PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6428718

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		

CONVEYING PARTY DATA

Name	Execution Date
ZOOSK, INC.	12/02/2020

RECEIVING PARTY DATA

Name:	BLUE TORCH FINANCE LLC, AS COLLATERAL AGENT	
Street Address:	430 PARK AVENUE, SUITE 1202	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10022	

PROPERTY NUMBERS Total: 5

Property Type	Number	
Patent Number:	10511539	
Patent Number:	10432643	
Patent Number:	10454914	
Application Number:	16716061	
Application Number:	16590263	

CORRESPONDENCE DATA

Fax Number: (617)526-9899

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: 6175269628

Email:cslattery@proskauer.comCorrespondent Name:CHRISTINE SLATTERYAddress Line 1:PROSKAUER ROSE LLP

Address Line 2: ONE INTERNATIONAL PLACE, 23RD FLOOR

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	DOCKET NUMBER: 34089 / 014	
NAME OF SUBMITTER:	CHRISTINE SLATTERY	
SIGNATURE:	/Christine Slattery/	
DATE SIGNED: 12/02/2020		

Total Attachments: 5

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PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT dated as of December 2, 2020 is made by each of the entities listed on the signature pages hereof (each, a "<u>Grantor</u>", and collectively, the "<u>Grantors</u>"), in favor of Blue Torch Finance LLC, a Delaware limited liability company ("<u>Blue Torch</u>"), as Collateral Agent for the benefit of the Secured Parties (in such capacity, together with its successors and permitted assigns, the "<u>Collateral Agent</u>").

Introductory Statement

WHEREAS, pursuant to the Loan Agreement dated as of July 1, 2019 (as amended, supplemented or otherwise modified, renewed or replaced from time to time, the "Loan Agreement") among SPARK NETWORKS SE, a Societas Europaea (*Europäische Gesellschaft*) with registered seat in Munich, Federal Republic of Germany, registered with the commercial register (*Handelsregister*) of the local court (*Amtsgericht*) of Berlin, Federal Republic of Germany ("Spark"), Spark Networks, Inc., a Delaware corporation ("Spark Inc."), and Zoosk, Inc., a Delaware corporation ("Zoosk" and, together with Spark and Spark Inc., each a "Borrower", and collectively, the "Borrowers"), the other Guarantors from time to time party thereto, the Lenders from time to time party thereto, and Blue Torch as Administrative Agent and the Collateral Agent, the Lenders have agreed to make Loans to the Borrowers on and subject to the terms and conditions set forth therein; and

WHEREAS, in connection with the Loan Agreement, all of the Grantors are party to a Guaranty and Security Agreement dated as of July 1, 2019 (as amended, supplemented or otherwise modified, renewed or replaced from time to time, the "Guaranty and Security Agreement"), pursuant to which the Grantors are required to execute and deliver this Patent Security Agreement.

NOW, THEREFORE, in consideration of the premises and the agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties hereto, and to induce the Agents and the Lenders to enter into the Loan Agreement, to induce the Lenders to make their respective Loans to the Borrowers thereunder, and to induce the Agents to act in their respective agency capacities thereunder, and intending to be legally bound, each Grantor hereby agrees with the Collateral Agent, for the benefit of the Secured Parties, as follows:

- Section 1. <u>Defined Terms</u>. All uppercase terms used but not otherwise defined herein have the meanings given to them in the Guaranty and Security Agreement or the Loan Agreement, as the case may be.
- Section 2. <u>Grant of Security Interest in Patent Collateral</u>. Each Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations of such Grantor, hereby pledges, collaterally assigns and transfers to the Collateral Agent for the benefit of the Secured Parties, and grants to the Collateral Agent for the benefit of the Secured Parties, a Lien on and security interest in, all of its right, title and interest in, to and under the following Collateral of such Grantor (the "Patent Collateral"):
- (a) all of its Patents and Patent Licenses, including those referred to on <u>Schedule 1</u> hereto; and
- (b) all income, royalties, proceeds and liabilities at any time due or payable or asserted under and with respect to any of the foregoing, including all rights to sue and recover at law or in equity

1

for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof.

Section 3. Guaranty and Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the Liens and security interests granted to the Collateral Agent for the benefit of the Secured Parties pursuant to the Guaranty and Security Agreement. Each Grantor hereby acknowledges and agrees that the rights and remedies of the Collateral Agent and the obligations of each Grantor with respect to the Liens and security interests in the Patent Collateral made and granted hereby are more fully set forth in the Guaranty and Security Agreement, the terms and provision of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement conflicts with any provision of the Guaranty and Security Agreement, the Guaranty and Security Agreement shall govern.

Section 4. [Reserved].

Section 5. <u>Counterparts</u>. This Patent Security Agreement 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.

