

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM634256

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Arena Solutions, Inc.		03/24/2021	Corporation: CALIFORNIA
RECEIVING PARTY DATA			
Name:	JPMorgan Chase Bank, N.A., as Administrative Agent		
Street Address:	IL1-1145/54/63, P.O. Box 6026		
City:	Chicago		
State/Country:	ILLINOIS		
Postal Code:	60680-6026		
Entity Type:	National Banking Association: UNITED STATES		
PROPERTY NUMBERS Total: 3			
Property Type	Number	Word Mark	
Registration Number:	3306573	ARENA PLM	
Registration Number:	3394842	ARENA	
Registration Number:	3306574	ARENA	
CORRESPONDENCE DATA			
Fax Number:			
<i>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.</i>			
Phone:	3129932652		
Email:	heather.poitras@lw.com		
Correspondent Name:	Heather Poitras		
Address Line 1:	330 N Wabash Avenue		
Address Line 2:	Suite 2800		
Address Line 4:	Chicago, ILLINOIS 60611		
ATTORNEY DOCKET NUMBER:	049067-0098		
NAME OF SUBMITTER:	Heather Poitras		
SIGNATURE:	/hp/		
DATE SIGNED:	03/24/2021		
Total Attachments: 5			
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**CONFIRMATORY GRANT OF SECURITY INTEREST
IN UNITED STATES TRADEMARKS**

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN UNITED STATES TRADEMARKS (the "Confirmatory Grant") is made effective as of March 24, 2021 by and from ARENA SOLUTIONS, INC., a California corporation (the "Grantor"), to and in favor of JPMORGAN CHASE BANK, N.A. (the "Grantee"), for itself and as Administrative Agent for the Secured Parties (as defined in the Credit Agreement referenced below).

WHEREAS, PTC Inc., as a Borrower, the Lenders, the Grantee, and the other parties thereto have entered into a Third Amended and Restated Credit Agreement dated as of February 13, 2020 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement").

WHEREAS, the Grantor and the other Loan Parties have entered into a Second Amended and Restated Security Agreement dated as of February 13, 2020 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement").

WHEREAS, the Grantor owns the trademarks (the "Trademarks") listed on Exhibit A attached hereto, which Trademarks are pending or registered with the United States Patent and Trademark Office.

WHEREAS, this Confirmatory Grant has been granted in conjunction with the security interest granted to the Grantee under the Security Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are without prejudice to and are in addition to those set forth in the Security Agreement and the other Loan Documents, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Confirmatory Grant are deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall govern.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) Definitions. All capitalized terms not defined herein shall have the respective meaning given to them in the Credit Agreement.

2) The Security Interest.

(a) This Confirmatory Grant is made to secure the satisfactory performance and payment of all the Secured Obligations. Upon the payment in full of all Secured Obligations (other than contingent indemnification obligations), the Grantee shall promptly, upon such satisfaction, execute, acknowledge, and deliver to the Grantor all reasonably requested instruments in writing releasing the security interest in the Trademarks acquired under this Confirmatory Grant.


(b) The Grantor hereby grants to the Grantee a security interest in (1) all of the Grantor's right, title and interest in and to the Trademarks now owned or from time to time after the date hereof owned or acquired by the Grantor, together with (2) all proceeds and products of the Trademarks, (3) the goodwill associated with such Trademarks, and (4) all causes of action arising prior to or after the date hereof for infringement of the Trademarks or unfair competition regarding the same.

3) Counterparts. This Confirmatory Grant may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.


4) Governing Law. This Confirmatory Grant and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

IN WITNESS WHEREOF, the Grantor has executed this Confirmatory Grant effective as of the date first written above.

ARENA SOLUTIONS, INC.,
as Grantor

By: 
Name: Catherine Gorecki
Title: President

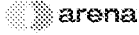
JPMORGAN CHASE BANK, N.A.,
as Administrative Agent

By: 
Name: Douglas Panchal
Title: Executive Director

Signature Page to
Confirmatory Grant of Security Interest in United States Trademarks

TRADEMARK
REEL: 007245 FRAME: 0812

CONFIRMATORY GRANT OF SECURITY INTEREST
 IN UNITED STATES TRADEMARKS
 Exhibit A - SCHEDULE OF TRADEMARKS

Trademarks					
Mark	Country	Image	Owner	Registration Number	Registration Date
ARENA PLM	US	ARENA PLM	Arena Solutions, Inc.	3306573	10/9/2007
ARENA	US		Arena Solutions, Inc.	3394842	3/11/2008
ARENA	US	ARENA	Arena Solutions, Inc.	3306574	10/9/2007