

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | LEO P. ANTHONY | 12/27/2016 |
| | KATHLEEN M. COLLINS | 12/28/2016 |
| | ASHEESH NADKARNI | 12/28/2016 |
| | JAQULIN N. MARIA SEBASTIAN | 12/28/2016 |
| | HIRAL SHAH | 12/27/2016 |
| 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: | 15393671 | |
| 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: | 8164746550 | |
| Email: | dstrecker@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: | CRNI.256996 | |
| NAME OF SUBMITTER: | ASHLEY N. STURGEON | |
| SIGNATURE: | /ASHLEY N. STURGEON/ | |
| DATE SIGNED: | 04/17/2017 | |
| Total Attachments: 15 | | |
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ASSIGNMENT

WHEREAS, we, LEO P. ANTHONY of 107 Verdant Dr., Phoenixville, in the County of Chester, and State of Pennsylvania (19460); and KATHLEEN M. COLLINS of 1206 Cranberry Lane, Coatesville, in the County of Chester, and State of Pennsylvania (19320); and ASHEESH NADKARNI of 1885 Cassel Road, Lansdale, in the County of Montgomery, and State of Pennsylvania (19446); and JAQULIN N. MARIA SEBASTIAN of 51 Deerfield Drive, Malvern, in the County of Chester, and State of Pennsylvania (19355); and HIRAL SHAH of 5807 Lois Ln., Ellicott City, in the County of Howard, and State of Maryland (21043), hereby declare that we are the original, first and joint inventors of the invention relating to **GENERATION OF A TRANSACTION SET** for which we are 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, we, LEO P. ANTHONY, KATHLEEN M. COLLINS, ASHEESH NADKARNI, JAQULIN N. MARIA SEBASTIAN, and HIRAL SHAH 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/we do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 27 day of December, 2016.



LEO P. ANTHONY

EXECUTED this _____ day of _____, 2016.

KATHLEEN M. COLLINS

EXECUTED this ____ day of _____, 2016.

ASHEESH NADKARNI

EXECUTED this ____ day of _____, 2016.

JAQULIN N. MARIA SEBASTIAN

EXECUTED this ____ day of _____, 2016.

HIRAL SHAH

ASSIGNMENT

WHEREAS, we, LEO P. ANTHONY of 107 Verdant Dr., Phoenixville, in the County of Chester, and State of Pennsylvania (19460); and KATHLEEN M. COLLINS of 1206 Cranberry Lane, Coatesville, in the County of Chester, and State of Pennsylvania (19320); and ASHEESH NADKARNI of 1885 Cassel Road, Lansdale, in the County of Montgomery, and State of Pennsylvania (19446); and JAQULIN N. MARIA SEBASTIAN of 51 Deerfield Drive, Malvern, in the County of Chester, and State of Pennsylvania (19355); and HIRAL SHAH of 5807 Lois Ln., Ellicott City, in the County of Howard, and State of Maryland (21043), hereby declare that we are the original, first and joint inventors of the invention relating to **GENERATION OF A TRANSACTION SET** for which we are about to make application for Letters Patent of the United States; and

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EXECUTED this _____ day of _____, 2016.

LEO P. ANTHONY

EXECUTED this 28th day of Dec, 2016.

Kathleen M Collins
KATHLEEN M. COLLINS

EXECUTED this ____ day of _____, 2016.

ASHEESH NADKARNI

EXECUTED this ____ day of _____, 2016.

JAQULIN N. MARIA SEBASTIAN

EXECUTED this ____ day of _____, 2016.

