

## 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>
LIZA GURTIN	08/16/2019
SALMAN SUHAIL	08/23/2019
MICHAEL HAHN	10/09/2019
COREY BAKER	08/16/2019
SERRY PARK	08/16/2019
SACHIN RANCHOD	08/16/2019
BRIAN STEPHEN O'NEILL	09/12/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SLACK TECHNOLOGIES, INC.
<b>Street Address:</b>	500 HOWARD STREET
<b>City:</b>	SAN FRANCISCO
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<b>Postal Code:</b>	94105
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16519603
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<b>Correspondent Name:</b>	ALSTON & BIRD LLP/SLACK TECHNOLOGIES, IN
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<b>ATTORNEY DOCKET NUMBER:</b>	065841/534544
<b>NAME OF SUBMITTER:</b>	POOYA SHOGLHI
<b>SIGNATURE:</b>	/Pooya Shoghi/
<b>DATE SIGNED:</b>	12/10/2019

**Total Attachments: 8**

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**DECLARATION AND ASSIGNMENT  
FOR PATENT AND DESIGN APPLICATIONS**

<b>Title of Invention</b>	METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR A GROUP-BASED COMMUNICATION SYSTEM INTERACTING WITH REMOTE RESOURCES FOR REMOTE DATA OBJECTS
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As the below named inventor, I, hereinafter referred to as the undersigned, hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
- ☒ United States Application or PCT International Application No. 16/519,603, filed on July 23, 2019;
- ☒ Application claims the benefit from U.S. Provisional Application No. 62/722,654, filed August 24, 2018, all applications listed above being hereinafter referred to as the “application(s)”;

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Whereas, I have invented certain new and useful improvements in the application identified above; and

Whereas,

**SLACK TECHNOLOGIES, INC.**  
500 Howard Street  
San Francisco, CA 94105

hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in the application identified above, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned has sold and assigned, and by these presents hereby sells and assigns, unto said assignee its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention identified above, including said application for United States Letters Patent, all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

This Assignment is deemed to be effective at least as early as the earliest priority date.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment the application number and filing date and any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

LEGAL NAME OF INVENTOR

/ Liza Gurtin (Signature) Date: 8/16/2019  
Liza Gurtin

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LEGAL NAME OF INVENTOR

/ Salman Suhail (Signature) Date: 8/23/2019  
Salman Suhail

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LEGAL NAME OF INVENTOR

/ Michael Hahn / (Signature) Date: 10/9/2019  
Michael Hahn

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LEGAL NAME OF INVENTOR

/ *Corey Baker* / (Signature) Date: 8/16/2019  
Corey Baker

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LEGAL NAME OF INVENTOR

/ Serry Park / (Signature) Date: 8/16/2019  
Serry Park



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LEGAL NAME OF INVENTOR

/ Sachin Ranchod / (Signature) Date: 8/16/2019  
Sachin Ranchod

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LEGAL NAME OF INVENTOR

/ Brian Stephen O'Neill / (Signature) Date: 9/12/2019  
Brian Stephen O'Neill