Section 6. <u>GOVERNING LAW</u>. THIS PATENT SECURITY AGREEMENT AND THE VALIDITY, INTERPRETATION, CONSTRUCTION, AND PERFORMANCE HEREOF SHALL BE GOVERNED BY AND CONSTRUED AND ENFORCED IN ACCORDANCE WITH, AND ANY CLAIM BY ANY PARTY HERETO AGAINST ANY OTHER PARTY HERETO (INCLUDING ANY CLAIMS SOUNDING IN CONTRACT OR TORT LAW ARISING OUT OF THE SUBJECT MATTER HEREOF AND ANY DETERMINATIONS WITH RESPECT TO POST-JUDGMENT INTEREST) SHALL BE DETERMINED IN ACCORDANCE WITH, THE INTERNAL LAWS OF THE STATE OF NEW YORK FOR CONTRACTS MADE AND TO BE PERFORMED WHOLLY WITHIN THE STATE OF NEW YORK, WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAWS REQUIRING APPLICATION OF THE LAW OF ANY OTHER JURISDICTION.

Section 7. WAIVER OF JURY TRIAL; DISPUTE RESOLUTION; JURISDICTION; VENUE; SERVICE OF PROCESS. EACH GRANTOR HEREBY IRREVOCABLY WAIVES ANY RIGHT TO TRIAL BY JURY IN ANY ACTION OR PROCEEDING (I) TO ENFORCE OR DEFEND ANY RIGHTS UNDER OR IN CONNECTION WITH THIS PATENT SECURITY AGREEMENT, OR (II) ARISING FROM ANY DISPUTE OR CONTROVERSY IN CONNECTION WITH OR RELATED TO THIS PATENT SECURITY AGREEMENT. EACH PARTY FURTHER AGREES THAT THE TERMS AND PROVISIONS OF SECTION 8.17 OF THE GUARANTY AND SECURITY AGREEMENT ("WAIVER OF JURY TRIAL; DISPUTE RESOLUTION; JURISDICTION; VENUE; SERVICE OF PROCESS") ARE HEREBY INCORPORATED HEREIN BY REFERENCE, AND SHALL APPLY TO THIS AGREEMENT MUTATIS MUTANDIS AS IF FULLY SET FORTH HEREIN.

Section 8. <u>Miscellaneous</u>. The terms and provisions of Sections 8.1, 8.2, 8.4, 8.6, 8.7, 8.8 and 8.9 of the Guaranty and Security Agreement ("Amendments and Waivers"; "Notices"; "Successors and Assigns"; "Counterparts; Effectiveness of Facsimile Documents and Signatures"; "Severability"; "Section Headings"; and "Integration") are hereby incorporated herein by reference, and shall apply to this Patent Security Agreement *mutatis mutandis* as if fully set forth herein. This Patent Security Agreement shall constitute a "Loan Document" for all purposes of the Loan Agreement and the other Loan Documents.

[signatures begin on next page]

2

IN WITNESS WHEREOF, each of the undersigned has caused this Patent Security Agreement to be duly executed and delivered as of the date first above written.

ZOOSK, INC., as Grantor

By England by:

England Education

By - 705018088545401

Name: Eric Eichmann Title: President

[Signature Page to Patent Security Agreement]

ACKNOWLEDGED AND AGREED:

BLUE TORCH FINANCE LLC,

as Collateral Agent

Docusigned by:

Name: Kevin Genda

Title: Chief Executive Officer

[Signature Page to Patent Security Agreement]

sf-4377394

SCHEDULE 1

TO

PATENT SECURITY AGREEMENT

1. REGISTERED PATENTS

Jurisdiction	Patent No.	Issue Date	Inventor	Title
				System And Method For
United States	10,511,539	12/17/2019	Alexander F. Mehr Shayan	Locating Desired Traits In
Officed States	10,311,339	12/17/2019	G. Zadeh	Resources Using A
				Network
			Alexander F. Mehr,	System And Method For
United States 10,	10,432,643	10/1/2019	Shayan G. Zadeh and	Validating Users Using
	10,432,043		Charles E. Gotlieb	Social Network
				Information
			Alexander F. Mehr,	System And Method For
United States	10,454,914	10/22/2019	Shayan G. Zadeh, Jared R.	Verifying User Supplied
			Crane and Joshua D.	Items Asserted About The
			Royse	User For Searching

2. PATENT APPLICATIONS

Jurisdiction	Serial or Application No.	Filing Date	Inventor	Title
United States	16/716,061	12/16/2019	Alexander F. Mehr Shayan G. Zadeh	System And Method For Locating Desired Traits In Resources Using A Network
United States	16/590,263	10/1/2019	Alexander F. Mehr Shayan G. Zadeh	System And Method For Validating Users Using Social Network Information

3. PATENT LICENSES

None.

RECORDED: 12/02/2020

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