507058340 01/05/2022 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7105177

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name		Execution Date	
JONATHON WILLIAN	I BOWYER			12/17/2019	
RECEIVING PARTY	DATA				
Name:	CERNE	CERNER INNOVATION, INC.			
Street Address:	10200	10200 ABILITIES WAY			
City:	KANSA	KANSAS CITY			
State/Country:	MISSO	URI			
Postal Code:	66111	66111			
Application Number:		17647039			
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ATTORNEY DOCKET	NUMBER:	27098.380516 HOPE A. MISCHLICH			
ATTORNEY DOCKET NAME OF SUBMITTE	NUMBER:				
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED:	NUMBER:	HOPE A. MISCHLICH			

27098.332433

ASSIGNMENT

WHEREAS, I, JONATHON WILLIAM BOWYER, hereby declare that I am the original and first inventor of the invention relating to SYSTEM AND METHOD FOR GENERATING MULTI-CATEGORY SEARCHABLE TERNARY TREE DATA STRUCTURE for which I am about to make application for Letters Patent of the United States; and

WHEREAS, CERNER INNOVATION, INC., a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 10200 Abilities Way, Kansas City, in the County of Wyandotte, in the State of Kansas (66111), is desirous of acquiring an interest in, to and under said invention, said application and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, JONATHON WILLIAM BOWYER, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said CERNER INNOVATION, INC. the full and exclusive right, title and interest, throughout the world, in, to and under said invention as fully set forth and described in the above-identified application; in, to and under said application; in, to and under any and all refilings, divisions and continuations of said application; in, to and under any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of

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America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said CERNER INNOVATION, INC., for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I/we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 17th day of December, 2019.

ONATHON WILLIAM BOWYER

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RECORDED: 01/05/2022