

## 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>
JONATHAN CRAN	12/01/2016
MICHAEL JAMES O'KELLY	12/02/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BUGCROWD, INC.
<b>Street Address:</b>	921 FRONT STREET #100
<b>City:</b>	SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94111
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15289807
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	415-269-3032
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<b>Correspondent Name:</b>	ASIF GHIAS
<b>Address Line 1:</b>	PATENT SAFARI
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<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94301
<b>ATTORNEY DOCKET NUMBER:</b>	BGC-101-US
<b>NAME OF SUBMITTER:</b>	ASIF GHIAS
<b>SIGNATURE:</b>	/Asif Ghias/
<b>DATE SIGNED:</b>	12/06/2016
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

**Jonathan Cran**, a U.S. citizen, residing at:

715 B Shotwell Street

San Francisco, CA 94110

**Michael O'Kelly**, a US citizen, residing at:

100 N Whisman Rd. #3618

Mountain View, CA 94043

## NOW THEREFORE

1) For valuable consideration, the receipt and adequacy of which is acknowledged, I/we, the above-named Assignor(s), each sell and assign to **BUGCROWD, INC., a corporation having a place of business at: 921 Front Street #100, San Francisco, CA 94111, U.S.** and having corporate powers under the laws of Delaware, hereinafter Assignee, the entire right, title and interest in and to the invention or inventions as described in **US Patent Application received by USPTO under Application No. 15/289,807, filed on October 10th, 2016, entitled Vulnerability Detection in IT Assets by utilizing Crowdsourcing techniques** and naming Assignor(s) as inventor(s), and to any and all applications for patent and patents in any and all countries relating to said invention(s), including all divisions, continuations, reissues and extensions thereof, and including all domestic and foreign rights of priority resulting from the filing of said US patent application.

2) The above-identified application was made or authorized to be made by me/us. I/we believe I/we am/are the original inventor(s) or an original joint inventor(s) of a claimed invention in the above-identified application.

3) I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, and that at the time of execution and delivery of this assignment, I/we are the sole lawful owner(s) of the entire right, title and interest in and to said invention(s).

4) I/we hereby agree that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorize Assignee and grant Assignee the sole right to do so.


5) I/we agree that on request and without further consideration, but at the expense of Assignee, I/we will sign all lawful papers, make all rightful oaths, and testify in any legal proceedings relating to said invention(s), and generally aid Assignee, or its successors, assigns, or nominees, to obtain and enforce proper patent protection for said invention(s) in any and all countries.

6) I/we authorize and request any official whose duty it is to issue patents to issue any patent on said invention(s) or resulting therefrom to Assignee, or its successors, assigns, or nominees.

Signature pages of Assignor(s) follow:

Signature page of Assignor 1:

Inventor: **Jonathan Cran**

Signature: 

Date: 12/1/2016

Signature page of Assignor 2:

Inventor: **Michael O'Kelly**  
Signature: *Michael J.T. O'Kelly*  
Date: 12/02/2016