

Address for Notices:

Address for Notices:

Address for Notices:

S5 Almaden Boulevard, Suite 100

Brighton, MA 02135

Attn: Vadim Yasinovsky - CEO/CTO

ACTION San Jose, California 95113

Atm: Note Department Fax:(408) 282-1681

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

IN WITNESS WHEREOF, the parties have executed this	Agreement as of the date first written above.			
GRANTOR:	LENDER:			
PDFFILLER, INC.	WESTERN ALLIANCE BANK			
Ву;	ву: <u>CLW</u>			
Name:	Name: Charles Wehr			
Title:	Title: Vica President			
Address for Notices:	Address for Notices:			
167 Corey Road, Suite 206 Brighton, MA 02135 Attn: Vadim Yasinovsky - CEO/CTO	55 Almaden Boulevard, Suite 100 San Jose, California 95113 Attn: Note Department			

Fax:(408) 282-1681

EXHIBIT A

COPYRIGHTS

Type of Work:	Title:	International Standard Serial Number (ISSN):	Registration Number:	<u>Filing</u> <u>Date:</u>	Pre - registered?

EXHIBIT B

TRADEMARKS

Please Check if No Trademarks Exist \square

Mark / Title:	U.S. Serial Number:	U.S. Registration Number:	Filing/Registration Date:
PDFfiller	86207659	4624133	October 21, 2014

EXHIBIT C

PATENTS

Please Check if No Patents Exist ☑

Title:	Patent Number:	Application Serial Number:	Issued or Published?	Issue Date:

RECORDED: 12/14/2015