

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM439790

<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>
Arena Solutions, Inc.		08/18/2017	Corporation: CALIFORNIA
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	AB Private Credit Investors LLC		
<b>Street Address:</b>	1345 Avenue of the Americas		
<b>City:</b>	New York		
<b>State/Country:</b>	NEW YORK		
<b>Postal Code:</b>	10105		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3394842	ARENA	
<b>Registration Number:</b>	3306574	ARENA	
<b>Registration Number:</b>	3306573	ARENA PLM	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	7044441111		
<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>			
<b>Phone:</b>	704-444-1124		
<b>Email:</b>	elaine.hunt@alston.com		
<b>Correspondent Name:</b>	Michele M. Glessner		
<b>Address Line 1:</b>	Alston & Bird LLP		
<b>Address Line 2:</b>	101 South Tryon Street, Suite 4000		
<b>Address Line 4:</b>	Charlotte, NORTH CAROLINA 28280-4000		
<b>NAME OF SUBMITTER:</b>	Elaine B. Hunt		
<b>SIGNATURE:</b>	/Elaine B. Hunt/		
<b>DATE SIGNED:</b>	08/18/2017		
<b>Total Attachments: 5</b>			
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**TRADEMARK SECURITY AGREEMENT**

This TRADEMARK SECURITY AGREEMENT (this “**Agreement**”), dated as of August 18, 2017, is entered into by and between **ARENA SOLUTIONS, INC.**, a California corporation (the “**Grantor**”), and **AB PRIVATE CREDIT INVESTORS LLC** (the “**Assignee**”), as Administrative Agent pursuant to (i) that certain Guarantee and Collateral Agreement dated as of the date hereof (as amended, amended and restated, supplemented, restructured or otherwise modified, renewed or replaced from time to time, the “**Guarantee and Collateral Agreement**”), among the Assignee, the Grantor and certain other entities party thereto, and (ii) that certain Credit Agreement dated as of the date hereof (as amended, amended and restated, supplemented, restructured or otherwise modified, renewed or replaced from time to time, the “**Credit Agreement**”), among the Grantor, Arena Buyer, Inc., Arena Merger Sub, Inc., the Lenders party thereto and the Assignee.

Capitalized terms not otherwise defined herein have the respective meanings ascribed to them in the Guarantee and Collateral Agreement or the Credit Agreement, as applicable.

WHEREAS, pursuant to the Guarantee and Collateral Agreement, the Grantor has granted in favor of the Assignee a security interest in certain Collateral, including the federally registered Trademarks set forth on Schedule A hereto as of the date hereof.

NOW, THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantor and the Assignee hereby agree as follows:

1. Grant of Security Interest

(a) Subject to the terms and conditions of the Guarantee and Collateral Agreement and the Credit Agreement, to evidence further the security interest granted by the Grantor to the Assignee pursuant to the Guarantee and Collateral Agreement, the Grantor hereby grants to the Assignee a security interest in all of the Grantor’s right, title and interest in, to and under the following, whether now owned or existing or at any time hereafter acquired or arising and wherever located, as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise) of the Grantor’s Obligations (collectively, the “Trademark Collateral”):

(i) all of Grantor’s trademarks, trade names, corporate names, company names, business names, fictitious business names, trade styles, service marks, logos, Internet domain names and other source or business identifiers, and all goodwill associated therewith (collectively, “Trademarks”), including, those listed on Schedule A hereto, and

(ii) the right to obtain all renewals thereof,

provided, that no United States intent-to-use trademark or service mark application shall be included in the Trademark Collateral to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark or service mark application under Federal law.

(b) Schedule A hereto contains a true and accurate list of all of the Grantor's federally registered United States registrations and applications for registration for the Trademarks (excluding Internet domain names) existing as of the date hereof.

(c) The security interest granted hereby is granted concurrently and in conjunction with the security interest granted to the Assignee under the Guarantee and Collateral Agreement. In the event that any of the provisions of this Agreement are in conflict with the Guarantee and Collateral Agreement, the provisions of the Guarantee and Collateral Agreement shall govern.

2. Modifications

This Agreement or any provision hereof may not be changed, waived, or terminated except in accordance with the amendment provisions of the Credit Agreement. In connection with the foregoing, the Grantor authorizes the Assignee, upon notice to the Grantor, to modify this Agreement without obtaining the Grantor's signature to such modification, to the extent that such modification constitutes an amendment of Schedule A hereto, to add any right, title or interest in any Trademark Collateral owned or subsequently acquired by the Grantor or to delete any reference to any right, title or interest in any Trademark Collateral in which the Grantor no longer has or claims any right, title or interest. The Grantor additionally agrees to execute any additional agreement or amendment hereto as may be reasonably required by the Assignee from time to time, to subject any such owned or subsequently acquired right, title or interest in any Trademark Collateral to the security interests and perfection created or contemplated hereby or by the Guarantee and Collateral Agreement.

3. Applicable Law

THIS AGREEMENT AND THE RIGHTS AND OBLIGATIONS OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND INTERPRETED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

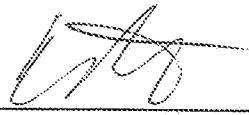
4. Counterparts

This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts (including by telecopy or other electronic means), and all of said counterparts taken together shall be deemed to constitute one and the same instrument.

[Signature page follows]

IN WITNESS WHEREOF, each Grantor has caused this Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

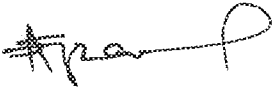
ARENA SOLUTIONS, INC., as Grantor

By:  \_\_\_\_\_

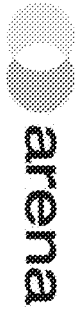
Name: Craig Livingston  
Title: Chief Executive Officer

**ACCEPTED AND AGREED**  
as of the date first above written:

**AB PRIVATE CREDIT INVESTORS LLC,**  
as Collateral Agent

By:   
Name: Shishir Agrawal  
Title: Managing Director

Schedule A to TRADEMARK SECURITY AGREEMENT

Trademark	Country/ Jurisdiction	Registration No./ Serial No.	Filing Date	Registration Date	Owner
ARENA and design 	United States	3,394,842 78/688,473	August 9, 2005	March 11, 2008	Arena Solutions, Inc.
ARENA	United States	3,306,574 78/688,488	August 9, 2005	October 9, 2007	Arena Solutions, Inc.
ARENA PLM	United States	3,306,573 78/688,464	August 9, 2005	October 9, 2007	Arena Solutions, Inc.