

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KANAKASABHA KAILASAM	12/12/2019
DOUGLAS S. MCNAIR	06/20/2019
JOHN CHRISTOPHER MURRISH	12/15/2019
DAVID COHEN	10/20/2019
JOSH SMITH	12/12/2019
ALEX VICKERS	01/13/2020
TANUJ GUPTA	12/13/2019
RECEIVING PARTY DATA	
Name:	CERNER INNOVATION, INC.
Street Address:	10200 ABILITIES WAY
City:	KANSAS CITY
State/Country:	KANSAS
Postal Code:	66111
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17399622
CORRESPONDENCE DATA	
Fax Number:	(816)421-5547
<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>	
Phone:	8165592732
Email:	tlparker@shb.com
Correspondent Name:	SHOOK, HARDY & BACON L.L.P.
Address Line 1:	2555 GRAND BLVD.
Address Line 4:	KANSAS CITY, MISSOURI 64108
ATTORNEY DOCKET NUMBER:	27098.365160
NAME OF SUBMITTER:	ANTHONY B. WINGROVE
SIGNATURE:	/ANTHONY B. WINGROVE/
DATE SIGNED:	08/11/2021

Total Attachments: 15

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ASSIGNMENT

WHEREAS, we, Kanakasabha K. Kailasam of 15762 W. 154th Street, Olathe, in the County of Johnson, and State of Kansas 66062; and John Christopher Murrish of 111003 W. 145th Place, Overland Park, in the County of Johnson, and State of Kansas 66221; and David Cohen of 12809 Pembroke Circle, Leawood, in the County of Johnson, and State of Kansas 66209; and Josh Smith of 1848 E. 97th Street Unit A, Kansas City, in the County of Jackson, and State of Missouri 64131; and Alex Vickers of 5814 N. Euclid Avenue, Gladstone, in the County of Clay, and State of Missouri 64118, hereby declare that we are the original, first and joint inventors of the invention relating to SYSTEMS AND METHODS FOR ENHANCING NATURAL LANGUAGE PROCESSING for which we have made application for Letters Patent of the United States, Serial No. 16/284,844, filed February 25, 2019; 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, we, Kanakasabha K. Kailasam, John Christopher Murrish, David Cohen, Josh Smith, and Alex Vickers, 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 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 we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this ____ day of _____, 20__.

Kanakasabha K. Kailasam

EXECUTED this ____ day of _____, 20__.

John Christopher Murrish

EXECUTED this 20 day of October, 2019.

David Cohen
David Cohen

EXECUTED this _____ day of _____, 20__.

Josh Smith

EXECUTED this _____ day of _____, 20__.

Alex Vickers

ASSIGNMENT

WHEREAS, we, Kanakasabha K. Kailasam of 15762 W. 154th Street, Olathe, in the County of Johnson, and State of Kansas 66062; and John Christopher Murrish of 111003 W. 145th Place, Overland Park, in the County of Johnson, and State of Kansas 66221; and David Cohen of 12809 Pembroke Circle, Leawood, in the County of Johnson, and State of Kansas 66209; and Josh Smith of 1848 E. 97th Street Unit A, Kansas City, in the County of Jackson, and State of Missouri 64131; and Alex Vickers of 5814 N. Euclid Avenue, Gladstone, in the County of Clay, and State of Missouri 64118, hereby declare that we are the original, first and joint inventors of the invention relating to SYSTEMS AND METHODS FOR ENHANCING NATURAL LANGUAGE PROCESSING for which we have made application for Letters Patent of the United States, Serial No. 16/284,844, filed February 25, 2019; 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, we, Kanakasabha K. Kailasam, John Christopher Murrish, David Cohen, Josh Smith, and Alex Vickers, 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 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 we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this _____ day of _____, 20__.

Kanakasabha K. Kailasam

EXECUTED this _____ day of _____, 20__.

John Christopher Murrish

EXECUTED this _____ day of _____, 20__.

David Cohen

EXECUTED this 12th day of December, 2019.



Josh Smith

EXECUTED this _____ day of _____, 20__.

