

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JASON D. FRANTZ	05/03/2019
	MAX H. SEIDEN	05/03/2019
	JAMES L. GALE	05/03/2019
	KENNETH TRUONG	05/03/2019
RECEIVING PARTY DATA		
Name:	SIGMA COMPUTING, INC.	
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Internal Address:	SUITE 1500	
City:	SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94105	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	17682866	
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NAME OF SUBMITTER:	SUZANNE NOBERT	
SIGNATURE:	/Suzanne Nobert/	
DATE SIGNED:	02/28/2022	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2		

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PATENT

REEL: 059122 FRAME: 0249

ASSIGNMENT-STATEMENT

Title of Invention: **MAINTAINING CARDINALITY OF ROWS WHILE JOINING
WORKSHEETS FROM A DATABASE**

As a below named and undersigned inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

☒ United States application or PCT international application number 62/841,615
filed on May 1, 2019.

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 have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

Whereas, I (“ASSIGNOR”) have made certain inventions, improvements, and discoveries (herein referred to as the “Invention”) disclosed in the above-identified patent application and further identified by the Docket Number provided above in the header of this document;

Whereas, Sigma Computing, Inc. (herein referred to as the “ASSIGNEE”), a corporation organized and existing under the laws of the State of Delaware, with a principal office at 90 New Montgomery Street, Suite 1500, San Francisco, California 94105, desires to acquire, and I desire to grant to the ASSIGNEE, my entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, I hereby sell or have sold, assign or have assigned, and otherwise transfer or have transferred to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE, its successors, legal representatives, and assigns, my entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by me had this Assignment not been made; and I agree to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

I acknowledge my prior and ongoing obligations to sell, assign, and transfer my rights under this Assignment to the ASSIGNEE and am unaware of any reason why I may not have the full and unencumbered right to sell, assign, and transfer my rights hereby sold, assigned, and transferred, and have not executed, and will not execute, any document or instrument in conflict herewith. I also hereby grant the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of Delaware, and any disputes will be resolved in a Delaware state court or federal court sited in Delaware.

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.

Signature: / *Jason D. Frantz* / Date: 5/3/2019

(1) Legal Name of Inventor: **JASON D. FRANTZ**

Signature: / *Max H. Seiden* / Date: 5/3/2019

(2) Legal Name of Inventor: **MAX H. SEIDEN**

Signature: / *James L. Gale* / Date: 5/3/2019

(3) Legal Name of Inventor: **JAMES L. GALE**

Signature: / *Kenneth Truong* / Date: 5/3/2019

(4) Legal Name of Inventor: **KENNETH TRUONG**