HIRAL SHAH

ASSIGNMENT

WHEREAS, we, LEO P. ANTHONY of 107 Verdant Dr., Phoenixville, in the County of Chester, and State of Pennsylvania (19460); and KATHLEEN M. COLLINS of 1206 Cranberry Lane, Coatesville, in the County of Chester, and State of Pennsylvania (19320); and ASHEESH NADKARNI of 1885 Cassel Road, Lansdale, in the County of Montgomery, and State of Pennsylvania (19446); and JAQULIN N. MARIA SEBASTIAN of 51 Deerfield Drive, Malvern, in the County of Chester, and State of Pennsylvania (19355); and HIRAL SHAH of 5807 Lois Ln., Ellicott City, in the County of Howard, and State of Maryland (21043), hereby declare that we are the original, first and joint inventors of the invention relating to **GENERATION OF A TRANSACTION SET** for which we are about to make application for Letters Patent of the United States; and

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

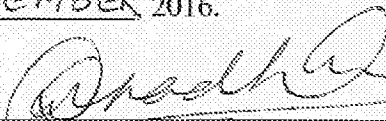
EXECUTED this _____ day of _____, 2016.

LEO P. ANTHONY

EXECUTED this _____ day of _____, 2016.

KATHLEEN M. COLLINS

EXECUTED this 28th day of DECEMBER 2016.



ASHEESH NADKARNI

EXECUTED this _____ day of _____, 2016.

JAQULIN N. MARIA SEBASTIAN

EXECUTED this _____ day of _____, 2016.

HIRAL SHAH

ASSIGNMENT

WHEREAS, we, LEO P. ANTHONY of 107 Verdant Dr., Phoenixville, in the County of Chester, and State of Pennsylvania (19460); and KATHLEEN M. COLLINS of 1206 Cranberry Lane, Coatesville, in the County of Chester, and State of Pennsylvania (19320); and ASHEESH NADKARNI of 1885 Cassel Road, Lansdale, in the County of Montgomery, and State of Pennsylvania (19446); and JAQULIN N. MARIA SEBASTIAN of 51 Deerfield Drive, Malvern, in the County of Chester, and State of Pennsylvania (19355); and HIRAL SHAH of 5807 Lois Ln., Ellicott City, in the County of Howard, and State of Maryland (21043), hereby declare that we are the original, first and joint inventors of the invention relating to **GENERATION OF A TRANSACTION SET** for which we are 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;

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EXECUTED this ____ day of _____, 2016.

LEO P. ANTHONY

EXECUTED this ____ day of _____, 2016.

KATHLEEN M. COLLINS

EXECUTED this _____ day of _____, 2016.

ASHEESH NADKARNI

EXECUTED this 28th day of Dec, 2016.

M. Jaquin N. Maria Sebastian
JAQUIN N. MARIA SEBASTIAN

EXECUTED this _____ day of _____, 2016.

HIRAL SHAH

ASSIGNMENT

WHEREAS, we, LEO P. ANTHONY of 107 Verdant Dr., Phoenixville, in the County of Chester, and State of Pennsylvania (19460); and KATHLEEN M. COLLINS of 1206 Cranberry Lane, Coatesville, in the County of Chester, and State of Pennsylvania (19320); and ASHEESH NADKARNI of 1885 Cassel Road, Lansdale, in the County of Montgomery, and State of Pennsylvania (19446); and JAQULIN N. MARIA SEBASTIAN of 51 Deerfield Drive, Malvern, in the County of Chester, and State of Pennsylvania (19355); and HIRAL SHAH of 5807 Lois Ln., Ellicott City, in the County of Howard, and State of Maryland (21043), hereby declare that we are the original, first and joint inventors of the invention relating to **GENERATION OF A TRANSACTION SET** for which we are about to make application for Letters Patent of the United States; and

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EXECUTED this _____ day of _____, 2016.

LEO P. ANTHONY

EXECUTED this _____ day of _____, 2016.

KATHLEEN M. COLLINS


EXECUTED this _____ day of _____, 2016.

ASHEESH NADKARNI

EXECUTED this _____ day of _____, 2016.

JAQUIN N. MARIA SEBASTIAN

EXECUTED this 24th day of December, 2016.



HIRAL SHAH