Alex Vickers

ASSIGNMENT

WHEREAS, I, Tanuj Gupta of 12735 MOHAWK GIRCLE, LEAWOOD
 in the County of JOHNSON, and State of KANSAS 66209,
 hereby declare that I am an original inventor of the invention relating to SYSTEMS AND
 METHODS FOR ENHANCING NATURAL LANGUAGE PROCESSING for which I have
 made application for Letters Patent of the United States, Serial No. 16/284,844, filed February
 25, 2019; 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, Tanuj
 Gupta, 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 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 do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 13th day of DECEMBER, 2019.



Tanuj Gupta

ASSIGNMENT

WHEREAS, we, Kanakasabha K. Kailasam of 15762 W. 154th Street, Olathe, in the County of Johnson, and State of Kansas (66062); and Douglas S. McNair of 8715 Meadow Lane, Leawood, in the County of Johnson, and State of Kansas (66206); and John Christopher Murrish of 11003 W. 145th Place, Overland Park, in the County of Johnson, and State of Kansas (66221); and David Cohen of 12809 Pembroke Circle, Leawood, in the County of Johnson, and State of Kansas (66209); and Josh Smith of 1848 E. 97th Street, Unit A, Kansas City, in the County of Jackson, and State of Missouri (64131); and Alex Vickers of 5814 N. Euclid Avenue, Gladstone, in the County of Clay, and State of Missouri (64118); hereby declare that we are the original, first and joint inventors of the invention relating to SYSTEMS AND METHODS FOR ENHANCING NATURAL LANGUAGE PROCESSING for which we have made application for Letters Patent of the United States, Serial No. 16/284,844, filed February 25, 2019; 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, we, Kanakasabha K. Kailasam, Douglas S. McNair, John Christopher Murrish, David Cohen, Josh Smith, and Alex Vickers, 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 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 we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this _____ day of _____, 2019.

Kanakasabha K. Kailasam

EXECUTED this 20th day of JUNE, 2019.

Douglas S. McNair

ASSIGNMENT

WHEREAS, we, Kanakasabha K. Kailasam of 15762 W. 154th Street, Olathe, in the County of Johnson, and State of Kansas 66062; and John Christopher Murrish of 111003 W. 145th Place, Overland Park, in the County of Johnson, and State of Kansas 66221; and David Cohen of 12809 Pembroke Circle, Leawood, in the County of Johnson, and State of Kansas 66209; and Josh Smith of 1848 E. 97th Street Unit A, Kansas City, in the County of Jackson, and State of Missouri 64131; and Alex Vickers of 5814 N. Euclid Avenue, Gladstone, in the County of Clay, and State of Missouri 64118, hereby declare that we are the original, first and joint inventors of the invention relating to SYSTEMS AND METHODS FOR ENHANCING NATURAL LANGUAGE PROCESSING for which we have made application for Letters Patent of the United States, Serial No. 16/284,844, filed February 25, 2019; and

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ASSIGNMENT

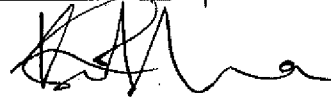
WHEREAS, we, Kanakasabha K. Kailasam of 15762 W. 154th Street, Olathe, in the County of Johnson, and State of Kansas 66062; and John Christopher Murrish of 111003 W. 145th Place, Overland Park, in the County of Johnson, and State of Kansas 66221; and David Cohen of 12809 Pembroke Circle, Leawood, in the County of Johnson, and State of Kansas 66209; and Josh Smith of 1848 E. 97th Street Unit A, Kansas City, in the County of Jackson, and State of Missouri 64131; and Alex Vickers of 5814 N. Euclid Avenue, Gladstone, in the County of Clay, and State of Missouri 64118, hereby declare that we are the original, first and joint inventors of the invention relating to SYSTEMS AND METHODS FOR ENHANCING NATURAL LANGUAGE PROCESSING for which we have made application for Letters Patent of the United States, Serial No. 16/284,844, filed February 25, 2019; and

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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 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 we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 12 day of December 20 19



Kanakasabha ~~K~~ Kailasam

EXECUTED this _____ day of _____, 20__.

John Christopher Murrish

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 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 we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this _____ day of _____, 20__.

Kanakasabha K. Kailasam

EXECUTED this 15 day of Dec, 2019.

John Christopher Murrish

 John Christopher Murrish

EXECUTED this _____ day of _____, 20__.

David Cohen

EXECUTED this _____ day of _____, 20__.

Josh Smith

EXECUTED this 13 day of January, 2020.



Alex Vickers