PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM MICHAEL ABRAMS	01/15/2009
RICKY LEE JOHNSON	02/05/2009

RECEIVING PARTY DATA

Name:	VITAL SOURCE TECHNOLOGIES, INC.	
Street Address:	234 FAYETTEVILLE STREET	
Internal Address:	SUITE 300	
City:	RALEIGH	
State/Country:	e/Country: NORTH CAROLINA	
Postal Code:	27601	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13448022

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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.

Phone: 612.336.4608

Email: Ihill@merchantgould.com

Correspondent Name: JOHN C. REICH Address Line 1: P. O. BOX 2903

Address Line 2: MERCHANT & GOULD P.C.

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	15787.0002USC1
NAME OF SUBMITTER:	JOHN C. REICH
SIGNATURE:	/John C. Reich/
DATE SIGNED:	06/16/2014

Total Attachments: 5

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ASSIGNMENT

THIS ASSIGNMENT, made by us, William Michael Abrams, citizen of the United States of America, residing at 2307 Cattail Road, Searcy, Arkansas 72143; and Ricky Lee Johnson, citizen of the United States of America, residing at 11215 N. 54th Street,, Scottsdale, Arizona 85254, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR PROVIDING CONTENT BASED UPON A REPRESENTATION OF THE SAME for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on June 4, 2004, under Application No. 10/860,980, and VITAL SOURCE TECHNOLOGIES, INC., a Delaware corporation having a

WHEREAS, VITALSOURCE TECHNOLOGIES, INC., a Delaware corporation having a principal place of business at 234 Fayetteville Street, Suite 300, Raleigh, North Carolina, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

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We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant, and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on the	nis 7 th
day of September, 2004.	

William Michael Abrams

(SEAL)

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 2154 day of 5 spiron set 0, 2004.

(SEAL)

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STATE OF Orhansus	
STATE OF Orhansas) COUNTY OF White)	
I, Mary C. Sardnu, a Notar certify that William Michael Abrams personal the due execution of the foregoing instrument	lly appeared before me this day and acknowledged
Witness my hand and official seal, this the	7 day of September, 2004.
(Official Seal)	Mary C. Gardner Notary Public
My commission expires: 10 - 9 - 2	C. GAROL

STATE OF North Carolina
COUNTY OF WAKE
I, Dense H. Rifenburg, a Notary Public for said County and State, do hereby certify that Ricky Lee Johnson personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness in what for official seal, this the 21st day of September, 2004.
(Official Steal) *** Notaty Public
Notady Public Notady Public
My commission expires: 08/18/2007