

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TIMOTHY P. BARBER	02/02/2009
<b>RECEIVING PARTY DATA</b>	
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<b>Postal Code:</b>	83706
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15919203
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<b>SIGNATURE:</b>	/Emily M. Ross/
<b>DATE SIGNED:</b>	03/13/2018
<b>Total Attachments: 2</b>	
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source=39711 Assignment from Parent#page2.tif	

ASSIGNMENT

I, Timothy P. Barber, having a residence address as set forth below, invented "System and Method for Fast Component Enumeration in Graphs with Implicit Edges", hereinafter called the "Invention." Preferred embodiments of said Invention are disclosed in United States Patent Application No. 12/367,180, filed Feb. 6, 2009, entitled "System and Method for Fast Component Enumeration in Graphs with Implicit Edges," which application claims the benefit of and priority to U.S. Provisional Patent Application 61/145,921, filed January 20, 2009, entitled "System and Method for Fast Component Enumeration in Graphs with Implicit Edges." (I hereby authorize and request my attorneys at Holme Roberts & Owen, LLP to insert the filing date and application number of said application when known), bearing Attorney Docket No. 53600-10310.

The Assignee, Kount Inc., an Idaho corporation, having a principal place of business at 917 S. Lusk Street, Third Floor, Boise, Idaho, 83706, desires to secure the entire right, title and interest in said Invention.

For good and valuable consideration paid to me by the Assignee, the receipt and sufficiency of which I hereby acknowledge, we HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said Invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said Invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said Invention to the Assignee as the owner of the entire interest, for the sole use and behalf of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, continuation, substitute, reissue, and other United States and foreign patent applications on said Invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said Invention.

