

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK CHRISTIAN	09/21/2020
<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17026826
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<b>ATTORNEY DOCKET NUMBER:</b>	2776-54.00
<b>NAME OF SUBMITTER:</b>	ROBIN A. SNADER
<b>SIGNATURE:</b>	/Robin A. Snader/
<b>DATE SIGNED:</b>	09/21/2020
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, I, Mark Christian, of San Francisco, California, (hereinafter "Assignor"), have invented, developed, and conceived of, or shall invent, develop, and conceive of, the following invention, technology, and any improvements thereof: EMBEDDING GROUP-BASED COMMUNICATION SYSTEM CONTENT;

WHEREAS, I am about to make or have made an Application for Letters Patent of the United States or a foreign country; and

WHEREAS, Slack Technologies, Inc., a corporation duly organized under the laws of the State of California, and having its principal place of business at 500 Howard Street, San Francisco, California 94105, (hereinafter "Assignee"), is desirous of acquiring an interest in, to, and under said invention, technology, and any improvements thereof, said Application, and any and all Letters Patent that may be granted for or upon said invention, technology, and any improvements thereof in the United States and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor shall assign and hereby do assign to Assignee the full and exclusive right, title, and interest, throughout the world, in, to, and under the following;

- (a) said invention, technology, and any improvements thereof;
- (b) said invention, technology, and any improvements thereof as set forth and described in said Application for Letters Patent, which is identified by attorney Docket No. 2776-54.00;
- (c) said Application;
- (d) any and all refilings, divisionals, and continuations of said Application;

(e) any and all Letters Patent of the United States that may issue from said Application, refilings, divisionals, and continuations;

(f) any and all reissues of said Letters Patent of the United States;

(g) any and all applications for Letters Patent on said invention, technology, or any improvements thereof that may hereafter be filed in any and all countries foreign to the United States, together with all rights to file and to claim priority in connection with said foreign-filed applications;

(h) any and all refilings, divisionals, and continuations of said foreign-filed applications;

(i) any and all Letters Patent of countries foreign to the United States that may issue from said foreign-filed applications, refilings, divisionals, and continuations;

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States; and

(k) any and all reexaminations, *inter partes* reviews, post-grant reviews, covered business method reviews, oppositions, or other post-issuance procedures for any said Letters Patent of the United States or countries foreign to the United States.

ALL of the above shall be held and enjoyed by said Assignee for its own use and for its successors, legal representatives, and assigns, to the full end of the term for which any of said Letters Patent may be granted.

/mc/ Mark Christian  
Mark Christian

Date: 9/21/2020